

ISO 20022

Acquirer to Issuer Card Messages - Version 3

Message Definition Report - Part 2

Approved by the Cards and Related Retail Financial Services SEG
on 23 May 2022

This document provides details of the Message Definitions for Acquirer to Issuer Card Messages - Version 3.

December 2022

Table of Contents

1	Message Set Overview	8
1.1	List of MessageDefinitions	8
2	caad.001.001.02 BatchManagementInitiationV02	13
2.1	MessageDefinition Functionality	13
2.2	Structure	14
2.3	Constraints	15
2.4	Message Building Blocks	15
3	caad.002.001.02 BatchManagementResponseV02	39
3.1	MessageDefinition Functionality	39
3.2	Structure	40
3.3	Constraints	41
3.4	Message Building Blocks	42
4	caad.003.001.02 BatchTransferInitiationV02	66
4.1	MessageDefinition Functionality	66
4.2	Structure	67
4.3	Constraints	70
4.4	Message Building Blocks	70
5	caad.004.001.02 BatchTransferResponseV02	102
5.1	MessageDefinition Functionality	102
5.2	Structure	103
5.3	Constraints	106
5.4	Message Building Blocks	106
6	caad.005.001.03 ReconciliationInitiationV03	138
6.1	MessageDefinition Functionality	138
6.2	Structure	139
6.3	Constraints	140
6.4	Message Building Blocks	140
7	caad.006.001.03 ReconciliationResponseV03	162
7.1	MessageDefinition Functionality	162
7.2	Structure	163
7.3	Constraints	164
7.4	Message Building Blocks	164
8	caad.007.001.03 ErrorV03	187
8.1	MessageDefinition Functionality	187
8.2	Structure	188
8.3	Constraints	189
8.4	Message Building Blocks	189

9	caad.008.001.01 AdministrativeInitiationV01	208
9.1	MessageDefinition Functionality	208
9.2	Structure	209
9.3	Constraints	211
9.4	Message Building Blocks	211
10	caad.009.001.01 AdministrativeResponseV01	252
10.1	MessageDefinition Functionality	252
10.2	Structure	253
10.3	Constraints	255
10.4	Message Building Blocks	255
11	caad.010.001.01 CustomReportV01	296
11.1	MessageDefinition Functionality	296
11.2	Structure	297
11.3	Constraints	298
11.4	Message Building Blocks	298
12	cafc.001.001.02 FeeCollectionInitiationV02	320
12.1	MessageDefinition Functionality	320
12.2	Structure	321
12.3	Constraints	322
12.4	Message Building Blocks	322
13	cafc.002.001.02 FeeCollectionResponseV02	345
13.1	MessageDefinition Functionality	345
13.2	Structure	346
13.3	Constraints	347
13.4	Message Building Blocks	347
14	cafm.001.001.02 FileActionInitiationV02	367
14.1	MessageDefinition Functionality	367
14.2	Structure	368
14.3	Constraints	370
14.4	Message Building Blocks	371
15	cafm.002.001.02 FileActionResponseV02	408
15.1	MessageDefinition Functionality	408
15.2	Structure	409
15.3	Constraints	411
15.4	Message Building Blocks	411
16	cafr.001.001.02 FraudReportingInitiationV02	446
16.1	MessageDefinition Functionality	446
16.2	Structure	447
16.3	Constraints	449
16.4	Message Building Blocks	449

17	cafr.002.001.02 FraudReportingResponseV02	484
17.1	MessageDefinition Functionality	484
17.2	Structure	485
17.3	Constraints	486
17.4	Message Building Blocks	486
18	cafr.003.001.02 FraudDispositionInitiationV02	506
18.1	MessageDefinition Functionality	506
18.2	Structure	507
18.3	Constraints	508
18.4	Message Building Blocks	508
19	cafr.004.001.02 FraudDispositionResponseV02	530
19.1	MessageDefinition Functionality	530
19.2	Structure	531
19.3	Constraints	532
19.4	Message Building Blocks	532
20	cain.001.001.03 AuthorisationInitiationV03	552
20.1	MessageDefinition Functionality	552
20.2	Structure	553
20.3	Constraints	555
20.4	Message Building Blocks	555
21	cain.002.001.03 AuthorisationResponseV03	593
21.1	MessageDefinition Functionality	593
21.2	Structure	594
21.3	Constraints	595
21.4	Message Building Blocks	595
22	cain.003.001.03 FinancialInitiationV03	626
22.1	MessageDefinition Functionality	626
22.2	Structure	627
22.3	Constraints	629
22.4	Message Building Blocks	629
23	cain.004.001.03 FinancialResponseV03	673
23.1	MessageDefinition Functionality	673
23.2	Structure	674
23.3	Constraints	675
23.4	Message Building Blocks	676
24	cain.005.001.03 ReversalInitiationV03	709
24.1	MessageDefinition Functionality	709
24.2	Structure	710
24.3	Constraints	711
24.4	Message Building Blocks	712

25	cain.006.001.03 ReversalResponseV03	743
25.1	MessageDefinition Functionality	743
25.2	Structure	744
25.3	Constraints	745
25.4	Message Building Blocks	745
26	cain.014.001.02 RetrievalFulfilmentInitiationV02	770
26.1	MessageDefinition Functionality	770
26.2	Structure	771
26.3	Constraints	772
26.4	Message Building Blocks	772
27	cain.015.001.02 RetrievalFulfilmentResponseV02	802
27.1	MessageDefinition Functionality	802
27.2	Structure	803
27.3	Constraints	804
27.4	Message Building Blocks	804
28	cain.016.001.02 InquiryInitiationV02	830
28.1	MessageDefinition Functionality	830
28.2	Structure	831
28.3	Constraints	832
28.4	Message Building Blocks	832
29	cain.017.001.02 InquiryResponseV02	863
29.1	MessageDefinition Functionality	863
29.2	Structure	864
29.3	Constraints	865
29.4	Message Building Blocks	865
30	cain.018.001.02 VerificationInitiationV02	894
30.1	MessageDefinition Functionality	894
30.2	Structure	895
30.3	Constraints	897
30.4	Message Building Blocks	897
31	cain.019.001.02 VerificationResponseV02	938
31.1	MessageDefinition Functionality	938
31.2	Structure	939
31.3	Constraints	941
31.4	Message Building Blocks	941
32	cain.020.001.02 AmendmentV02	975
32.1	MessageDefinition Functionality	975
32.2	Structure	976
32.3	Constraints	977
32.4	Message Building Blocks	977

33	cain.021.001.02 RetrievalInitiationV02	991
33.1	MessageDefinition Functionality	991
33.2	Structure	992
33.3	Constraints	993
33.4	Message Building Blocks	993
34	cain.022.001.02 RetrievalResponseV02	1024
34.1	MessageDefinition Functionality	1024
34.2	Structure	1025
34.3	Constraints	1026
34.4	Message Building Blocks	1026
35	cain.023.001.02 CardManagementInitiationV02	1052
35.1	MessageDefinition Functionality	1052
35.2	Structure	1053
35.3	Constraints	1054
35.4	Message Building Blocks	1054
36	cain.024.001.02 CardManagementResponseV02	1086
36.1	MessageDefinition Functionality	1086
36.2	Structure	1087
36.3	Constraints	1088
36.4	Message Building Blocks	1088
37	cain.025.001.02 AddendumInitiationV02	1114
37.1	MessageDefinition Functionality	1114
37.2	Structure	1115
37.3	Constraints	1116
37.4	Message Building Blocks	1116
38	cain.026.001.02 AddendumResponseV02	1138
38.1	MessageDefinition Functionality	1138
38.2	Structure	1139
38.3	Constraints	1140
38.4	Message Building Blocks	1140
39	cain.027.001.02 ChargeBackInitiationV02	1162
39.1	MessageDefinition Functionality	1162
39.2	Structure	1163
39.3	Constraints	1164
39.4	Message Building Blocks	1164
40	cain.028.001.02 ChargeBackResponseV02	1194
40.1	MessageDefinition Functionality	1194
40.2	Structure	1195
40.3	Constraints	1196
40.4	Message Building Blocks	1196

41	canm.001.001.03 NetworkManagementInitiationV03	1217
41.1	MessageDefinition Functionality	1217
41.2	Structure	1218
41.3	Constraints	1219
41.4	Message Building Blocks	1219
42	canm.002.001.03 NetworkManagementResponseV03	1230
42.1	MessageDefinition Functionality	1230
42.2	Structure	1231
42.3	Constraints	1232
42.4	Message Building Blocks	1232
43	canm.003.001.03 KeyExchangeInitiationV03	1243
43.1	MessageDefinition Functionality	1243
43.2	Structure	1244
43.3	Constraints	1245
43.4	Message Building Blocks	1245
44	canm.004.001.03 KeyExchangeResponseV03	1262
44.1	MessageDefinition Functionality	1262
44.2	Structure	1263
44.3	Constraints	1264
44.4	Message Building Blocks	1264
45	casr.001.001.02 SettlementReportingInitiationV02	1282
45.1	MessageDefinition Functionality	1282
45.2	Structure	1283
45.3	Constraints	1285
45.4	Message Building Blocks	1285
46	casr.002.001.02 SettlementReportingResponseV02	1314
46.1	MessageDefinition Functionality	1314
46.2	Structure	1315
46.3	Constraints	1316
46.4	Message Building Blocks	1316
47	Message Items Types	1337
47.1	MessageComponents	1337
47.2	Message Datatypes	2110

1 Message Set Overview

Introduction

Messages defined in an Acquirer to Issuer relationship.

1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caad.001.001.02 BatchManagementInitiationV02	<p>The BatchManagementInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer) connected to a network.</p> <p>This message provides flow control information enabling a series of messages in batches and batches in collections to start, end or require checkpoints during the flow.</p>
caad.002.001.02 BatchManagementResponseV02	The BatchManagementResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a BatchManagementInitiation message.
caad.003.001.02 BatchTransferInitiationV02	The BatchTransferInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer). This message is used to transfer a series of transactions or administrative information in a single exchange.
caad.004.001.02 BatchTransferResponseV02	The BatchTransferResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a BatchTransferInitiation message.
caad.005.001.03 ReconciliationInitiationV03	<p>The ReconciliationInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer).</p> <p>Reconciliation is the exchange between two interchanging parties (Acquirer, Issuer or Agent) of totals and/or counts of messages within a specific session.</p>
caad.006.001.03 ReconciliationResponseV03	The ReconciliationResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a ReconciliationInitiation message.
caad.007.001.03 ErrorV03	The Error message is sent by any party to any party (acquirer, agent or issuer) to indicate a message error.
caad.008.001.01 AdministrativeInitiationV01	The AdministrativeInitiation message usually sent by any party (processor, clearing or settlement agent) to any party to inform anything that supports the business and technical infrastructure between parties.
caad.009.001.01 AdministrativeResponseV01	The AdministrativeResponse message is usually sent by any party (processor, clearing or settlement agent) to any party in response to a AdministrativeInitiation Message.

MessageDefinition	Definition
caad.010.001.01 CustomReportV01	<p>The Custom Report message can be initiated by any party and received by any party (acquirer, agent, issuer or other party) connected to a network.</p> <p>This message provides the capability to convey customized reports that are defined by bi-lateral agreement.</p>
cafc.001.001.02 FeeCollectionInitiationV02	<p>The FeeCollectionInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer) to claim or pay a miscellaneous service between financial institutions. Fee collection messages have financial impacts and affect reconciliation totals without affecting a cardholder account.</p>
cafc.002.001.02 FeeCollectionResponseV02	<p>The FeeCollectionResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a FeeCollectionInitiation message.</p>
cafm.001.001.02 FileActionInitiationV02	<p>The FileActionInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer).</p> <p>This message is used to inquire, add, change, delete or replace a file or a record.</p>
cafm.002.001.02 FileActionResponseV02	<p>A FileActionResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a FileActionInitiation message.</p>
cafr.001.001.02 FraudReportingInitiationV02	<p>A FraudReportingInitiation message is usually sent by a financial institution acting as an acquirer or as an issuer to an agent (processor, agent) to inform about a confirmed fraudulent transaction.</p>
cafr.002.001.02 FraudReportingResponseV02	<p>A FraudReportingResponse message is sent by an agent (processor, agent) to an issuer or acquirer in response to a FraudReportingInitiation message.</p>
cafr.003.001.02 FraudDispositionInitiationV02	<p>A FraudDispositionInitiation message is usually sent by an agent to a financial institution acting as an acquirer or as an issuer to report about the disposition of a confirmed fraudulent transaction.</p>
cafr.004.001.02 FraudDispositionResponseV02	<p>A FraudDispositionResponse message is sent by an issuer or acquirer to an agent (processor, agent) in response to a FraudDispositionInitiation message.</p>
cain.001.001.03 AuthorisationInitiationV03	<p>AuthorisationInitiation message is sent by an acquirer or an agent to an issuer to request approval of a card transaction by the issuer or to inform the issuer about the completion of the authorisation. It can also be sent by an issuer to an acquirer or agent to advise about the result of an authorisation already performed.</p>
cain.002.001.03 AuthorisationResponseV03	<p>The AuthorisationResponse message is sent by an issuer or an agent to an acquirer in response to an AuthorisationInitiation message.</p>
cain.003.001.03 FinancialInitiationV03	<p>The FinancialInitiation message is sent by an acquirer or an agent to an issuer to request approval of a card transaction or to inform about the completion of an authorisation. It allows the approved transaction amount to be billed or posted on the cardholder's account. It can also be sent by an issuer to an acquirer</p>

MessageDefinition	Definition
	or agent to advise that an authorisation has been successfully completed for the final amount and requests the clearing of the transaction.
cain.004.001.03 FinancialResponseV03	The FinancialResponse message is sent by an issuer or an agent to an acquirer in response to a FinancialInitiation message.
cain.005.001.03 ReversalInitiationV03	The ReversalInitiation message is sent by an acquirer, an originator or an agent to an issuer to request or advise of the reversal of an authorisation by the issuer. A reversal is a partial or complete nullification of the effects of a previous authorisation, financial presentment or financial accumulation presentment that cannot be processed as instructed (for example, is undeliverable and cancelled or the acquirer timed out waiting for a response).
cain.006.001.03 ReversalResponseV03	The ReversalResponse message is sent by an issuer or an agent to an acquirer in response to a ReversalInitiation message.
cain.014.001.02 RetrievalFulfilmentInitiationV02	<p>The RetrievalFulfilmentInitiation message is sent by an acquirer or agent to an issuer to support an issuer's retrieval request.</p> <p>The RetrievalFulfilmentInitiation message is the activity initiated by the acceptor, the acquirer or the relevant agent to support the issuer who has determined that a transaction information document needs to be examined before a potential chargeback is sent or to satisfy another need of the issuer or the cardholder. Only an issuer or its agent can initiate a retrieval request.</p>
cain.015.001.02 RetrievalFulfilmentResponseV02	The RetrievalFulfilmentResponse message is sent by an issuer or acquirer to an agent (processor, agent) in response to a RetrievalFulfilmentInitiation message.
cain.016.001.02 InquiryInitiationV02	The InquiryInitiation message is sent by an acquirer or agent to an issuer to request information related to the card (e.g. about a cardholder, the availability of funds, etc.).
cain.017.001.02 InquiryResponseV02	The InquiryResponse message is sent by an issuer or an agent to an acquirer in response to an InquiryInitiation message.
cain.018.001.02 VerificationInitiationV02	<p>The VerificationInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer). It conveys information to a receiver requiring verification or authentication.</p> <p>Examples of usages are: authentication of certificates, assurance levels of tokens, certificate management, address verification, account verification and cheque verification. It is also used to inform the receiver of a verification that has been completed on its behalf.</p>
cain.019.001.02 VerificationResponseV02	The VerificationResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a VerificationInitiation message.

MessageDefinition	Definition
cain.020.001.02 AmendmentV02	<p>The Amendment message can be initiated by any party and received by any party (acquirer, agent or issuer).</p> <p>This message is used to inform the originator that the original message has been corrected/amended and then forwarded to the destination on behalf of the originator. It contains a copy of the original message and any errors found. It may also contain any corrections and/or amendments that were made to the original message.</p>
cain.021.001.02 RetrievalInitiationV02	The RetrievalInitiation message is sent by an issuer or agent to an acquirer to retrieve the original transaction details.
cain.022.001.02 RetrievalResponseV02	The RetrievalResponse message is sent by an acquirer to an issuer or agent in response to an RetrievalInitiation message.
cain.023.001.02 CardManagementInitiationV02	The CardManagementInitiation message is sent by the acquirer to an issuer or agent to fulfil a request initiated by the cardholder at the point of service for an operation on the card account.
cain.024.001.02 CardManagementResponseV02	The CardManagementResponse message is sent by an issuer or an agent to an acquirer in response to a CardManagementInitiation message.
cain.025.001.02 AddendumInitiationV02	<p>Provides supplemental data in addition to that which is required to complete an authorization initiation or financial initiation.</p> <p>The supplemental data is associated with an authorization or financial message.</p>
cain.026.001.02 AddendumResponseV02	The AddendumResponse message is sent by an issuer or an agent to an acquirer in response to an AddendumInitiation message.
cain.027.001.02 ChargeBackInitiationV02	The ChargeBackInitiation message is sent by an issuer or agent to an acquirer to fully or partially nullify a previous financial transaction; namely when the issuer determines that a customer dispute exists or that an error or violation of rules has been committed. It is also used to nullify a previous chargeback. Chargebacks have a financial impact and should be computed within reconciliation totals.
cain.028.001.02 ChargeBackResponseV02	The ChargeBackResponse message is sent by an acquirer or an agent to an issuer in response to an ChargeBackInitiation message.
canm.001.001.03 NetworkManagementInitiationV03	The NetworkManagementInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer) connected to a network. It covers the range of activities that control the operating conditions of the network.
canm.002.001.03 NetworkManagementResponseV03	The NetworkManagementResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a NetworkManagementInitiation message.
canm.003.001.03 KeyExchangeInitiationV03	The KeyExchangeInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer). This message is used to initiate a

MessageDefinition	Definition
	cryptographic key activity (request of a key change, request of the verification of a key, etc.).
canm.004.001.03 KeyExchangeResponseV03	The KeyExchangeResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a KeyExchangeInitiation message.
casr.001.001.02 SettlementReportingInitiationV02	The SettlementReportingInitiation message is usually sent by an agent (processor, clearing or settlement agent) to an acquirer, agent or issuer to inform about financial totals already settled or to be settled issued as an outcome of the clearing process.
casr.002.001.02 SettlementReportingResponseV02	The SettlementReportingResponse message is sent by any party (acquirer, agent or issuer) to an agent in response to a SettlementReportingInitiation message.

2 caad.001.001.02 BatchManagementInitiationV02

2.1 MessageDefinition Functionality

The BatchManagementInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer) connected to a network.

This message provides flow control information enabling a series of messages in batches and batches in collections to start, end or require checkpoints during the flow.

Outline

The BatchManagementInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the batch management.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

2.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchMgmtInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		16
	Body <Body>	[1..1]			16
	Environment <Envt>	[1..1]			18
	Originator <Orgtr>	[0..1]	±		18
	Sender <Sndr>	[0..1]	±		19
	Receiver <Rcvr>	[0..1]	±		20
	Destination <Dstn>	[0..1]	±		21
	Context <Cntxt>	[0..1]			22
	TransactionContext <TxCntxt>	[0..1]			23
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		23
	Jurisdiction <Jursdctn>	[0..1]			24
	DomesticIndicator <DmstInd>	[0..1]	Indicator		24
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		24
	SettlementService <SttlmSvc>	[0..1]	±		24
	Reconciliation <Rcncltn>	[0..1]	±		25
	AdditionalData <AddtlData>	[0..*]			25
	Type <Tp>	[0..1]	Text		26
	Value <Val>	[0..1]	Text		26
	Transaction <Tx>	[1..1]			26
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		28
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		28
	TransactionIdentification <TxId>	[0..1]	±		28
	AdditionalFee <AddtlFee>	[0..*]	±		29
	CollectionIdentification <ColltnId>	[0..1]	Text		29
	BatchIdentification <BtchId>	[0..1]	Text		29
	CollectionSize <ColltnSz>	[0..1]	Quantity		30
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		30
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		30
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		30

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		30
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		31
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		31
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		32
	BatchIdentificationList <BtchIdList>	[0..*]	Text		32
	CheckpointIdentification <ChckptId>	[0..1]	Text		32
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		32
	BatchChecksum <BtchChcksm>	[0..1]	Binary		32
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		32
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		33
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		33
	AdditionalData <AddtlData>	[0..*]			33
	Type <Tp>	[0..1]	Text		33
	Value <Val>	[0..1]	Text		33
	Correction <Crrctn>	[0..1]			33
	Indicator <Ind>	[0..1]	Indicator		34
	Date <Dt>	[0..1]	Date		34
	Time <Tm>	[0..1]	Time		34
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		34
	ProtectedData <PrtctdData>	[0..*]	±		34
	SupplementaryData <SplmtryData>	[0..*]	±	C1	37
	SecurityTrailer <SctyTrlr>	[0..1]	±		37

2.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

2.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

2.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header69" on page 1755 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1755
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1756
	ExchangeIdentification <XchgId>	[0..1]	Text		1756
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1756
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1756
	InitiatingParty <InitgPty>	[1..1]	±		1756
	RecipientParty <RcptPty>	[0..1]	±		1757
	TraceData <TracData>	[0..*]			1757
	Type <Tp>	[0..1]	Text		1757
	Value <Val>	[0..1]	Text		1758
	Traceability <Tracblt>	[0..*]	±		1758

2.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the batch management.

Body <Body> contains the following BatchManagementInitiation2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			18
	Originator <Orgtr>	[0..1]	±		18
	Sender <Sndr>	[0..1]	±		19
	Receiver <Rcvr>	[0..1]	±		20
	Destination <Dstn>	[0..1]	±		21
	Context <Cntxt>	[0..1]			22
	TransactionContext <TxCntxt>	[0..1]			23
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		23
	Jurisdiction <Jursdctn>	[0..1]			24
	DomesticIndicator <DmstInd>	[0..1]	Indicator		24
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		24
	SettlementService <SttlmSvc>	[0..1]	±		24
	Reconciliation <Rcncltn>	[0..1]	±		25
	AdditionalData <AddtlData>	[0..*]			25
	Type <Tp>	[0..1]	Text		26
	Value <Val>	[0..1]	Text		26
	Transaction <Tx>	[1..1]			26
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		28
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		28
	TransactionIdentification <TxId>	[0..1]	±		28
	AdditionalFee <AddtlFee>	[0..*]	±		29
	CollectionIdentification <ColltnId>	[0..1]	Text		29
	BatchIdentification <BtchId>	[0..1]	Text		29
	CollectionSize <ColltnSz>	[0..1]	Quantity		30
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		30
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		30
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		30
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		30
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		31
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		31

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		32
	BatchIdentificationList <BtchIdList>	[0..*]	Text		32
	CheckpointIdentification <ChckptId>	[0..1]	Text		32
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		32
	BatchChecksum <BtchChcksm>	[0..1]	Binary		32
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		32
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		33
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		33
	AdditionalData <AddtlData>	[0..*]			33
	Type <Tp>	[0..1]	Text		33
	Value <Val>	[0..1]	Text		33
	Correction <Crrctn>	[0..1]			33
	Indicator <Ind>	[0..1]	Indicator		34
	Date <Dt>	[0..1]	Date		34
	Time <Tm>	[0..1]	Time		34
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		34
	ProtectedData <PrctcdData>	[0..*]	±		34
	SupplementaryData <SplmtryData>	[0..*]	±	C1	37

2.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		18
	Sender <Sndr>	[0..1]	±		19
	Receiver <Rcvr>	[0..1]	±		20
	Destination <Dstn>	[0..1]	±		21

2.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

2.4.2.1.2 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

2.4.2.1.3 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

2.4.2.1.4 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

2.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			23
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		23
	Jurisdiction <Jursdctn>	[0..1]			24
	DomesticIndicator <DmstInd>	[0..1]	Indicator		24
	DomesticQualification <DmstQlfctn>	[0..1]	Text		24
	SettlementService <SttlmSvc>	[0..1]	±		24
	Reconciliation <Rcncltn>	[0..1]	±		25
	AdditionalData <AddtlData>	[0..*]			25
	Type <Tp>	[0..1]	Text		26
	Value <Val>	[0..1]	Text		26

2.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		23
	Jurisdiction <Jursdctn>	[0..1]			24
	DomesticIndicator <DmstInd>	[0..1]	Indicator		24
	DomesticQualification <DmstQlfctn>	[0..1]	Text		24
	SettlementService <SttlmSvc>	[0..1]	±		24
	Reconciliation <Rcncltn>	[0..1]	±		25
	AdditionalData <AddtlData>	[0..*]			25
	Type <Tp>	[0..1]	Text		26
	Value <Val>	[0..1]	Text		26

2.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

2.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		24
	DomesticQualification <DmstQlfctn>	[0..1]	Text		24

2.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

2.4.2.2.1.2.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

2.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on [page 2018](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

2.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on [page 1896](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

2.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		26
	Value <Val>	[0..1]	Text		26

2.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

2.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

2.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Batch management transaction.

Transaction <Tx> contains the following **Transaction151** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		28
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		28
	TransactionIdentification <TxId>	[0..1]	±		28
	AdditionalFee <AddtlFee>	[0..*]	±		29
	CollectionIdentification <ColltnId>	[0..1]	Text		29
	BatchIdentification <BtchId>	[0..1]	Text		29
	CollectionSize <ColltnSz>	[0..1]	Quantity		30
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		30
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		30
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		30
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		30
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		31
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		31
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		32
	BatchIdentificationList <BtchIdList>	[0..*]	Text		32
	CheckpointIdentification <ChckptId>	[0..1]	Text		32
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		32
	BatchChecksum <BtchChcksm>	[0..1]	Binary		32
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		32
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		33
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		33
	AdditionalData <AddtlData>	[0..*]			33
	Type <Tp>	[0..1]	Text		33
	Value <Val>	[0..1]	Text		33
	Correction <Crrctn>	[0..1]			33
	Indicator <Ind>	[0..1]	Indicator		34
	Date <Dt>	[0..1]	Date		34
	Time <Tm>	[0..1]	Time		34
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		34

2.4.2.3.1 BatchManagementType <BtchMgmtTp>

Presence: [1..1]

Definition: Type of batch management activity.

ISO 8583:87/93 bit 24

ISO 8583:2003 bit 68-1

Datatype: "BatchManagementType2Code" on page 2133

CodeName	Name	Definition
AKRQ	AcknowledgementRequest	Acknowledgement requested by the originator to the destination (used with a notification message exclusively).
AKRP	AcknowledgementResponse	Acknowledgement response by the destination to the originator (used with a notification message exclusively).
ENDB	End	End of a collection or batch by the originator (used with a request message exclusively).
IDNT	IdentificationList	Contains a list of batch or collection identifications.
OTHN	OtherNational	Any other type of batch management transaction defined at national level.
OTHP	OtherPrivate	Any other type of batch management transaction defined at private level.
RERQ	ResendRequest	A request to resend a batch or collection.
STRT	Start	Initiation of a collection or batch by the originator (used with a request message exclusively).

2.4.2.3.2 OtherBatchManagementType <OthrBtchMgmtTp>

Presence: [0..1]

Definition: Other type of batch management activity.

Datatype: "Max35Text" on page 2207

2.4.2.3.3 TransactionIdentification <TxId>

Presence: [0..1]

Definition: Identification of the batch management transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification12](#)" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

2.4.2.3.4 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

2.4.2.3.5 CollectionIdentification <ColltnId>

Presence: [0..1]

Definition: Identification of a collection.

Mandatory for start or end of a collection and their acknowledgements if the batch is included in a collection.

All the messages included within the collection will have the same collection identification value.

Datatype: "[Max70Text](#)" on page 2209

2.4.2.3.6 BatchIdentification <BtchId>

Presence: [0..1]

Definition: Identification of a batch.

All the messages included within the batch will have the same batch identification value.

Datatype: "Max70Text" on page 2209

2.4.2.3.7 CollectionSize <ColltnSz>

Presence: [0..1]

Definition: Total length in bytes of the collection to be transferred.

ISO 8583:2003 bit 70-2

Datatype: "Number" on page 2198

2.4.2.3.8 OriginalCollectionIdentification <OrgnlColltnId>

Presence: [0..1]

Definition: Identification of the original collection.

Mandatory when the collection containing the batch response has not the same identification as the collection containing the original batch.

Datatype: "Max70Text" on page 2209

2.4.2.3.9 OriginalBatchIdentification <OrgnlBtchId>

Presence: [0..1]

Definition: Identification of the original batch to answer.

Mandatory when the batch response has not the same identification as the batch initiation.

Datatype: "Max70Text" on page 2209

2.4.2.3.10 NumberOfBatchesInCollection <NbOfBtchsInColltn>

Presence: [0..1]

Definition: Number of batches in the collection.

For a start of collection, this is the number of expected batches if known.

For a start of collection acknowledgement, this is the maximum number of batches that can be received in the collection.

For an end of collection, this is the number of batches sent in the closing collection.

For an end of collection acknowledgement, this is the number of batches received in the collection.

Datatype: "Number" on page 2198

2.4.2.3.11 NumberOfMessages <NbOfMsgs>

Presence: [0..1]

Definition: Number of messages.

ISO 8583:87 bit 72

ISO 8583:2003 bit 70-1 or bit 69-1

For a start of collection, this is the number of expected messages in the collection if known.

For a start of batch, this is the number of expected messages in the batch if known.

For an AcknowledgementRequest , this is the number of sent messages since last check point.

For an AcknowledgementResponse, this is the number of received messages since last check point.

For an end of batch this is the number of received messages in the batch.

For an end of collection, this is the number of received messages in the collection.

Note: Batch management messages are excluded from the count.

Datatype: "Number" on page 2198

2.4.2.3.12 RemainingMessagesInCollection <RmngMsgsInColltn>

Presence: [0..1]

Definition: Number of remaining messages in the collection.

ISO 8583:2003 bit 70-3

Datatype: "Number" on page 2198

2.4.2.3.13 MessageSequenceNumber <MsgSeqNb>

Presence: [0..1]

Definition: For a start of collection, sequence number of first expected message of the collection.

For a start of batch, sequence number of first expected message of the batch.

For an AcknowledgementRequest , sequence number of the last message sent for this checkpoint.

For an AcknowledgementResponse, sequence number of the last message received for this checkpoint.

For an end of batch, sequence number of last message of the batch.

For an end of collection, sequence number of last message of the collection.

Datatype: "Max15NumericText" on page 2203

2.4.2.3.14 CollectionIdentificationList <ColltnIdList>

Presence: [0..*]

Definition: List of collection identification that should have been sent or received.

Datatype: "Max70Text" on page 2209

2.4.2.3.15 BatchIdentificationList <BtchIdList>

Presence: [0..*]

Definition: List of batch identifications of the collection.

For a start of collection, the identification of expected batches, if known.

For an end of collection, this is the identification of batches sent in the closing collection.

For an end of collection acknowledgement, this is the identification of batches received in the collection.

Datatype: "Max70Text" on page 2209

2.4.2.3.16 CheckpointIdentification <ChckptId>

Presence: [0..1]

Definition: Identification of a specific checkpoint.

Datatype: "Max70Text" on page 2209

2.4.2.3.17 CollectionChecksum <ColltnChcksm>

Presence: [0..1]

Definition: Checksum of the series of messages or batches in the collection.

Datatype: "Max35Binary" on page 2111

2.4.2.3.18 BatchChecksum <BtchChcksm>

Presence: [0..1]

Definition: Checksum of the series of messages in the batch or until a checkpoint.

Datatype: "Max35Binary" on page 2111

2.4.2.3.19 RequestAcknowledgement <ReqAck>

Presence: [0..1]

Definition: Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

2.4.2.3.20 MessagesBeforeAcknowledgement <MsgsBfrAck>

Presence: [0..1]

Definition: Maximum number of messages to be sent before acknowledgement. The receiver will send an acknowledgement response every time the indicated number of messages is reached.

Datatype: "Number" on page 2198

2.4.2.3.21 PositiveAcknowledgement <PostvAck>

Presence: [0..1]

Definition: Indicate whether the acknowledgement is positive or not.

True: Positive acknowledgement.

False: Negative acknowledgement.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

2.4.2.3.22 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		33
	Value <Val>	[0..1]	Text		33

2.4.2.3.22.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

2.4.2.3.22.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

2.4.2.3.23 Correction <Crrctn>

Presence: [0..1]

Definition: Identifies that this batch or collection is a corrected version of a batch or collection that was previously sent.

Correction <Crrctn> contains the following **CorrectionIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Indicator <Ind>	[0..1]	Indicator		34
	Date <Dt>	[0..1]	Date		34
	Time <Tm>	[0..1]	Time		34

2.4.2.3.23.1 Indicator <Ind>

Presence: [0..1]

Definition: Indicates the message contains an updated version of a message that was previously sent.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

2.4.2.3.23.2 Date <Dt>

Presence: [0..1]

Definition: Contains the date of the update.

Datatype: ["ISODate" on page 2196](#)

2.4.2.3.23.3 Time <Tm>

Presence: [0..1]

Definition: Contains the time of the update.

Datatype: ["ISOTime" on page 2211](#)

2.4.2.3.24 ContinuationIndicator <ConttnInd>

Presence: [0..1]

Definition: Indicates that batch or collection is not complete.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

2.4.2.4 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

2.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

2.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngh>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

3 caad.002.001.02 BatchManagementResponseV02

3.1 MessageDefinition Functionality

The BatchManagementResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a BatchManagementInitiation message.

Outline

The BatchManagementResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the batch management.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

3.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchMgmtRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		42
	Body <Body>	[1..1]			42
	Environment <Envt>	[1..1]			44
	Originator <Orgtr>	[0..1]	±		44
	Sender <Sndr>	[0..1]	±		45
	Receiver <Rcvr>	[0..1]	±		46
	Destination <Dstn>	[0..1]	±		47
	Context <Cntxt>	[0..1]			48
	TransactionContext <TxCntxt>	[0..1]			49
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		49
	Jurisdiction <Jursdctn>	[0..1]			50
	DomesticIndicator <DmstInd>	[0..1]	Indicator		50
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		50
	SettlementService <SttlmSvc>	[0..1]	±		50
	Reconciliation <Rcncltn>	[0..1]	±		51
	AdditionalData <AddtlData>	[0..*]			51
	Type <Tp>	[0..1]	Text		52
	Value <Val>	[0..1]	Text		52
	Transaction <Tx>	[1..1]			52
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		54
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		54
	TransactionIdentification <TxId>	[0..1]	±		54
	AdditionalFee <AddtlFee>	[0..*]	±		55
	CollectionIdentification <ColltnId>	[0..1]	Text		55
	BatchIdentification <BtchId>	[0..1]	Text		55
	CollectionSize <ColltnSz>	[0..1]	Quantity		56
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		56
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		56
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		56

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		56
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		57
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		57
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		58
	BatchIdentificationList <BtchIdList>	[0..*]	Text		58
	CheckpointIdentification <ChckptId>	[0..1]	Text		58
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		58
	BatchChecksum <BtchChcksm>	[0..1]	Binary		58
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		58
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		59
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		59
	AdditionalData <AddtlData>	[0..*]			59
	Type <Tp>	[0..1]	Text		59
	Value <Val>	[0..1]	Text		59
	Correction <Crrctn>	[0..1]			59
	Indicator <Ind>	[0..1]	Indicator		60
	Date <Dt>	[0..1]	Date		60
	Time <Tm>	[0..1]	Time		60
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		60
	ProcessingResult <PrcgRslt>	[1..1]	±		60
	ProtectedData <PrctcdData>	[0..*]	±		61
	SupplementaryData <SplmtryData>	[0..*]	±	C1	64
	SecurityTrailer <SctyTrlr>	[0..1]	±		64

3.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

3.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

3.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header69" on page 1755 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1755
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1756
	ExchangeIdentification <XchgId>	[0..1]	Text		1756
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1756
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1756
	InitiatingParty <InitgPty>	[1..1]	±		1756
	RecipientParty <RcptPty>	[0..1]	±		1757
	TraceData <TracData>	[0..*]			1757
	Type <Tp>	[0..1]	Text		1757
	Value <Val>	[0..1]	Text		1758
	Traceability <Tracblt>	[0..*]	±		1758

3.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the batch management.

Body <Body> contains the following BatchManagementResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			44
	Originator <Orgtr>	[0..1]	±		44
	Sender <Sndr>	[0..1]	±		45
	Receiver <Rcvr>	[0..1]	±		46
	Destination <Dstn>	[0..1]	±		47
	Context <Cntxt>	[0..1]			48
	TransactionContext <TxCntxt>	[0..1]			49
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		49
	Jurisdiction <Jursdctn>	[0..1]			50
	DomesticIndicator <DmstInd>	[0..1]	Indicator		50
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		50
	SettlementService <SttlmSvc>	[0..1]	±		50
	Reconciliation <Rcncltn>	[0..1]	±		51
	AdditionalData <AddtlData>	[0..*]			51
	Type <Tp>	[0..1]	Text		52
	Value <Val>	[0..1]	Text		52
	Transaction <Tx>	[1..1]			52
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		54
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		54
	TransactionIdentification <TxId>	[0..1]	±		54
	AdditionalFee <AddtlFee>	[0..*]	±		55
	CollectionIdentification <ColltnId>	[0..1]	Text		55
	BatchIdentification <BtchId>	[0..1]	Text		55
	CollectionSize <ColltnSz>	[0..1]	Quantity		56
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		56
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		56
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		56
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		56
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		57
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		57

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		58
	BatchIdentificationList <BtchIdList>	[0..*]	Text		58
	CheckpointIdentification <ChckptId>	[0..1]	Text		58
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		58
	BatchChecksum <BtchChcksm>	[0..1]	Binary		58
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		58
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		59
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		59
	AdditionalData <AddtlData>	[0..*]			59
	Type <Tp>	[0..1]	Text		59
	Value <Val>	[0..1]	Text		59
	Correction <Crrctn>	[0..1]			59
	Indicator <Ind>	[0..1]	Indicator		60
	Date <Dt>	[0..1]	Date		60
	Time <Tm>	[0..1]	Time		60
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		60
	ProcessingResult <PrcgRslt>	[1..1]	±		60
	ProtectedData <PrtctdData>	[0..*]	±		61
	SupplementaryData <SplmtryData>	[0..*]	±	C1	64

3.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the batch management transaction.

Environment <Envt> contains the following **Environment33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		44
	Sender <Sndr>	[0..1]	±		45
	Receiver <Rcvr>	[0..1]	±		46
	Destination <Dstn>	[0..1]	±		47

3.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

3.4.2.1.2 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

3.4.2.1.3 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

3.4.2.1.4 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

3.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			49
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		49
	Jurisdiction <Jursdctn>	[0..1]			50
	DomesticIndicator <DmstInd>	[0..1]	Indicator		50
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		50
	SettlementService <SttlmSvc>	[0..1]	±		50
	Reconciliation <Rcncltn>	[0..1]	±		51
	AdditionalData <AddtlData>	[0..*]			51
	Type <Tp>	[0..1]	Text		52
	Value <Val>	[0..1]	Text		52

3.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		49
	Jurisdiction <Jursdctn>	[0..1]			50
	DomesticIndicator <DmstInd>	[0..1]	Indicator		50
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		50
	SettlementService <SttlmSvc>	[0..1]	±		50
	Reconciliation <Rcncltn>	[0..1]	±		51
	AdditionalData <AddtlData>	[0..*]			51
	Type <Tp>	[0..1]	Text		52
	Value <Val>	[0..1]	Text		52

3.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

3.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		50
	DomesticQualification <DmstQlfctn>	[0..1]	Text		50

3.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

3.4.2.2.1.2.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

3.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

3.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

3.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		52
	Value <Val>	[0..1]	Text		52

3.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

3.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

3.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Details about the batch management transaction.

Transaction <Tx> contains the following **Transaction151** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		54
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		54
	TransactionIdentification <TxId>	[0..1]	±		54
	AdditionalFee <AddtlFee>	[0..*]	±		55
	CollectionIdentification <ColltnId>	[0..1]	Text		55
	BatchIdentification <BtchId>	[0..1]	Text		55
	CollectionSize <ColltnSz>	[0..1]	Quantity		56
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		56
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		56
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		56
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		56
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		57
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		57
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		58
	BatchIdentificationList <BtchIdList>	[0..*]	Text		58
	CheckpointIdentification <ChckptId>	[0..1]	Text		58
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		58
	BatchChecksum <BtchChcksm>	[0..1]	Binary		58
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		58
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		59
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		59
	AdditionalData <AddtlData>	[0..*]			59
	Type <Tp>	[0..1]	Text		59
	Value <Val>	[0..1]	Text		59
	Correction <Crrctn>	[0..1]			59
	Indicator <Ind>	[0..1]	Indicator		60
	Date <Dt>	[0..1]	Date		60
	Time <Tm>	[0..1]	Time		60
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		60

3.4.2.3.1 BatchManagementType <BtchMgmtTp>

Presence: [1..1]

Definition: Type of batch management activity.

ISO 8583:87/93 bit 24

ISO 8583:2003 bit 68-1

Datatype: "BatchManagementType2Code" on page 2133

CodeName	Name	Definition
AKRQ	AcknowledgementRequest	Acknowledgement requested by the originator to the destination (used with a notification message exclusively).
AKRP	AcknowledgementResponse	Acknowledgement response by the destination to the originator (used with a notification message exclusively).
ENDB	End	End of a collection or batch by the originator (used with a request message exclusively).
IDNT	IdentificationList	Contains a list of batch or collection identifications.
OTHN	OtherNational	Any other type of batch management transaction defined at national level.
OTHP	OtherPrivate	Any other type of batch management transaction defined at private level.
RERQ	ResendRequest	A request to resend a batch or collection.
STRT	Start	Initiation of a collection or batch by the originator (used with a request message exclusively).

3.4.2.3.2 OtherBatchManagementType <OthrBtchMgmtTp>

Presence: [0..1]

Definition: Other type of batch management activity.

Datatype: "Max35Text" on page 2207

3.4.2.3.3 TransactionIdentification <TxId>

Presence: [0..1]

Definition: Identification of the batch management transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

3.4.2.3.4 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

3.4.2.3.5 CollectionIdentification <ColltnId>

Presence: [0..1]

Definition: Identification of a collection.

Mandatory for start or end of a collection and their acknowledgements if the batch is included in a collection.

All the messages included within the collection will have the same collection identification value.

Datatype: "Max70Text" on page 2209

3.4.2.3.6 BatchIdentification <BtchId>

Presence: [0..1]

Definition: Identification of a batch.

All the messages included within the batch will have the same batch identification value.

Datatype: "Max70Text" on page 2209

3.4.2.3.7 CollectionSize <ColltnSz>

Presence: [0..1]

Definition: Total length in bytes of the collection to be transferred.

ISO 8583:2003 bit 70-2

Datatype: "Number" on page 2198

3.4.2.3.8 OriginalCollectionIdentification <OrgnlColltnId>

Presence: [0..1]

Definition: Identification of the original collection.

Mandatory when the collection containing the batch response has not the same identification as the collection containing the original batch.

Datatype: "Max70Text" on page 2209

3.4.2.3.9 OriginalBatchIdentification <OrgnlBtchId>

Presence: [0..1]

Definition: Identification of the original batch to answer.

Mandatory when the batch response has not the same identification as the batch initiation.

Datatype: "Max70Text" on page 2209

3.4.2.3.10 NumberOfBatchesInCollection <NbOfBtchsInColltn>

Presence: [0..1]

Definition: Number of batches in the collection.

For a start of collection, this is the number of expected batches if known.

For a start of collection acknowledgement, this is the maximum number of batches that can be received in the collection.

For an end of collection, this is the number of batches sent in the closing collection.

For an end of collection acknowledgement, this is the number of batches received in the collection.

Datatype: "Number" on page 2198

3.4.2.3.11 NumberOfMessages <NbOfMsgs>

Presence: [0..1]

Definition: Number of messages.

ISO 8583:87 bit 72

ISO 8583:2003 bit 70-1 or bit 69-1

For a start of collection, this is the number of expected messages in the collection if known.

For a start of batch, this is the number of expected messages in the batch if known.

For an AcknowledgementRequest , this is the number of sent messages since last check point.

For an AcknowledgementResponse, this is the number of received messages since last check point.

For an end of batch this is the number of received messages in the batch.

For an end of collection, this is the number of received messages in the collection.

Note: Batch management messages are excluded from the count.

Datatype: "Number" on page 2198

3.4.2.3.12 RemainingMessagesInCollection <RmngMsgsInColltn>

Presence: [0..1]

Definition: Number of remaining messages in the collection.

ISO 8583:2003 bit 70-3

Datatype: "Number" on page 2198

3.4.2.3.13 MessageSequenceNumber <MsgSeqNb>

Presence: [0..1]

Definition: For a start of collection, sequence number of first expected message of the collection.

For a start of batch, sequence number of first expected message of the batch.

For an AcknowledgementRequest , sequence number of the last message sent for this checkpoint.

For an AcknowledgementResponse, sequence number of the last message received for this checkpoint.

For an end of batch, sequence number of last message of the batch.

For an end of collection, sequence number of last message of the collection.

Datatype: "Max15NumericText" on page 2203

3.4.2.3.14 CollectionIdentificationList <ColltnIdList>

Presence: [0..*]

Definition: List of collection identification that should have been sent or received.

Datatype: "Max70Text" on page 2209

3.4.2.3.15 BatchIdentificationList <BtchIdList>

Presence: [0..*]

Definition: List of batch identifications of the collection.

For a start of collection, the identification of expected batches, if known.

For an end of collection, this is the identification of batches sent in the closing collection.

For an end of collection acknowledgement, this is the identification of batches received in the collection.

Datatype: "Max70Text" on page 2209

3.4.2.3.16 CheckpointIdentification <ChckptId>

Presence: [0..1]

Definition: Identification of a specific checkpoint.

Datatype: "Max70Text" on page 2209

3.4.2.3.17 CollectionChecksum <ColltnChcksm>

Presence: [0..1]

Definition: Checksum of the series of messages or batches in the collection.

Datatype: "Max35Binary" on page 2111

3.4.2.3.18 BatchChecksum <BtchChcksm>

Presence: [0..1]

Definition: Checksum of the series of messages in the batch or until a checkpoint.

Datatype: "Max35Binary" on page 2111

3.4.2.3.19 RequestAcknowledgement <ReqAck>

Presence: [0..1]

Definition: Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

3.4.2.3.20 MessagesBeforeAcknowledgement <MsgsBfrAck>

Presence: [0..1]

Definition: Maximum number of messages to be sent before acknowledgement. The receiver will send an acknowledgement response every time the indicated number of messages is reached.

Datatype: "Number" on page 2198

3.4.2.3.21 PositiveAcknowledgement <PostvAck>

Presence: [0..1]

Definition: Indicate whether the acknowledgement is positive or not.

True: Positive acknowledgement.

False: Negative acknowledgement.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

3.4.2.3.22 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		59
	Value <Val>	[0..1]	Text		59

3.4.2.3.22.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

3.4.2.3.22.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

3.4.2.3.23 Correction <Crrctn>

Presence: [0..1]

Definition: Identifies that this batch or collection is a corrected version of a batch or collection that was previously sent.

Correction <Crrctn> contains the following **CorrectionIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Indicator <Ind>	[0..1]	Indicator		60
	Date <Dt>	[0..1]	Date		60
	Time <Tm>	[0..1]	Time		60

3.4.2.3.23.1 Indicator <Ind>

Presence: [0..1]

Definition: Indicates the message contains an updated version of a message that was previously sent.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

3.4.2.3.23.2 Date <Dt>

Presence: [0..1]

Definition: Contains the date of the update.

Datatype: ["ISODate" on page 2196](#)

3.4.2.3.23.3 Time <Tm>

Presence: [0..1]

Definition: Contains the time of the update.

Datatype: ["ISOTime" on page 2211](#)

3.4.2.3.24 ContinuationIndicator <ConttnInd>

Presence: [0..1]

Definition: Indicates that batch or collection is not complete.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

3.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult13" on page 2059 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2060
	ResultData <RsltData>	[1..1]	±		2060
	ApprovalCode <ApprvlCd>	[0..1]	Text		2061
	ErrorDetail <ErrDtl>	[0..*]			2061
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2061
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2062
	ErrorCode <ErrCd>	[0..1]	Text		2062
	ErrorDescription <ErrDesc>	[0..1]	Text		2062
	DataElementInError <DataElmtInErr>	[0..*]	Text		2062
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2062
	AdditionalInformation <AddtlInf>	[0..*]	±		2063

3.4.2.5 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

3.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

3.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngh>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

4 caad.003.001.02 BatchTransferInitiationV02

4.1 MessageDefinition Functionality

The BatchTransferInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer). This message is used to transfer a series of transactions or administrative information in a single exchange.

Outline

The BatchTransferInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the batch transfer.

C. SecurityTrailer

Trailer of the message containing a MAC

4.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchTrflnIttn>	[1..1]			
	Header <Hdr>	[1..1]	±		70
	Body <Body>	[1..1]			70
	Environment <Envnt>	[1..1]			73
	Originator <Orgtr>	[0..1]	±		74
	Destination <Dstn>	[1..1]	±		74
	Context <Cntxt>	[0..1]			74
	TransactionContext <TxCntxt>	[0..1]			75
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		75
	Jurisdiction <Jursdctn>	[0..1]			76
	DomesticIndicator <DmstInd>	[0..1]	Indicator		76
	DomesticQualification <DmstQlfctn>	[0..1]	Text		76
	SettlementService <SttlmSvc>	[0..1]	±		76
	Reconciliation <Rcncltn>	[0..1]	±		77
	AdditionalData <AddtlData>	[0..*]			77
	Type <Tp>	[0..1]	Text		78
	Value <Val>	[0..1]	Text		78
	Transaction <Tx>	[1..1]			78
	TransactionIdentification <TxId>	[0..1]	±		81
	BatchIdentification <BtchId>	[0..1]	Text		81
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		81
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		81
	BatchChecksum <BtchChcksm>	[0..1]	Binary		82
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		82
	ClearingBatchData <ClrBtchData>	[0..*]			82
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		83
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		83
	ClearingPriority <ClrPrty>	[0..1]	Text		83
	ClearingDate <ClrDt>	[0..1]	Date		83
	ClearingTotals <ClrTtls>	[0..1]			84

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[1..1]	Quantity		84
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		84
	InterchangeFee <IntrchgFee>	[0..1]	±		84
	AgentFee <AgtFee>	[0..1]	±		84
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			85
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		85
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		85
	AgentData <AgtData>	[0..*]			85
	Recipient <Rcpt>	[0..1]	CodeSet		86
	Target <Trgt>	[0..*]	CodeSet		86
	Format <Frmt>	[0..1]	CodeSet		86
	Value <Val>	[1..1]	Text		87
	Record <Rcrd>	[0..*]			87
	SequenceCounter <SeqCntr>	[1..1]	Quantity		89
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		89
	ClearingRecordData <ClrRcrdData>	[0..1]	±		89
	RecordMessage <RcrdMsg>	[1..1]			90
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		92
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		92
Or	Amendment <Amdmnt>	[1..1]	Binary		92
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		92
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		92
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		92
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		93
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		93
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		93
Or	Error <Err>	[1..1]	Binary		93
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		93
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		93
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		93
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		93

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		93
Or	FinancialResponse <FinRspn>	[1..1]	Binary		94
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		94
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		94
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		94
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		94
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		94
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		94
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		94
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		95
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		95
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		95
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		95
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		95
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		95
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		95
Or	RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>	[1..1]	Binary		95
Or	RetrievalFulfilmentResponse <RtrvlFlfmtRspn>	[1..1]	Binary		95
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		96
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		96
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		96
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		96
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		96
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		96
	AdditionalData <AddtlData>	[0..*]			96
	Type <Tp>	[0..1]	Text		97
	Value <Val>	[0..1]	Text		97
	ProcessingResult <PrccgRslt>	[0..1]	±		97
	ProtectedData <PrctcdData>	[0..*]	±		97
	SupplementaryData <SplmtryData>	[0..*]	±	C1	100
	SecurityTrailer <SctyTrlr>	[0..1]	±		100

4.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

4.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

4.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "[Header60](#)" on [page 1752](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

4.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the batch transfer.

Body <Body> contains the following **BatchTransferInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			73
	Originator <Orgtr>	[0..1]	±		74
	Destination <Dstn>	[1..1]	±		74
	Context <Cntxt>	[0..1]			74
	TransactionContext <TxCntxt>	[0..1]			75
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		75
	Jurisdiction <Jursdctn>	[0..1]			76
	DomesticIndicator <DmstInd>	[0..1]	Indicator		76
	DomesticQualification <DmstQlfcnt>	[0..1]	Text		76
	SettlementService <SttlmSvc>	[0..1]	±		76
	Reconciliation <Rcncltn>	[0..1]	±		77
	AdditionalData <AddtlData>	[0..*]			77
	Type <Tp>	[0..1]	Text		78
	Value <Val>	[0..1]	Text		78
	Transaction <Tx>	[1..1]			78
	TransactionIdentification <Txld>	[0..1]	±		81
	BatchIdentification <Btchld>	[0..1]	Text		81
	OriginalBatchIdentification <OrgnlBtchld>	[0..1]	Text		81
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		81
	BatchChecksum <BtchChcksm>	[0..1]	Binary		82
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		82
	ClearingBatchData <ClrBtchData>	[0..*]			82
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		83
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		83
	ClearingPriority <ClrPrty>	[0..1]	Text		83
	ClearingDate <ClrDt>	[0..1]	Date		83
	ClearingTotals <ClrTtls>	[0..1]			84
	Count <Cnt>	[1..1]	Quantity		84
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		84
	InterchangeFee <IntrchnngFee>	[0..1]	±		84
	AgentFee <AgtFee>	[0..1]	±		84

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			85
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		85
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		85
	AgentData <AgtData>	[0..*]			85
	Recipient <Rcpt>	[0..1]	CodeSet		86
	Target <Trgt>	[0..*]	CodeSet		86
	Format <Frmt>	[0..1]	CodeSet		86
	Value <Val>	[1..1]	Text		87
	Record <Rcrd>	[0..*]			87
	SequenceCounter <SeqCntr>	[1..1]	Quantity		89
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		89
	ClearingRecordData <ClrRcrdData>	[0..1]	±		89
	RecordMessage <RcrdMsg>	[1..1]			90
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		92
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		92
Or	Amendment <Amdmnt>	[1..1]	Binary		92
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		92
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		92
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		92
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		93
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		93
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		93
Or	Error <Err>	[1..1]	Binary		93
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		93
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		93
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		93
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		93
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		93
Or	FinancialResponse <FinRspn>	[1..1]	Binary		94
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		94
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		94

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		94
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		94
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		94
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		94
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		94
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		95
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		95
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		95
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		95
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		95
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		95
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		95
Or	RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>	[1..1]	Binary		95
Or	RetrievalFulfilmentResponse <RtrvlFlfmtRspn>	[1..1]	Binary		95
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		96
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		96
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		96
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		96
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		96
Or	VerificationResponse <VrfctnRspn>	[1..1]	Binary		96
	AdditionalData <AddtlData>	[0..*]			96
	Type <Tp>	[0..1]	Text		97
	Value <Val>	[0..1]	Text		97
	ProcessingResult <PrcgRslt>	[0..1]	±		97
	ProtectedData <PrctcdData>	[0..*]	±		97
	SupplementaryData <SplmtryData>	[0..*]	±	C1	100

4.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the message.

Environment <Envt> contains the following **Environment4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		74
	Destination <Dstn>	[1..1]	±		74

4.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Originator of the message.

Originator <Orgtr> contains the following elements (see "Originator1" on page 1836 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1836
	Assigner <Assgnr>	[0..1]	Text		1836
	Country <Ctry>	[0..1]	CodeSet		1836
	ShortName <ShrtNm>	[0..1]	Text		1837

4.4.2.1.2 Destination <Dstn>

Presence: [1..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "Destination1" on page 1837 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1837
	Assigner <Assgnr>	[0..1]	Text		1837
	Country <Ctry>	[0..1]	CodeSet		1837
	ShortName <ShrtNm>	[0..1]	Text		1837

4.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			75
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		75
	Jurisdiction <Jursdctn>	[0..1]			76
	DomesticIndicator <DmstInd>	[0..1]	Indicator		76
	DomesticQualification <DmstQlfctn>	[0..1]	Text		76
	SettlementService <SttlmSvc>	[0..1]	±		76
	Reconciliation <Rcncltn>	[0..1]	±		77
	AdditionalData <AddtlData>	[0..*]			77
	Type <Tp>	[0..1]	Text		78
	Value <Val>	[0..1]	Text		78

4.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		75
	Jurisdiction <Jursdctn>	[0..1]			76
	DomesticIndicator <DmstInd>	[0..1]	Indicator		76
	DomesticQualification <DmstQlfctn>	[0..1]	Text		76
	SettlementService <SttlmSvc>	[0..1]	±		76
	Reconciliation <Rcncltn>	[0..1]	±		77
	AdditionalData <AddtlData>	[0..*]			77
	Type <Tp>	[0..1]	Text		78
	Value <Val>	[0..1]	Text		78

4.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

4.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		76
	DomesticQualification <DmstQlfctn>	[0..1]	Text		76

4.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

4.4.2.2.1.2.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

4.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

4.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

4.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		78
	Value <Val>	[0..1]	Text		78

4.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

4.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

4.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Batch transfer transaction.

Transaction <Tx> contains the following **Transaction141** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionIdentification <TxId>	[0..1]	±		81
	BatchIdentification <BtchId>	[0..1]	Text		81
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		81
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		81
	BatchChecksum <BtchChcksm>	[0..1]	Binary		82
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		82
	ClearingBatchData <ClrBtchData>	[0..*]			82
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		83
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		83
	ClearingPriority <ClrPrty>	[0..1]	Text		83
	ClearingDate <ClrDt>	[0..1]	Date		83
	ClearingTotals <ClrTtls>	[0..1]			84
	Count <Cnt>	[1..1]	Quantity		84
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		84
	InterchangeFee <IntrchgngFee>	[0..1]	±		84
	AgentFee <AgtFee>	[0..1]	±		84
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			85
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		85
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		85
	AgentData <AgtData>	[0..*]			85
	Recipient <Rcpt>	[0..1]	CodeSet		86
	Target <Trgt>	[0..*]	CodeSet		86
	Format <Frmt>	[0..1]	CodeSet		86
	Value <Val>	[1..1]	Text		87
	Record <Rcrd>	[0..*]			87
	SequenceCounter <SeqCntr>	[1..1]	Quantity		89
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		89
	ClearingRecordData <ClrRcrdData>	[0..1]	±		89
	RecordMessage <RcrdMsg>	[1..1]			90
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		92
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		92

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	Amendment <Amdmnt>	[1..1]	Binary		92
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		92
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		92
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		92
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		93
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		93
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		93
Or	Error <Err>	[1..1]	Binary		93
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		93
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		93
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		93
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		93
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		93
Or	FinancialResponse <FinRspn>	[1..1]	Binary		94
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		94
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		94
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		94
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		94
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		94
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		94
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		94
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		95
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		95
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		95
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		95
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		95
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		95
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		95
Or	RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>	[1..1]	Binary		95
Or	RetrievalFulfilmentResponse <RtrvlFlfmtRspn>	[1..1]	Binary		95
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		96

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		96
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		96
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		96
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		96
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		96
	AdditionalData <AddtlData>	[0..*]			96
	Type <Tp>	[0..1]	Text		97
	Value <Val>	[0..1]	Text		97

4.4.2.3.1 TransactionIdentification <TxId>

Presence: [0..1]

Definition: Identification of the batch management transaction.

TransactionIdentification <TxId> contains the following elements (see ["TransactionIdentification12"](#) on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

4.4.2.3.2 BatchIdentification <BtchId>

Presence: [0..1]

Definition: Identification of a batch.

All the messages included within the batch will have the same batch identification value.

Datatype: ["Max70Text"](#) on page 2209

4.4.2.3.3 OriginalBatchIdentification <OrgnlBtchId>

Presence: [0..1]

Definition: Identification of the original batch to answer.

Mandatory when the batch response has not the same identification as the batch initiation.

Datatype: ["Max70Text"](#) on page 2209

4.4.2.3.4 NumberOfMessages <NbOfMsgs>

Presence: [0..1]

Definition: Number of messages.

For a start of a collection, this is the number of expected messages in the collection if known. This is also the last expected message sequence number in the collection.

For a start of a batch, this is the number of expected messages in the batch if known. This is also the last expected message sequence number in the batch.

For a start of a batch acknowledgement, this is the maximum number of messages that can be received in the batch.

For an intermediate acknowledgement, this is the last message sequence number received in sequence.

For an intermediate checkpoint, this is the message sequence number of the last received message.

For an end of batch this is the last message sequence number sent in the closing batch, equal to the number of messages sent in the batch.

For an end of batch acknowledgement, this is the last sequence number received in the sequence.

Datatype: "Number" on page 2198

4.4.2.3.5 BatchChecksum <BtchChcksm>

Presence: [0..1]

Definition: Checksum of the series of messages received in the batch or until a checkpoint.

Datatype: "Max35Binary" on page 2111

4.4.2.3.6 RequestAcknowledgement <ReqAck>

Presence: [0..1]

Definition: Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

4.4.2.3.7 ClearingBatchData <ClrBtchData>

Presence: [0..*]

Definition: Clearing data at batch level allowing clearing in different currencies.

ClearingBatchData <ClrBtchData> contains the following **ClearingBatchData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		83
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		83
	ClearingPriority <ClrPrty>	[0..1]	Text		83
	ClearingDate <ClrDt>	[0..1]	Date		83
	ClearingTotals <ClrTtls>	[0..1]			84
	Count <Cnt>	[1..1]	Quantity		84
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		84
	InterchangeFee <IntrchgngFee>	[0..1]	±		84
	AgentFee <AgtFee>	[0..1]	±		84

4.4.2.3.7.1 ClearingMethod <ClrMtd>

Presence: [1..1]

Definition: Type of clearing method used.

Datatype: "ClearingMethod2Code" on page 2140

CodeName	Name	Definition
DAYC	Day	Day clearing.
DFRD	Deferred	Clearing to be deferred in time.
INST	Instant	Clearing for instant payments and transfers.
OTHN	OtherNational	Other type of clearing method defined at national level.
OTHP	OtherPrivate	Other type of clearing method defined at private level.
RLTM	RealTime	Clearing done in real time.

4.4.2.3.7.2 OtherClearingMethod <OthrClrMtd>

Presence: [0..1]

Definition: Other type of clearing method.

Datatype: "Max35Text" on page 2207

4.4.2.3.7.3 ClearingPriority <ClrPrty>

Presence: [0..1]

Definition: Level of priority of clearing.

Datatype: "Max35Text" on page 2207

4.4.2.3.7.4 ClearingDate <ClrDt>

Presence: [0..1]

Definition: Date of clearing.

Datatype: "ISODate" on page 2196

4.4.2.3.7.5 ClearingTotals <ClrTtls>

Presence: [0..1]

Definition: Clearing totals of the batch file.

ClearingTotals <ClrTtls> contains the following **ClearingTotals2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[1..1]	Quantity		84
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		84

4.4.2.3.7.5.1 Count <Cnt>

Presence: [1..1]

Definition: Number of transactions to clear.

Datatype: "Number" on page 2198

4.4.2.3.7.5.2 AccumulatedAmount <AcmltdAmt>

Presence: [1..1]

Definition: Gross clearing accumulated amount.

AccumulatedAmount <AcmltdAmt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

4.4.2.3.7.6 InterchangeFee <IntrchgFee>

Presence: [0..1]

Definition: Interchange fee.

InterchangeFee <IntrchgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

4.4.2.3.7.7 AgentFee <AgtFee>

Presence: [0..1]

Definition: Fee of the agent.

AgentFee <AgtFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

4.4.2.3.8 ClearingControlTotals <ClrCtrlTtls>

Presence: [0..1]

Definition: Gross amount clearing totals.

ClearingControlTotals <ClrCtrlTtls> contains the following **ClearingControlTotals2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		85
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		85

4.4.2.3.8.1 ClearingControlCount <ClrCtrlCnt>

Presence: [1..1]

Definition: Number of clearing transactions. To be used for control purpose.

Datatype: "Number" on page 2198

4.4.2.3.8.2 ClearingControlAmount <ClrCtrlAmt>

Presence: [1..1]

Definition: Gross accumulated amount of clearing. To be used for control purpose.

ClearingControlAmount <ClrCtrlAmt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

4.4.2.3.9 AgentData <AgtData>

Presence: [0..*]

Definition: Information or instructions relevant for the agent in charge of the clearing.

AgentData <AgtData> contains the following **AdditionalInformation21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		86
	Target <Trgt>	[0..*]	CodeSet		86
	Format <Frmt>	[0..1]	CodeSet		86
	Value <Val>	[1..1]	Text		87

4.4.2.3.9.1 Recipient <Rcpt>

Presence: [0..1]

Definition: Recipient of the additional information to display, print, send or store.

Datatype: "PartyType23Code" on page 2172

CodeName	Name	Definition
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
CLRA	ClearingAgent	Agent in charge of clearing payment or related transactions.

4.4.2.3.9.2 Target <Trgt>

Presence: [0..*]

Definition: Target of the additional information to print, display, send or store.

Datatype: "UserInterface7Code" on page 2194

CodeName	Name	Definition
OCAI	OtherClearingAgentInterface	Data dedicated to another interface maintained by the clearing agent.
CLRL	ClearingAgentLog	Data dedicated to a log maintained by the clearing agent.
CLRA	ClearingAgentApplication	Data dedicated to an application maintained by a clearing agent.

4.4.2.3.9.3 Format <Frmt>

Presence: [0..1]

Definition: Format of the additional information.

Datatype: "OutputFormat4Code" on page 2169

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.

CodeName	Name	Definition
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

4.4.2.3.9.4 Value <Val>

Presence: [1..1]

Definition: Content of or reference to the message.

Datatype: "Max20KText" on page 2205

4.4.2.3.10 Record <Rcrd>

Presence: [0..*]

Definition: Record in batch.

Record <Rcrd> contains the following **Record2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SequenceCounter <SeqCntr>	[1..1]	Quantity		89
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		89
	ClearingRecordData <ClrRcrdData>	[0..1]	±		89
	RecordMessage <RcrdMsg>	[1..1]			90
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		92
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		92
Or	Amendment <Amdmnt>	[1..1]	Binary		92
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		92
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		92
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		92
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		93
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		93
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		93
Or	Error <Err>	[1..1]	Binary		93
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		93
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		93
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		93
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		93
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		93
Or	FinancialResponse <FinRspn>	[1..1]	Binary		94
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		94
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		94
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		94
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		94
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		94
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		94
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		94
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		95
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		95
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		95
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		95

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		95
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		95
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		95
Or	RetrievalFulfilmentInitiation <RtrvlFifmtlInitn>	[1..1]	Binary		95
Or	RetrievalFulfilmentResponse <RtrvlFifmtlRspn>	[1..1]	Binary		95
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		96
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		96
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		96
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		96
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		96
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		96

4.4.2.3.10.1 SequenceCounter <SeqCntr>

Presence: [1..1]

Definition: Sequence counter of the record from 1 to n

Datatype: "Number" on page 2198

4.4.2.3.10.2 RecordChecksumInputValue <RcrdChcksmInptVal>

Presence: [0..1]

Definition: Value of the record to use for the computation of the checksum of the batch.

Datatype: "Max140Binary" on page 2110

4.4.2.3.10.3 ClearingRecordData <ClrRcrdData>

Presence: [0..1]

Definition: Information used with financial type of messages when third-party clearing is involved.

ClearingRecordData <ClrRcrdData> contains the following elements (see "ClearingRecordData2" on page 1376 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		1377
	Destination <Dstr>	[0..1]	±		1377
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		1378
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		1378
	ClearingPriority <ClrPrty>	[0..1]	Text		1378
	ClearingDate <ClrDt>	[0..1]	Date		1378
	ClearingAmount <ClrAmt>	[0..1]	±		1378
	InterchangeFee <IntrchgFee>	[0..1]	±		1379
	AgentFee <AgtFee>	[0..1]	±		1379
	OtherAmount <OthrAmt>	[0..1]			1379
	ClearingCount <ClrCnt>	[1..1]	Quantity		1380
	ClearingAmount <ClrAmt>	[1..1]	±		1380
	InterchangeFee <IntrchgFee>	[0..1]	±		1380
	AgentFee <AgtFee>	[0..1]	±		1380

4.4.2.3.10.4 RecordMessage <RcrdMsg>

Presence: [1..1]

Definition: Message to be sent in a batch transfer as a record.

RecordMessage <RcrdMsg> contains one of the following **RecordMessage1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		92
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		92
Or	Amendment <Amdmnt>	[1..1]	Binary		92
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		92
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		92
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		92
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		93
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		93
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		93
Or	Error <Err>	[1..1]	Binary		93
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		93
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		93
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		93
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		93
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		93
Or	FinancialResponse <FinRspn>	[1..1]	Binary		94
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		94
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		94
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		94
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		94
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		94
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		94
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		94
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		95
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		95
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		95
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		95
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		95
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		95
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		95
Or	RetrievalFulfilmentInitiation <RtrvlFlfmltInitn>	[1..1]	Binary		95

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	RetrievalFulfilmentResponse <RtrvFlfmltRspn>	[1..1]	Binary		95
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		96
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		96
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		96
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		96
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		96
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		96

4.4.2.3.10.4.1 AddendumInitiation <AdddmInitn>

Presence: [1..1]

Definition: Addendum initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.2 AddendumResponse <AdddmRspn>

Presence: [1..1]

Definition: Addendum response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.3 Amendment <Amdmnt>

Presence: [1..1]

Definition: Amendment message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.4 AuthorisationInitiation <AuthstnInitn>

Presence: [1..1]

Definition: Authorisation initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.5 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Authorisation response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.6 CardManagementInitiation <CardMgmtInitn>

Presence: [1..1]

Definition: Card management initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.7 CardManagementResponse <CardMgmtRspn>

Presence: [1..1]

Definition: Card management response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.8 ChargeBackInitiation <ChrgBckInitn>

Presence: [1..1]

Definition: Chargeback initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.9 ChargeBackResponse <ChrgBckRspn>

Presence: [1..1]

Definition: Chargeback response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.10 Error <Err>

Presence: [1..1]

Definition: Error message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.11 FeeCollectionInitiation <FeeColltnInitn>

Presence: [1..1]

Definition: Fee collection initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.12 FeeCollectionResponse <FeeColltnRspn>

Presence: [1..1]

Definition: Fee collection response message record

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.13 FileActionInitiation <FileActnInitn>

Presence: [1..1]

Definition: File action initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.14 FileActionResponse <FileActnRspn>

Presence: [1..1]

Definition: File action response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.15 FinancialInitiation <FinInitn>

Presence: [1..1]

Definition: Financial initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.16 FinancialResponse <FinRspn>

Presence: [1..1]

Definition: Financial response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.17 FraudDispositionInitiation <FrdDspstnInitn>

Presence: [1..1]

Definition: Fraud disposition initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.18 FraudDispositionResponse <FrdDspstnRspn>

Presence: [1..1]

Definition: Fraud disposition response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.19 FraudReportingInitiation <FrdRptgInitn>

Presence: [1..1]

Definition: Fraud reporting initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.20 FraudReportingResponse <FrdRptgRspn>

Presence: [1..1]

Definition: Fraud reporting response record message.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.21 InquiryInitiation <NqryInitn>

Presence: [1..1]

Definition: Inquiry initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.22 InquiryResponse <NqryRspn>

Presence: [1..1]

Definition: Inquiry response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.23 KeyExchangeInitiation <KeyXchgInitn>

Presence: [1..1]

Definition: Key exchange initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.24 KeyExchangeResponse <KeyXchgRspn>

Presence: [1..1]

Definition: Key exchange response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.25 NetworkManagementInitiation <NtwkMgmtInitn>

Presence: [1..1]

Definition: Network management initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.26 NetworkManagementResponse <NtwkMgmtRspn>

Presence: [1..1]

Definition: Network management response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.27 ReconciliationInitiation <RcncltnInitn>

Presence: [1..1]

Definition: Reconciliation initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.28 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Reconciliation response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.29 RetrievalInitiation <RtrvlInitn>

Presence: [1..1]

Definition: Retrieval initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.30 RetrievalResponse <RtrvlRspn>

Presence: [1..1]

Definition: Retrieval response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.31 RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>

Presence: [1..1]

Definition: Retrieval fulfilment initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.32 RetrievalFulfilmentResponse <RtrvlFlfmtRspn>

Presence: [1..1]

Definition: Retrieval fulfilment response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.33 ReversalInitiation <RvslInitn>

Presence: [1..1]

Definition: Reversal initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.34 ReversalResponse <RvslRspn>

Presence: [1..1]

Definition: Reversal response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.35 SettlementReportingInitiation <SttlmRptgInitn>

Presence: [1..1]

Definition: Settlement reporting initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.36 SettlementReportingResponse <SttlmRptgRspn>

Presence: [1..1]

Definition: Settlement reporting response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.37 VerificationInitiation <VrfctnInitn>

Presence: [1..1]

Definition: Verification initiation message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.10.4.38 VerificationResponse <VrfctnRspn>

Presence: [1..1]

Definition: Verification response message record.

Datatype: "Max2MBBinary" on page 2111

4.4.2.3.11 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		97
	Value <Val>	[0..1]	Text		97

4.4.2.3.11.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

4.4.2.3.11.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

4.4.2.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Outcome of processing.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult20" on page 2025 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultData <RsltData>	[1..1]	±		2025
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2025

4.4.2.5 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

4.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

4.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlstnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

5 caad.004.001.02 BatchTransferResponseV02

5.1 MessageDefinition Functionality

The BatchTransferResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a BatchTransferInitiation message.

Outline

The BatchTransferResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the batch transfer.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

5.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchTrfRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		106
	Body <Body>	[1..1]			106
	Environment <Envt>	[1..1]			109
	Originator <Orgtr>	[0..1]	±		110
	Destination <Dstn>	[1..1]	±		110
	Context <Cntxt>	[0..1]			110
	TransactionContext <TxCntxt>	[0..1]			111
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		111
	Jurisdiction <Jursdctn>	[0..1]			112
	DomesticIndicator <DmstInd>	[0..1]	Indicator		112
	DomesticQualification <DmstQlfctn>	[0..1]	Text		112
	SettlementService <SttlmSvc>	[0..1]	±		112
	Reconciliation <Rcncltn>	[0..1]	±		113
	AdditionalData <AddtlData>	[0..*]			113
	Type <Tp>	[0..1]	Text		114
	Value <Val>	[0..1]	Text		114
	Transaction <Tx>	[1..1]			114
	TransactionIdentification <TxId>	[0..1]	±		117
	BatchIdentification <BtchId>	[0..1]	Text		117
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		117
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		117
	BatchChecksum <BtchChcksm>	[0..1]	Binary		118
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		118
	ClearingBatchData <ClrBtchData>	[0..*]			118
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		119
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		119
	ClearingPriority <ClrPrty>	[0..1]	Text		119
	ClearingDate <ClrDt>	[0..1]	Date		119
	ClearingTotals <ClrTtls>	[0..1]			120

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[1..1]	Quantity		120
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		120
	InterchangeFee <IntrchgngFee>	[0..1]	±		120
	AgentFee <AgtFee>	[0..1]	±		120
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			121
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		121
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		121
	AgentData <AgtData>	[0..*]			121
	Recipient <Rcpt>	[0..1]	CodeSet		122
	Target <Trgt>	[0..*]	CodeSet		122
	Format <Frmt>	[0..1]	CodeSet		122
	Value <Val>	[1..1]	Text		123
	Record <Rcrd>	[0..*]			123
	SequenceCounter <SeqCntr>	[1..1]	Quantity		125
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		125
	ClearingRecordData <ClrRcrdData>	[0..1]	±		125
	RecordMessage <RcrdMsg>	[1..1]			126
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		128
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		128
Or	Amendment <Amdmnt>	[1..1]	Binary		128
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		128
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		128
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		128
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		129
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		129
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		129
Or	Error <Err>	[1..1]	Binary		129
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		129
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		129
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		129
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		129

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		129
Or	FinancialResponse <FinRspn>	[1..1]	Binary		130
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		130
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		130
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		130
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		130
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		130
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		130
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		130
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		131
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		131
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		131
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		131
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		131
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		131
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		131
Or	RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>	[1..1]	Binary		131
Or	RetrievalFulfilmentResponse <RtrvlFlfmtRspn>	[1..1]	Binary		131
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		132
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		132
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		132
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		132
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		132
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		132
	AdditionalData <AddtlData>	[0..*]			132
	Type <Tp>	[0..1]	Text		133
	Value <Val>	[0..1]	Text		133
	ProcessingResult <PrccgRslt>	[1..1]	±		133
	ProtectedData <PrctcdData>	[0..*]	±		133
	SupplementaryData <SplmtryData>	[0..*]	±	C1	136
	SecurityTrailer <SctyTrlr>	[0..1]	±		136

5.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

5.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

5.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "[Header60](#)" on [page 1752](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

5.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the batch transfer.

Body <Body> contains the following **BatchTransferResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			109
	Originator <Orgtr>	[0..1]	±		110
	Destination <Dstn>	[1..1]	±		110
	Context <Cntxt>	[0..1]			110
	TransactionContext <TxCntxt>	[0..1]			111
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		111
	Jurisdiction <Jursdctn>	[0..1]			112
	DomesticIndicator <DmstInd>	[0..1]	Indicator		112
	DomesticQualification <DmstQlfcnt>	[0..1]	Text		112
	SettlementService <SttlmSvc>	[0..1]	±		112
	Reconciliation <Rcncltn>	[0..1]	±		113
	AdditionalData <AddtlData>	[0..*]			113
	Type <Tp>	[0..1]	Text		114
	Value <Val>	[0..1]	Text		114
	Transaction <Tx>	[1..1]			114
	TransactionIdentification <Txld>	[0..1]	±		117
	BatchIdentification <Btchld>	[0..1]	Text		117
	OriginalBatchIdentification <OrgnlBtchld>	[0..1]	Text		117
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		117
	BatchChecksum <BtchChcksm>	[0..1]	Binary		118
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		118
	ClearingBatchData <ClrBtchData>	[0..*]			118
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		119
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		119
	ClearingPriority <ClrPrty>	[0..1]	Text		119
	ClearingDate <ClrDt>	[0..1]	Date		119
	ClearingTotals <ClrTtls>	[0..1]			120
	Count <Cnt>	[1..1]	Quantity		120
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		120
	InterchangeFee <IntrchnngFee>	[0..1]	±		120
	AgentFee <AgtFee>	[0..1]	±		120

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			121
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		121
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		121
	AgentData <AgtData>	[0..*]			121
	Recipient <Rcpt>	[0..1]	CodeSet		122
	Target <Trgt>	[0..*]	CodeSet		122
	Format <Frmt>	[0..1]	CodeSet		122
	Value <Val>	[1..1]	Text		123
	Record <Rcrd>	[0..*]			123
	SequenceCounter <SeqCntr>	[1..1]	Quantity		125
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		125
	ClearingRecordData <ClrRcrdData>	[0..1]	±		125
	RecordMessage <RcrdMsg>	[1..1]			126
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		128
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		128
Or	Amendment <Amdmnt>	[1..1]	Binary		128
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		128
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		128
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		128
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		129
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		129
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		129
Or	Error <Err>	[1..1]	Binary		129
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		129
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		129
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		129
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		129
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		129
Or	FinancialResponse <FinRspn>	[1..1]	Binary		130
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		130
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		130

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		130
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		130
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		130
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		130
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		130
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		131
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		131
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		131
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		131
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		131
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		131
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		131
Or	RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>	[1..1]	Binary		131
Or	RetrievalFulfilmentResponse <RtrvlFlfmtRspn>	[1..1]	Binary		131
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		132
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		132
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		132
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		132
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		132
Or	VerificationResponse <VrfctnRspn>	[1..1]	Binary		132
	AdditionalData <AddtlData>	[0..*]			132
	Type <Tp>	[0..1]	Text		133
	Value <Val>	[0..1]	Text		133
	ProcessingResult <PrcgRslt>	[1..1]	±		133
	ProtectedData <PrtctdData>	[0..*]	±		133
	SupplementaryData <SplmtryData>	[0..*]	±	C1	136

5.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the message.

Environment <Envt> contains the following **Environment4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		110
	Destination <Dstn>	[1..1]	±		110

5.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Originator of the message.

Originator <Orgtr> contains the following elements (see "[Originator1](#)" on page 1836 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1836
	Assigner <Assgnr>	[0..1]	Text		1836
	Country <Ctry>	[0..1]	CodeSet		1836
	ShortName <ShrtNm>	[0..1]	Text		1837

5.4.2.1.2 Destination <Dstn>

Presence: [1..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "[Destination1](#)" on page 1837 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1837
	Assigner <Assgnr>	[0..1]	Text		1837
	Country <Ctry>	[0..1]	CodeSet		1837
	ShortName <ShrtNm>	[0..1]	Text		1837

5.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			111
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		111
	Jurisdiction <Jursdctn>	[0..1]			112
	DomesticIndicator <DmstInd>	[0..1]	Indicator		112
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		112
	SettlementService <SttlmSvc>	[0..1]	±		112
	Reconciliation <Rcncltn>	[0..1]	±		113
	AdditionalData <AddtlData>	[0..*]			113
	Type <Tp>	[0..1]	Text		114
	Value <Val>	[0..1]	Text		114

5.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		111
	Jurisdiction <Jursdctn>	[0..1]			112
	DomesticIndicator <DmstInd>	[0..1]	Indicator		112
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		112
	SettlementService <SttlmSvc>	[0..1]	±		112
	Reconciliation <Rcncltn>	[0..1]	±		113
	AdditionalData <AddtlData>	[0..*]			113
	Type <Tp>	[0..1]	Text		114
	Value <Val>	[0..1]	Text		114

5.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

5.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		112
	DomesticQualification <DmstQlfctn>	[0..1]	Text		112

5.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

5.4.2.2.1.2.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

5.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see ["SettlementService4"](#) on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

5.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see ["Reconciliation3"](#) on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

5.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		114
	Value <Val>	[0..1]	Text		114

5.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

5.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

5.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Batch transfer transaction.

Transaction <Tx> contains the following **Transaction141** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionIdentification <TxId>	[0..1]	±		117
	BatchIdentification <BtchId>	[0..1]	Text		117
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		117
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		117
	BatchChecksum <BtchChcksm>	[0..1]	Binary		118
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		118
	ClearingBatchData <ClrBtchData>	[0..*]			118
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		119
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		119
	ClearingPriority <ClrPrty>	[0..1]	Text		119
	ClearingDate <ClrDt>	[0..1]	Date		119
	ClearingTotals <ClrTtls>	[0..1]			120
	Count <Cnt>	[1..1]	Quantity		120
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		120
	InterchangeFee <IntrchgngFee>	[0..1]	±		120
	AgentFee <AgtFee>	[0..1]	±		120
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			121
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		121
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		121
	AgentData <AgtData>	[0..*]			121
	Recipient <Rcpt>	[0..1]	CodeSet		122
	Target <Trgt>	[0..*]	CodeSet		122
	Format <Frmt>	[0..1]	CodeSet		122
	Value <Val>	[1..1]	Text		123
	Record <Rcrd>	[0..*]			123
	SequenceCounter <SeqCntr>	[1..1]	Quantity		125
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		125
	ClearingRecordData <ClrRcrdData>	[0..1]	±		125
	RecordMessage <RcrdMsg>	[1..1]			126
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		128
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		128

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	Amendment <Amdmnt>	[1..1]	Binary		128
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		128
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		128
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		128
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		129
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		129
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		129
Or	Error <Err>	[1..1]	Binary		129
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		129
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		129
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		129
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		129
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		129
Or	FinancialResponse <FinRspn>	[1..1]	Binary		130
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		130
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		130
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		130
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		130
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		130
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		130
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		130
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		131
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		131
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		131
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		131
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		131
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		131
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		131
Or	RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>	[1..1]	Binary		131
Or	RetrievalFulfilmentResponse <RtrvlFlfmtRspn>	[1..1]	Binary		131
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		132

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		132
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		132
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		132
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		132
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		132
	AdditionalData <AddtlData>	[0..*]			132
	Type <Tp>	[0..1]	Text		133
	Value <Val>	[0..1]	Text		133

5.4.2.3.1 TransactionIdentification <TxId>

Presence: [0..1]

Definition: Identification of the batch management transaction.

TransactionIdentification <TxId> contains the following elements (see ["TransactionIdentification12"](#) on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

5.4.2.3.2 BatchIdentification <BtchId>

Presence: [0..1]

Definition: Identification of a batch.

All the messages included within the batch will have the same batch identification value.

Datatype: ["Max70Text"](#) on page 2209

5.4.2.3.3 OriginalBatchIdentification <OrgnlBtchId>

Presence: [0..1]

Definition: Identification of the original batch to answer.

Mandatory when the batch response has not the same identification as the batch initiation.

Datatype: ["Max70Text"](#) on page 2209

5.4.2.3.4 NumberOfMessages <NbOfMsgs>

Presence: [0..1]

Definition: Number of messages.

For a start of a collection, this is the number of expected messages in the collection if known. This is also the last expected message sequence number in the collection.

For a start of a batch, this is the number of expected messages in the batch if known. This is also the last expected message sequence number in the batch.

For a start of a batch acknowledgement, this is the maximum number of messages that can be received in the batch.

For an intermediate acknowledgement, this is the last message sequence number received in sequence.

For an intermediate checkpoint, this is the message sequence number of the last received message.

For an end of batch this is the last message sequence number sent in the closing batch, equal to the number of messages sent in the batch.

For an end of batch acknowledgement, this is the last sequence number received in the sequence.

Datatype: "Number" on page 2198

5.4.2.3.5 BatchChecksum <BtchChcksm>

Presence: [0..1]

Definition: Checksum of the series of messages received in the batch or until a checkpoint.

Datatype: "Max35Binary" on page 2111

5.4.2.3.6 RequestAcknowledgement <ReqAck>

Presence: [0..1]

Definition: Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

5.4.2.3.7 ClearingBatchData <ClrBtchData>

Presence: [0..*]

Definition: Clearing data at batch level allowing clearing in different currencies.

ClearingBatchData <ClrBtchData> contains the following **ClearingBatchData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		119
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		119
	ClearingPriority <ClrPrty>	[0..1]	Text		119
	ClearingDate <ClrDt>	[0..1]	Date		119
	ClearingTotals <ClrTtls>	[0..1]			120
	Count <Cnt>	[1..1]	Quantity		120
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		120
	InterchangeFee <IntrchgngFee>	[0..1]	±		120
	AgentFee <AgtFee>	[0..1]	±		120

5.4.2.3.7.1 ClearingMethod <ClrMtd>

Presence: [1..1]

Definition: Type of clearing method used.

Datatype: "ClearingMethod2Code" on page 2140

CodeName	Name	Definition
DAYC	Day	Day clearing.
DFRD	Deferred	Clearing to be deferred in time.
INST	Instant	Clearing for instant payments and transfers.
OTHN	OtherNational	Other type of clearing method defined at national level.
OTHP	OtherPrivate	Other type of clearing method defined at private level.
RLTM	RealTime	Clearing done in real time.

5.4.2.3.7.2 OtherClearingMethod <OthrClrMtd>

Presence: [0..1]

Definition: Other type of clearing method.

Datatype: "Max35Text" on page 2207

5.4.2.3.7.3 ClearingPriority <ClrPrty>

Presence: [0..1]

Definition: Level of priority of clearing.

Datatype: "Max35Text" on page 2207

5.4.2.3.7.4 ClearingDate <ClrDt>

Presence: [0..1]

Definition: Date of clearing.

Datatype: "ISODate" on page 2196

5.4.2.3.7.5 ClearingTotals <ClrTtls>

Presence: [0..1]

Definition: Clearing totals of the batch file.

ClearingTotals <ClrTtls> contains the following **ClearingTotals2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[1..1]	Quantity		120
	AccumulatedAmount <AcmltdAmt>	[1..1]	±		120

5.4.2.3.7.5.1 Count <Cnt>

Presence: [1..1]

Definition: Number of transactions to clear.

Datatype: "Number" on page 2198

5.4.2.3.7.5.2 AccumulatedAmount <AcmltdAmt>

Presence: [1..1]

Definition: Gross clearing accumulated amount.

AccumulatedAmount <AcmltdAmt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

5.4.2.3.7.6 InterchangeFee <IntrchgFee>

Presence: [0..1]

Definition: Interchange fee.

InterchangeFee <IntrchgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

5.4.2.3.7.7 AgentFee <AgtFee>

Presence: [0..1]

Definition: Fee of the agent.

AgentFee <AgtFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

5.4.2.3.8 ClearingControlTotals <ClrCtrlTtls>

Presence: [0..1]

Definition: Gross amount clearing totals.

ClearingControlTotals <ClrCtrlTtls> contains the following **ClearingControlTotals2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingControlCount <ClrCtrlCnt>	[1..1]	Quantity		121
	ClearingControlAmount <ClrCtrlAmt>	[1..1]	±		121

5.4.2.3.8.1 ClearingControlCount <ClrCtrlCnt>

Presence: [1..1]

Definition: Number of clearing transactions. To be used for control purpose.

Datatype: "Number" on page 2198

5.4.2.3.8.2 ClearingControlAmount <ClrCtrlAmt>

Presence: [1..1]

Definition: Gross accumulated amount of clearing. To be used for control purpose.

ClearingControlAmount <ClrCtrlAmt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

5.4.2.3.9 AgentData <AgtData>

Presence: [0..*]

Definition: Information or instructions relevant for the agent in charge of the clearing.

AgentData <AgtData> contains the following **AdditionalInformation21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		122
	Target <Trgt>	[0..*]	CodeSet		122
	Format <Frmt>	[0..1]	CodeSet		122
	Value <Val>	[1..1]	Text		123

5.4.2.3.9.1 Recipient <Rcpt>

Presence: [0..1]

Definition: Recipient of the additional information to display, print, send or store.

Datatype: "PartyType23Code" on page 2172

CodeName	Name	Definition
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
CLRA	ClearingAgent	Agent in charge of clearing payment or related transactions.

5.4.2.3.9.2 Target <Trgt>

Presence: [0..*]

Definition: Target of the additional information to print, display, send or store.

Datatype: "UserInterface7Code" on page 2194

CodeName	Name	Definition
OCAI	OtherClearingAgentInterface	Data dedicated to another interface maintained by the clearing agent.
CLRL	ClearingAgentLog	Data dedicated to a log maintained by the clearing agent.
CLRA	ClearingAgentApplication	Data dedicated to an application maintained by a clearing agent.

5.4.2.3.9.3 Format <Frmt>

Presence: [0..1]

Definition: Format of the additional information.

Datatype: "OutputFormat4Code" on page 2169

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.

CodeName	Name	Definition
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

5.4.2.3.9.4 Value <Val>

Presence: [1..1]

Definition: Content of or reference to the message.

Datatype: "Max20KText" on page 2205

5.4.2.3.10 Record <Rcrd>

Presence: [0..*]

Definition: Record in batch.

Record <Rcrd> contains the following **Record2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SequenceCounter <SeqCntr>	[1..1]	Quantity		125
	RecordChecksumInputValue <RcrdChcksmInptVal>	[0..1]	Binary		125
	ClearingRecordData <ClrRcrdData>	[0..1]	±		125
	RecordMessage <RcrdMsg>	[1..1]			126
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		128
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		128
Or	Amendment <Amdmnt>	[1..1]	Binary		128
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		128
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		128
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		128
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		129
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		129
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		129
Or	Error <Err>	[1..1]	Binary		129
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		129
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		129
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		129
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		129
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		129
Or	FinancialResponse <FinRspn>	[1..1]	Binary		130
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		130
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		130
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		130
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		130
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		130
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		130
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		130
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		131
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		131
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		131
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		131
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		131
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		131
Or	RetrievalFulfilmentInitiation <RtrvlFfmltInitn>	[1..1]	Binary		131
Or	RetrievalFulfilmentResponse <RtrvlFfmltRspn>	[1..1]	Binary		131
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		132
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		132
Or	SettlementReportingInitiation <SttlmRptgInitn>	[1..1]	Binary		132
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		132
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		132
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		132

5.4.2.3.10.1 SequenceCounter <SeqCntr>

Presence: [1..1]

Definition: Sequence counter of the record from 1 to n

Datatype: "Number" on page 2198

5.4.2.3.10.2 RecordChecksumInputValue <RcrdChcksmInptVal>

Presence: [0..1]

Definition: Value of the record to use for the computation of the checksum of the batch.

Datatype: "Max140Binary" on page 2110

5.4.2.3.10.3 ClearingRecordData <ClrRcrdData>

Presence: [0..1]

Definition: Information used with financial type of messages when third-party clearing is involved.

ClearingRecordData <ClrRcrdData> contains the following elements (see "ClearingRecordData2" on page 1376 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		1377
	Destination <Dstr>	[0..1]	±		1377
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		1378
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		1378
	ClearingPriority <ClrPrty>	[0..1]	Text		1378
	ClearingDate <ClrDt>	[0..1]	Date		1378
	ClearingAmount <ClrAmt>	[0..1]	±		1378
	InterchangeFee <IntrchgFee>	[0..1]	±		1379
	AgentFee <AgtFee>	[0..1]	±		1379
	OtherAmount <OthrAmt>	[0..1]			1379
	ClearingCount <ClrCnt>	[1..1]	Quantity		1380
	ClearingAmount <ClrAmt>	[1..1]	±		1380
	InterchangeFee <IntrchgFee>	[0..1]	±		1380
	AgentFee <AgtFee>	[0..1]	±		1380

5.4.2.3.10.4 RecordMessage <RcrdMsg>

Presence: [1..1]

Definition: Message to be sent in a batch transfer as a record.

RecordMessage <RcrdMsg> contains one of the following **RecordMessage1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	AddendumInitiation <AdddmInitn>	[1..1]	Binary		128
Or	AddendumResponse <AdddmRspn>	[1..1]	Binary		128
Or	Amendment <Amdmnt>	[1..1]	Binary		128
Or	AuthorisationInitiation <AuthstnInitn>	[1..1]	Binary		128
Or	AuthorisationResponse <AuthstnRspn>	[1..1]	Binary		128
Or	CardManagementInitiation <CardMgmtInitn>	[1..1]	Binary		128
Or	CardManagementResponse <CardMgmtRspn>	[1..1]	Binary		129
Or	ChargeBackInitiation <ChrgBckInitn>	[1..1]	Binary		129
Or	ChargeBackResponse <ChrgBckRspn>	[1..1]	Binary		129
Or	Error <Err>	[1..1]	Binary		129
Or	FeeCollectionInitiation <FeeColltnInitn>	[1..1]	Binary		129
Or	FeeCollectionResponse <FeeColltnRspn>	[1..1]	Binary		129
Or	FileActionInitiation <FileActnInitn>	[1..1]	Binary		129
Or	FileActionResponse <FileActnRspn>	[1..1]	Binary		129
Or	FinancialInitiation <FinInitn>	[1..1]	Binary		129
Or	FinancialResponse <FinRspn>	[1..1]	Binary		130
Or	FraudDispositionInitiation <FrdDspstnInitn>	[1..1]	Binary		130
Or	FraudDispositionResponse <FrdDspstnRspn>	[1..1]	Binary		130
Or	FraudReportingInitiation <FrdRptgInitn>	[1..1]	Binary		130
Or	FraudReportingResponse <FrdRptgRspn>	[1..1]	Binary		130
Or	InquiryInitiation <NqryInitn>	[1..1]	Binary		130
Or	InquiryResponse <NqryRspn>	[1..1]	Binary		130
Or	KeyExchangeInitiation <KeyXchgInitn>	[1..1]	Binary		130
Or	KeyExchangeResponse <KeyXchgRspn>	[1..1]	Binary		131
Or	NetworkManagementInitiation <NtwkMgmtInitn>	[1..1]	Binary		131
Or	NetworkManagementResponse <NtwkMgmtRspn>	[1..1]	Binary		131
Or	ReconciliationInitiation <RcncltnInitn>	[1..1]	Binary		131
Or	ReconciliationResponse <RcncltnRspn>	[1..1]	Binary		131
Or	RetrievalInitiation <RtrvlInitn>	[1..1]	Binary		131
Or	RetrievalResponse <RtrvlRspn>	[1..1]	Binary		131
Or	RetrievalFulfilmentInitiation <RtrvlFlfmltnInitn>	[1..1]	Binary		131

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	RetrievalFulfilmentResponse <RtrvFlfmltRspn>	[1..1]	Binary		131
Or	ReversalInitiation <RvslInitn>	[1..1]	Binary		132
Or	ReversalResponse <RvslRspn>	[1..1]	Binary		132
Or	SettlementReportingInitiation <SttlmRptglnitn>	[1..1]	Binary		132
Or	SettlementReportingResponse <SttlmRptgRspn>	[1..1]	Binary		132
Or	VerificationInitiation <VrfctnInitn>	[1..1]	Binary		132
Or}	VerificationResponse <VrfctnRspn>	[1..1]	Binary		132

5.4.2.3.10.4.1 AddendumInitiation <AdddmInitn>

Presence: [1..1]

Definition: Addendum initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.2 AddendumResponse <AdddmRspn>

Presence: [1..1]

Definition: Addendum response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.3 Amendment <Amdmnt>

Presence: [1..1]

Definition: Amendment message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.4 AuthorisationInitiation <AuthstnInitn>

Presence: [1..1]

Definition: Authorisation initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.5 AuthorisationResponse <AuthstnRspn>

Presence: [1..1]

Definition: Authorisation response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.6 CardManagementInitiation <CardMgmtInitn>

Presence: [1..1]

Definition: Card management initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.7 CardManagementResponse <CardMgmtRspn>

Presence: [1..1]

Definition: Card management response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.8 ChargeBackInitiation <ChrgBckInitn>

Presence: [1..1]

Definition: Chargeback initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.9 ChargeBackResponse <ChrgBckRspn>

Presence: [1..1]

Definition: Chargeback response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.10 Error <Err>

Presence: [1..1]

Definition: Error message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.11 FeeCollectionInitiation <FeeColltnInitn>

Presence: [1..1]

Definition: Fee collection initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.12 FeeCollectionResponse <FeeColltnRspn>

Presence: [1..1]

Definition: Fee collection response message record

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.13 FileActionInitiation <FileActnInitn>

Presence: [1..1]

Definition: File action initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.14 FileActionResponse <FileActnRspn>

Presence: [1..1]

Definition: File action response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.15 FinancialInitiation <FinInitn>

Presence: [1..1]

Definition: Financial initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.16 FinancialResponse <FinRspn>

Presence: [1..1]

Definition: Financial response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.17 FraudDispositionInitiation <FrdDspstnInitn>

Presence: [1..1]

Definition: Fraud disposition initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.18 FraudDispositionResponse <FrdDspstnRspn>

Presence: [1..1]

Definition: Fraud disposition response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.19 FraudReportingInitiation <FrdRptgInitn>

Presence: [1..1]

Definition: Fraud reporting initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.20 FraudReportingResponse <FrdRptgRspn>

Presence: [1..1]

Definition: Fraud reporting response record message.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.21 InquiryInitiation <NqryInitn>

Presence: [1..1]

Definition: Inquiry initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.22 InquiryResponse <NqryRspn>

Presence: [1..1]

Definition: Inquiry response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.23 KeyExchangeInitiation <KeyXchgInitn>

Presence: [1..1]

Definition: Key exchange initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.24 KeyExchangeResponse <KeyXchgRspn>

Presence: [1..1]

Definition: Key exchange response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.25 NetworkManagementInitiation <NtwkMgmtInittn>

Presence: [1..1]

Definition: Network management initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.26 NetworkManagementResponse <NtwkMgmtRspn>

Presence: [1..1]

Definition: Network management response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.27 ReconciliationInitiation <RcncltnInittn>

Presence: [1..1]

Definition: Reconciliation initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.28 ReconciliationResponse <RcncltnRspn>

Presence: [1..1]

Definition: Reconciliation response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.29 RetrievalInitiation <RtrvlInittn>

Presence: [1..1]

Definition: Retrieval initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.30 RetrievalResponse <RtrvlRspn>

Presence: [1..1]

Definition: Retrieval response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.31 RetrievalFulfilmentInitiation <RtrvlFlfmtInittn>

Presence: [1..1]

Definition: Retrieval fulfilment initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.32 RetrievalFulfilmentResponse <RtrvlFlfmtRspn>

Presence: [1..1]

Definition: Retrieval fulfilment response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.33 ReversalInitiation <RvslInitn>

Presence: [1..1]

Definition: Reversal initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.34 ReversalResponse <RvslRspn>

Presence: [1..1]

Definition: Reversal response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.35 SettlementReportingInitiation <SttlmRptgInitn>

Presence: [1..1]

Definition: Settlement reporting initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.36 SettlementReportingResponse <SttlmRptgRspn>

Presence: [1..1]

Definition: Settlement reporting response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.37 VerificationInitiation <VrfctnInitn>

Presence: [1..1]

Definition: Verification initiation message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.10.4.38 VerificationResponse <VrfctnRspn>

Presence: [1..1]

Definition: Verification response message record.

Datatype: "Max2MBBinary" on page 2111

5.4.2.3.11 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		133
	Value <Val>	[0..1]	Text		133

5.4.2.3.11.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**5.4.2.3.11.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**5.4.2.4 ProcessingResult <PrcgRsIt>***Presence:* [1..1]*Definition:* Outcome of processing.**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult13" on page 2059 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2060
	ResultData <RsItData>	[1..1]	±		2060
	ApprovalCode <ApprvlCd>	[0..1]	Text		2061
	ErrorDetail <ErrDtl>	[0..*]			2061
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2061
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2062
	ErrorCode <ErrCd>	[0..1]	Text		2062
	ErrorDescription <ErrDesc>	[0..1]	Text		2062
	DataElementInError <DataElmtInErr>	[0..*]	Text		2062
	OriginalResultData <OrgnlRsItData>	[0..1]	±		2062
	AdditionalInformation <AddtlInf>	[0..*]	±		2063

5.4.2.5 ProtectedData <PrtctdData>*Presence:* [0..*]*Definition:* Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

5.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

5.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

6 caad.005.001.03 ReconciliationInitiationV03

6.1 MessageDefinition Functionality

The ReconciliationInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer).

Reconciliation is the exchange between two interchanging parties (Acquirer, Issuer or Agent) of totals and/or counts of messages within a specific session.

Outline

The ReconciliationInitiationV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Information related to the management of the protocol.
- B. Body
Information related to the reconciliation.
- C. SecurityTrailer
Trailer of the message containing a MAC

6.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RcncltnInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		140
	Body <Body>	[1..1]			141
	Environment <Envnt>	[1..1]			143
	Originator <Orgtr>	[0..1]	±		143
	Sender <Sndr>	[0..1]	±		144
	Receiver <Rcvr>	[0..1]	±		145
	Destination <Dstn>	[0..1]	±		146
	Context <Cntxt>	[0..1]			147
	TransactionContext <TxCntxt>	[0..1]			148
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		148
	Jurisdiction <Jursdctn>	[0..1]			149
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		149
	DomesticQualification <DmstQlfctn>	[0..1]	Text		149
	SettlementService <SttlmSvc>	[0..1]	±		149
	Reconciliation <Rcncltn>	[0..1]	±		150
	AdditionalData <AddtlData>	[0..*]			150
	Type <Tp>	[0..1]	Text		151
	Value <Val>	[0..1]	Text		151
	Transaction <Tx>	[1..1]			151
	ReconciliationFunction <RcncltnFctn>	[1..1]	CodeSet		152
	ReconciliationActivityType <RcncltnActvtyTp>	[0..1]	CodeSet		152
	OtherReconciliationActivityType <OthrRcncltnActvtyTp>	[0..1]	Text		153
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		153
	OtherReconciliationType <OthrRcncltnTp>	[0..1]	Text		153
	TransactionIdentification <Txld>	[0..1]	±		153
	RequestedCurrency <ReqdCcy>	[0..*]	Text		154
	ReconciliationTotals <RcncltnTtls>	[0..*]			154
	Reconciliation <Rcncltn>	[0..1]	±		154
	FinancialReconciliation <FinRcncltn>	[0..*]	±		155

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReconciliation <MsgRcncltn>	[0..*]	±		155
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		155
	Currency <Ccy>	[1..1]	Text		156
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		156
	AdditionalFee <AddtlFee>	[0..*]	±		156
	AdditionalData <AddtlData>	[0..*]			157
	Type <Tp>	[0..1]	Text		157
	Value <Val>	[0..1]	Text		157
	ProtectedData <PrctcdData>	[0..*]	±		157
	SupplementaryData <SplmtryData>	[0..*]	±	C1	160
	SecurityTrailer <SctyTrlr>	[0..1]	±		160

6.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

6.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

6.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

6.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the reconciliation.

Body <Body> contains the following ReconciliationInitiation2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			143
	Originator <Orgtr>	[0..1]	±		143
	Sender <Sndr>	[0..1]	±		144
	Receiver <Rcvr>	[0..1]	±		145
	Destination <Dstn>	[0..1]	±		146
	Context <Cntxt>	[0..1]			147
	TransactionContext <TxCntxt>	[0..1]			148
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		148
	Jurisdiction <Jursdctn>	[0..1]			149
	DomesticIndicator <DmstInd>	[0..1]	Indicator		149
	DomesticQualification <DmstQlfctn>	[0..1]	Text		149
	SettlementService <SttlmSvc>	[0..1]	±		149
	Reconciliation <Rcncltn>	[0..1]	±		150
	AdditionalData <AddtlData>	[0..*]			150
	Type <Tp>	[0..1]	Text		151
	Value <Val>	[0..1]	Text		151
	Transaction <Tx>	[1..1]			151
	ReconciliationFunction <RcncltnFctn>	[1..1]	CodeSet		152
	ReconciliationActivityType <RcncltnActvtyTp>	[0..1]	CodeSet		152
	OtherReconciliationActivityType <OthrRcncltnActvtyTp>	[0..1]	Text		153
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		153
	OtherReconciliationType <OthrRcncltnTp>	[0..1]	Text		153
	TransactionIdentification <TxId>	[0..1]	±		153
	RequestedCurrency <ReqdCcy>	[0..*]	Text		154
	ReconciliationTotals <RcncltnTtls>	[0..*]			154
	Reconciliation <Rcncltn>	[0..1]	±		154
	FinancialReconciliation <FinRcncltn>	[0..*]	±		155
	MessageReconciliation <MsgRcncltn>	[0..*]	±		155
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		155
	Currency <Ccy>	[1..1]	Text		156

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		156
	AdditionalFee <AddtlFee>	[0..*]	±		156
	AdditionalData <AddtlData>	[0..*]			157
	Type <Tp>	[0..1]	Text		157
	Value <Val>	[0..1]	Text		157
	ProtectedData <PrctcdData>	[0..*]	±		157
	SupplementaryData <SplmtryData>	[0..*]	±	C1	160

6.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		143
	Sender <Sndr>	[0..1]	±		144
	Receiver <Rcvr>	[0..1]	±		145
	Destination <Dstn>	[0..1]	±		146

6.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

6.4.2.1.2 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

6.4.2.1.3 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

6.4.2.1.4 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

6.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			148
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		148
	Jurisdiction <Jursdctn>	[0..1]			149
	DomesticIndicator <DmstInd>	[0..1]	Indicator		149
	DomesticQualification <DmstQlfctn>	[0..1]	Text		149
	SettlementService <SttlmSvc>	[0..1]	±		149
	Reconciliation <Rcncltn>	[0..1]	±		150
	AdditionalData <AddtlData>	[0..*]			150
	Type <Tp>	[0..1]	Text		151
	Value <Val>	[0..1]	Text		151

6.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		148
	Jurisdiction <Jursdctn>	[0..1]			149
	DomesticIndicator <DmstInd>	[0..1]	Indicator		149
	DomesticQualification <DmstQlfctn>	[0..1]	Text		149
	SettlementService <SttlmSvc>	[0..1]	±		149
	Reconciliation <Rcncltn>	[0..1]	±		150
	AdditionalData <AddtlData>	[0..*]			150
	Type <Tp>	[0..1]	Text		151
	Value <Val>	[0..1]	Text		151

6.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

6.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		149
	DomesticQualification <DmstQlfctn>	[0..1]	Text		149

6.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

6.4.2.2.1.2.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

6.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

6.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

6.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		151
	Value <Val>	[0..1]	Text		151

6.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

6.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

6.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Data pertaining to the reconciliation transaction.

Transaction <Tx> contains the following **Transaction135** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationFunction <RcncltnFctn>	[1..1]	CodeSet		152
	ReconciliationActivityType <RcncltnActvtyTp>	[0..1]	CodeSet		152
	OtherReconciliationActivityType <OthrRcncltnActvtyTp>	[0..1]	Text		153
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		153
	OtherReconciliationType <OthrRcncltnTp>	[0..1]	Text		153
	TransactionIdentification <TxId>	[0..1]	±		153
	RequestedCurrency <ReqdCcy>	[0..*]	Text		154
	ReconciliationTotals <RcncltnTtls>	[0..*]			154
	Reconciliation <Rcncltn>	[0..1]	±		154
	FinancialReconciliation <FinRcncltn>	[0..*]	±		155
	MessageReconciliation <MsgRcncltn>	[0..*]	±		155
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		155
	Currency <Ccy>	[1..1]	Text		156
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		156
	AdditionalFee <AddtlFee>	[0..*]	±		156
	AdditionalData <AddtlData>	[0..*]			157
	Type <Tp>	[0..1]	Text		157
	Value <Val>	[0..1]	Text		157

6.4.2.3.1 ReconciliationFunction <RcncltnFctn>

Presence: [1..1]

Definition: Type of reconciliation.

Datatype: "ReconciliationFunction1Code" on page 2182

CodeName	Name	Definition
INQR	Inquire	Inquiry for reconciliation totals
INCU	InitiateCutover	Initiation of a cutover.
CNVY	Convey	Convey reconciliation totals

6.4.2.3.2 ReconciliationActivityType <RcncltnActvtyTp>

Presence: [0..1]

Definition: A code to indicate the activity type to be reconciled.

Datatype: "ReconciliationActivityType1Code" on page 2181

CodeName	Name	Definition
ACQG	Acquiring	Acquiring activity.
CNSD	Consolidated	All types of activity.
ISSG	Issuing	Issuing activity
OTHN	OtherNational	Other reconciliation activity type defined at national level
OTHP	OtherPrivate	Other reconciliation activity type defined at private level

6.4.2.3.3 OtherReconciliationActivityType <OthrRcncltnActvtyTp>

Presence: [0..1]

Definition: Other reconciliation activity type defined at private or national level

Datatype: "Max35Text" on page 2207

6.4.2.3.4 ReconciliationType <RcncltnTp>

Presence: [1..1]

Definition: Type of reconciliation.

Datatype: "CardServiceType4Code" on page 2138

CodeName	Name	Definition
PART	CheckPoint	Partial reconciliation of the day.
FINL	Final	Final reconciliation.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.

6.4.2.3.5 OtherReconciliationType <OthrRcncltnTp>

Presence: [0..1]

Definition: Other type of reconciliation.

Datatype: "Max35Text" on page 2207

6.4.2.3.6 TransactionIdentification <TxId>

Presence: [0..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification12](#)" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

6.4.2.3.7 RequestedCurrency <ReqdCcy>

Presence: [0..*]

Definition: Requested currency by the acceptor.

ISO 4217

Datatype: "[Exact3NumericText](#)" on page 2200

6.4.2.3.8 ReconciliationTotals <RcncltnTtls>

Presence: [0..*]

Definition: Totals of the reconciliation.

ReconciliationTotals <RcncltnTtls> contains the following **TransactionTotals13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Reconciliation <Rcncltn>	[0..1]	±		154
	FinancialReconciliation <FinRcncltn>	[0..*]	±		155
	MessageReconciliation <MsgRcncltn>	[0..*]	±		155
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		155
	Currency <Ccy>	[1..1]	Text		156
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		156

6.4.2.3.8.1 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Date and identification of reconciliation.

Reconciliation <Rcncltn> contains the following elements (see ["Reconciliation3"](#) on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

6.4.2.3.8.2 FinancialReconciliation <FinRcncltn>

Presence: [0..*]

Definition: Total of credit transactions.

FinancialReconciliation <FinRcncltn> contains the following elements (see ["FinancialReconciliation2"](#) on page 1899 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationImpact <RcncltnImpct>	[1..1]	CodeSet		1899
	Type <Tp>	[1..1]	CodeSet		1899
	OtherType <OthrTp>	[0..1]	Text		1899
	Amount <Amt>	[1..1]	Amount		1900
	Count <Cnt>	[1..1]	Quantity		1900

6.4.2.3.8.3 MessageReconciliation <MsgRcncltn>

Presence: [0..*]

Definition: Contains total message count.

MessageReconciliation <MsgRcncltn> contains the following elements (see ["MessageReconciliation3"](#) on page 1897 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1897
	OtherType <OthrTp>	[0..1]	Text		1898
	Count <Cnt>	[1..1]	Quantity		1899

6.4.2.3.8.4 AdditionalFeeReconciliation <AddtlFeeRcncltn>

Presence: [0..*]

Definition: Contains additional fee reconciliation data.

AdditionalFeeReconciliation <AddtlFeeRcncltn> contains the following elements (see "AdditionalFeeReconciliation2" on page 1900 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationImpact <RcncltnImpct>	[1..1]	CodeSet		1900
	Type <Tp>	[1..1]	CodeSet		1901
	OtherType <OthrTp>	[0..1]	Text		1901
	Amount <Amt>	[1..1]	Amount		1901
	Count <Cnt>	[1..1]	Quantity		1901

6.4.2.3.8.5 Currency <Ccy>

Presence: [1..1]

Definition: Currency of the transaction.

Datatype: "Min2Max3NumericText" on page 2211

6.4.2.3.8.6 NetAmountReconciliation <NetAmtRcncltn>

Presence: [0..1]

Definition: Net amount of reconciliation.

ISO 8583:87/93 bit 97

NetAmountReconciliation <NetAmtRcncltn> contains the following elements (see "Amount16" on page 1356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1356

6.4.2.3.9 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

6.4.2.3.10 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		157
	Value <Val>	[0..1]	Text		157

6.4.2.3.10.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

6.4.2.3.10.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

6.4.2.4 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

6.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngh>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

7 caad.006.001.03 ReconciliationResponseV03

7.1 MessageDefinition Functionality

The ReconciliationResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a ReconciliationInitiation message.

Outline

The ReconciliationResponseV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the reconciliation response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

7.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RcncltnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		164
	Body <Body>	[1..1]			165
	Environment <Envnt>	[1..1]			167
	Originator <Orgtr>	[0..1]	±		167
	Sender <Sndr>	[0..1]	±		168
	Receiver <Rcvr>	[0..1]	±		169
	Destination <Dstn>	[0..1]	±		170
	Context <Cntxt>	[0..1]			171
	TransactionContext <TxCntxt>	[0..1]			172
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		172
	Jurisdiction <Jursdctn>	[0..1]			173
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		173
	DomesticQualification <DmstQlfctn>	[0..1]	Text		173
	SettlementService <SttlmSvc>	[0..1]	±		173
	Reconciliation <Rcncltn>	[0..1]	±		174
	AdditionalData <AddtlData>	[0..*]			174
	Type <Tp>	[0..1]	Text		175
	Value <Val>	[0..1]	Text		175
	Transaction <Tx>	[1..1]			175
	ReconciliationFunction <RcncltnFctn>	[1..1]	CodeSet		176
	ReconciliationActivityType <RcncltnActvtyTp>	[0..1]	CodeSet		176
	OtherReconciliationActivityType <OthrRcncltnActvtyTp>	[0..1]	Text		177
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		177
	OtherReconciliationType <OthrRcncltnTp>	[0..1]	Text		177
	TransactionIdentification <Txld>	[0..1]	±		177
	RequestedCurrency <ReqdCcy>	[0..*]	Text		178
	ReconciliationTotals <RcncltnTtls>	[0..*]			178
	Reconciliation <Rcncltn>	[0..1]	±		178
	FinancialReconciliation <FinRcncltn>	[0..*]	±		179

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReconciliation <MsgRcncltn>	[0..*]	±		179
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		179
	Currency <Ccy>	[1..1]	Text		180
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		180
	AdditionalFee <AddtlFee>	[0..*]	±		180
	AdditionalData <AddtlData>	[0..*]			181
	Type <Tp>	[0..1]	Text		181
	Value <Val>	[0..1]	Text		181
	ProcessingResult <PrcgRslt>	[1..1]	±		181
	ProtectedData <PrtctdData>	[0..*]	±		182
	SupplementaryData <SplmtryData>	[0..*]	±	C1	185
	SecurityTrailer <SctyTrlr>	[0..1]	±		185

7.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

7.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

7.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

7.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the reconciliation response.

Body <Body> contains the following **ReconciliationResponse7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			167
	Originator <Orgtr>	[0..1]	±		167
	Sender <Sndr>	[0..1]	±		168
	Receiver <Rcvr>	[0..1]	±		169
	Destination <Dstn>	[0..1]	±		170
	Context <Cntxt>	[0..1]			171
	TransactionContext <TxCntxt>	[0..1]			172
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		172
	Jurisdiction <Jursdctn>	[0..1]			173
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		173
	DomesticQualification <DmstQlfctn>	[0..1]	Text		173
	SettlementService <SttlmSvc>	[0..1]	±		173
	Reconciliation <Rcncltn>	[0..1]	±		174
	AdditionalData <AddtlData>	[0..*]			174
	Type <Tp>	[0..1]	Text		175
	Value <Val>	[0..1]	Text		175
	Transaction <Tx>	[1..1]			175
	ReconciliationFunction <RcncltnFctn>	[1..1]	CodeSet		176
	ReconciliationActivityType <RcncltnActvtyTp>	[0..1]	CodeSet		176
	OtherReconciliationActivityType <OthrRcncltnActvtyTp>	[0..1]	Text		177
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		177
	OtherReconciliationType <OthrRcncltnTp>	[0..1]	Text		177
	TransactionIdentification <Txld>	[0..1]	±		177
	RequestedCurrency <ReqdCcy>	[0..*]	Text		178
	ReconciliationTotals <RcncltnTtls>	[0..*]			178
	Reconciliation <Rcncltn>	[0..1]	±		178
	FinancialReconciliation <FinRcncltn>	[0..*]	±		179
	MessageReconciliation <MsgRcncltn>	[0..*]	±		179
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		179
	Currency <Ccy>	[1..1]	Text		180

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		180
	AdditionalFee <AddtlFee>	[0..*]	±		180
	AdditionalData <AddtlData>	[0..*]			181
	Type <Tp>	[0..1]	Text		181
	Value <Val>	[0..1]	Text		181
	ProcessingResult <PrcgRslt>	[1..1]	±		181
	ProtectedData <PrctcdData>	[0..*]	±		182
	SupplementaryData <SplmtryData>	[0..*]	±	C1	185

7.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		167
	Sender <Sndr>	[0..1]	±		168
	Receiver <Rcvr>	[0..1]	±		169
	Destination <Dstn>	[0..1]	±		170

7.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

7.4.2.1.2 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

7.4.2.1.3 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

7.4.2.1.4 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

7.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			172
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		172
	Jurisdiction <Jursdctn>	[0..1]			173
	DomesticIndicator <DmstInd>	[0..1]	Indicator		173
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		173
	SettlementService <SttlmSvc>	[0..1]	±		173
	Reconciliation <Rcncltn>	[0..1]	±		174
	AdditionalData <AddtlData>	[0..*]			174
	Type <Tp>	[0..1]	Text		175
	Value <Val>	[0..1]	Text		175

7.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		172
	Jurisdiction <Jursdctn>	[0..1]			173
	DomesticIndicator <DmstInd>	[0..1]	Indicator		173
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		173
	SettlementService <SttlmSvc>	[0..1]	±		173
	Reconciliation <Rcncltn>	[0..1]	±		174
	AdditionalData <AddtlData>	[0..*]			174
	Type <Tp>	[0..1]	Text		175
	Value <Val>	[0..1]	Text		175

7.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

7.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		173
	DomesticQualification <DmstQlfctn>	[0..1]	Text		173

7.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

7.4.2.2.1.2.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

7.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

7.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

7.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		175
	Value <Val>	[0..1]	Text		175

7.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

7.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

7.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Data pertaining to the reconciliation transaction.

Transaction <Tx> contains the following **Transaction135** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationFunction <RcncltnFctn>	[1..1]	CodeSet		176
	ReconciliationActivityType <RcncltnActvtyTp>	[0..1]	CodeSet		176
	OtherReconciliationActivityType <OthrRcncltnActvtyTp>	[0..1]	Text		177
	ReconciliationType <RcncltnTp>	[1..1]	CodeSet		177
	OtherReconciliationType <OthrRcncltnTp>	[0..1]	Text		177
	TransactionIdentification <TxId>	[0..1]	±		177
	RequestedCurrency <ReqdCcy>	[0..*]	Text		178
	ReconciliationTotals <RcncltnTtls>	[0..*]			178
	Reconciliation <Rcncltn>	[0..1]	±		178
	FinancialReconciliation <FinRcncltn>	[0..*]	±		179
	MessageReconciliation <MsgRcncltn>	[0..*]	±		179
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		179
	Currency <Ccy>	[1..1]	Text		180
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		180
	AdditionalFee <AddtlFee>	[0..*]	±		180
	AdditionalData <AddtlData>	[0..*]			181
	Type <Tp>	[0..1]	Text		181
	Value <Val>	[0..1]	Text		181

7.4.2.3.1 ReconciliationFunction <RcncltnFctn>

Presence: [1..1]

Definition: Type of reconciliation.

Datatype: "ReconciliationFunction1Code" on page 2182

CodeName	Name	Definition
INQR	Inquire	Inquiry for reconciliation totals
INCU	InitiateCutover	Initiation of a cutover.
CNVY	Convey	Convey reconciliation totals

7.4.2.3.2 ReconciliationActivityType <RcncltnActvtyTp>

Presence: [0..1]

Definition: A code to indicate the activity type to be reconciled.

Datatype: "ReconciliationActivityType1Code" on page 2181

CodeName	Name	Definition
ACQG	Acquiring	Acquiring activity.
CNSD	Consolidated	All types of activity.
ISSG	Issuing	Issuing activity
OTHN	OtherNational	Other reconciliation activity type defined at national level
OTHP	OtherPrivate	Other reconciliation activity type defined at private level

7.4.2.3.3 OtherReconciliationActivityType <OthrRcncltnActvtyTp>

Presence: [0..1]

Definition: Other reconciliation activity type defined at private or national level

Datatype: "Max35Text" on page 2207

7.4.2.3.4 ReconciliationType <RcncltnTp>

Presence: [1..1]

Definition: Type of reconciliation.

Datatype: "CardServiceType4Code" on page 2138

CodeName	Name	Definition
PART	CheckPoint	Partial reconciliation of the day.
FINL	Final	Final reconciliation.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.

7.4.2.3.5 OtherReconciliationType <OthrRcncltnTp>

Presence: [0..1]

Definition: Other type of reconciliation.

Datatype: "Max35Text" on page 2207

7.4.2.3.6 TransactionIdentification <TxId>

Presence: [0..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification12](#)" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

7.4.2.3.7 RequestedCurrency <ReqdCcy>

Presence: [0..*]

Definition: Requested currency by the acceptor.

ISO 4217

Datatype: "[Exact3NumericText](#)" on page 2200

7.4.2.3.8 ReconciliationTotals <RcncltnTtls>

Presence: [0..*]

Definition: Totals of the reconciliation.

ReconciliationTotals <RcncltnTtls> contains the following **TransactionTotals13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Reconciliation <Rcncltn>	[0..1]	±		178
	FinancialReconciliation <FinRcncltn>	[0..*]	±		179
	MessageReconciliation <MsgRcncltn>	[0..*]	±		179
	AdditionalFeeReconciliation <AddtlFeeRcncltn>	[0..*]	±		179
	Currency <Ccy>	[1..1]	Text		180
	NetAmountReconciliation <NetAmtRcncltn>	[0..1]	±		180

7.4.2.3.8.1 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Date and identification of reconciliation.

Reconciliation <Rcncltn> contains the following elements (see ["Reconciliation3"](#) on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

7.4.2.3.8.2 FinancialReconciliation <FinRcncltn>

Presence: [0..*]

Definition: Total of credit transactions.

FinancialReconciliation <FinRcncltn> contains the following elements (see ["FinancialReconciliation2"](#) on page 1899 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationImpact <RcncltnImpct>	[1..1]	CodeSet		1899
	Type <Tp>	[1..1]	CodeSet		1899
	OtherType <OthrTp>	[0..1]	Text		1899
	Amount <Amt>	[1..1]	Amount		1900
	Count <Cnt>	[1..1]	Quantity		1900

7.4.2.3.8.3 MessageReconciliation <MsgRcncltn>

Presence: [0..*]

Definition: Contains total message count.

MessageReconciliation <MsgRcncltn> contains the following elements (see ["MessageReconciliation3"](#) on page 1897 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1897
	OtherType <OthrTp>	[0..1]	Text		1898
	Count <Cnt>	[1..1]	Quantity		1899

7.4.2.3.8.4 AdditionalFeeReconciliation <AddtlFeeRcncltn>

Presence: [0..*]

Definition: Contains additional fee reconciliation data.

AdditionalFeeReconciliation <AddtlFeeRcncltn> contains the following elements (see "AdditionalFeeReconciliation2" on page 1900 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationImpact <RcncltnImpct>	[1..1]	CodeSet		1900
	Type <Tp>	[1..1]	CodeSet		1901
	OtherType <OthrTp>	[0..1]	Text		1901
	Amount <Amt>	[1..1]	Amount		1901
	Count <Cnt>	[1..1]	Quantity		1901

7.4.2.3.8.5 Currency <Ccy>

Presence: [1..1]

Definition: Currency of the transaction.

Datatype: "Min2Max3NumericText" on page 2211

7.4.2.3.8.6 NetAmountReconciliation <NetAmtRcncltn>

Presence: [0..1]

Definition: Net amount of reconciliation.

ISO 8583:87/93 bit 97

NetAmountReconciliation <NetAmtRcncltn> contains the following elements (see "Amount16" on page 1356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1356

7.4.2.3.9 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

7.4.2.3.10 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		181
	Value <Val>	[0..1]	Text		181

7.4.2.3.10.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

7.4.2.3.10.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

7.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

7.4.2.5 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

7.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngh>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

8 caad.007.001.03 ErrorV03

8.1 MessageDefinition Functionality

The Error message is sent by any party to any party (acquirer, agent or issuer) to indicate a message error.

Outline

The ErrorV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Details of the rejection or message errors.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

8.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <Err>	[1..1]			
	Header <Hdr>	[1..1]	±		189
	Body <Body>	[1..1]			190
	Environment <Envt>	[0..1]			192
	Originator <Orgtr>	[0..1]	±		192
	Sender <Sndr>	[0..1]	±		192
	Receiver <Rcvr>	[0..1]	±		193
	Destination <Dstn>	[0..1]	±		194
	Context <Cntxt>	[0..1]			195
	TransactionContext <TxCntxt>	[0..1]			196
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		196
	Jurisdiction <Jursdctn>	[0..1]			197
	DomesticIndicator <DmstInd>	[0..1]	Indicator		197
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		197
	SettlementService <SttlmSvc>	[0..1]	±		197
	Reconciliation <Rcncltn>	[0..1]	±		198
	AdditionalData <AddtlData>	[0..*]			198
	Type <Tp>	[0..1]	Text		199
	Value <Val>	[0..1]	Text		199
	Transaction <Tx>	[1..1]			199
	TransactionIdentification <TxId>	[1..1]	±		199
	ErrorDetail <ErrDtl>	[1..*]			200
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		200
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		201
	ErrorCode <ErrCd>	[0..1]	Text		201
	ErrorDescription <ErrDesc>	[0..1]	Text		201
	DataElementInError <DataElmtInErr>	[0..*]	Text		201
	OriginalMessage <OrgnlMsg>	[0..1]	Binary		201
	AdditionalFee <AddtlFee>	[0..*]	±		202
	AdditionalData <AddtlData>	[0..*]			202

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		202
	Value <Val>	[0..1]	Text		202
	ProtectedData <PrctcdData>	[0..*]	±		202
	SupplementaryData <SplmtryData>	[0..*]	±	C1	206
	SecurityTrailer <SctyTrlr>	[0..1]	±		206

8.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

8.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

8.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header64" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1739
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1740
	ExchangeIdentification <XchgId>	[0..1]	Text		1740
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1740
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1740
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1740
	InitiatingParty <InitgPty>	[1..1]	±		1740
	RecipientParty <RcptPty>	[0..1]	±		1741
	TraceData <TracData>	[0..*]			1741
	Type <Tp>	[0..1]	Text		1741
	Value <Val>	[0..1]	Text		1742
	Traceability <Tracblt>	[0..*]	±		1742

8.4.2 Body <Body>

Presence: [1..1]

Definition: Details of the rejection or message errors.

Body <Body> contains the following **Error2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]			192
	Originator <Orgtr>	[0..1]	±		192
	Sender <Sndr>	[0..1]	±		192
	Receiver <Rcvr>	[0..1]	±		193
	Destination <Dstn>	[0..1]	±		194
	Context <Cntxt>	[0..1]			195
	TransactionContext <TxCntxt>	[0..1]			196
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		196
	Jurisdiction <Jursdctn>	[0..1]			197
	DomesticIndicator <DmstInd>	[0..1]	Indicator		197
	DomesticQualification <DmstQlfctn>	[0..1]	Text		197
	SettlementService <SttlmSvc>	[0..1]	±		197
	Reconciliation <Rcncltn>	[0..1]	±		198
	AdditionalData <AddtlData>	[0..*]			198
	Type <Tp>	[0..1]	Text		199
	Value <Val>	[0..1]	Text		199
	Transaction <Tx>	[1..1]			199
	TransactionIdentification <TxId>	[1..1]	±		199
	ErrorDetail <ErrDtl>	[1..*]			200
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		200
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		201
	ErrorCode <ErrCd>	[0..1]	Text		201
	ErrorDescription <ErrDesc>	[0..1]	Text		201
	DataElementInError <DataElmtInErr>	[0..*]	Text		201
	OriginalMessage <OrgnlMsg>	[0..1]	Binary		201
	AdditionalFee <AddtlFee>	[0..*]	±		202
	AdditionalData <AddtlData>	[0..*]			202
	Type <Tp>	[0..1]	Text		202
	Value <Val>	[0..1]	Text		202
	ProtectedData <PrtctdData>	[0..*]	±		202
	SupplementaryData <SplmtryData>	[0..*]	±	C1	206

8.4.2.1 Environment <Envt>

Presence: [0..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		192
	Sender <Sndr>	[0..1]	±		192
	Receiver <Rcvr>	[0..1]	±		193
	Destination <Dstn>	[0..1]	±		194

8.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

8.4.2.1.2 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

8.4.2.1.3 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

8.4.2.1.4 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

8.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			196
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		196
	Jurisdiction <Jursdctn>	[0..1]			197
	DomesticIndicator <DmstInd>	[0..1]	Indicator		197
	DomesticQualification <DmstQlfctn>	[0..1]	Text		197
	SettlementService <SttlmSvc>	[0..1]	±		197
	Reconciliation <Rcncltn>	[0..1]	±		198
	AdditionalData <AddtlData>	[0..*]			198
	Type <Tp>	[0..1]	Text		199
	Value <Val>	[0..1]	Text		199

8.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		196
	Jurisdiction <Jursdctn>	[0..1]			197
	DomesticIndicator <DmstInd>	[0..1]	Indicator		197
	DomesticQualification <DmstQlfctn>	[0..1]	Text		197
	SettlementService <SttlmSvc>	[0..1]	±		197
	Reconciliation <Rcncltn>	[0..1]	±		198
	AdditionalData <AddtlData>	[0..*]			198
	Type <Tp>	[0..1]	Text		199
	Value <Val>	[0..1]	Text		199

8.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

8.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		197
	DomesticQualification <DmstQlfctn>	[0..1]	Text		197

8.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

8.4.2.2.1.2.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

8.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

8.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

8.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		199
	Value <Val>	[0..1]	Text		199

8.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

8.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

8.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Error or rejection transaction.

Transaction <Tx> contains the following **Transaction155** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionIdentification <TxId>	[1..1]	±		199
	ErrorDetail <ErrDtl>	[1..*]			200
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		200
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		201
	ErrorCode <ErrCd>	[0..1]	Text		201
	ErrorDescription <ErrDesc>	[0..1]	Text		201
	DataElementInError <DataElmtInErr>	[0..*]	Text		201
	OriginalMessage <OrgnlMsg>	[0..1]	Binary		201
	AdditionalFee <AddtlFee>	[0..*]	±		202
	AdditionalData <AddtlData>	[0..*]			202
	Type <Tp>	[0..1]	Text		202
	Value <Val>	[0..1]	Text		202

8.4.2.3.1 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Transaction Identification of the Error message.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

8.4.2.3.2 ErrorDetail <ErrDtl>

Presence: [1..*]

Definition: Contains error details.

ISO 8583:2003, bit 18

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		200
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		201
	ErrorCode <ErrCd>	[0..1]	Text		201
	ErrorDescription <ErrDesc>	[0..1]	Text		201
	DataElementInError <DataElmtInErr>	[0..*]	Text		201

8.4.2.3.2.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.

CodeName	Name	Definition
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

8.4.2.3.2.2 OtherMessageErrorType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

8.4.2.3.2.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

8.4.2.3.2.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

8.4.2.3.2.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

8.4.2.3.3 OriginalMessage <OrgnlMsg>

Presence: [0..1]

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

Datatype: "Max100KBinary" on page 2110

8.4.2.3.4 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

8.4.2.3.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		202
	Value <Val>	[0..1]	Text		202

8.4.2.3.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

8.4.2.3.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

8.4.2.4 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIdx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

8.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

9 caad.008.001.01 AdministrativeInitiationV01

9.1 MessageDefinition Functionality

The AdministrativeInitiation message usually sent by any party (processor, clearing or settlement agent) to any party to inform anything that supports the business and technical infrastructure between parties.

Outline

The AdministrativeInitiationV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Information related to the management of the protocol.
- B. Body
Information related to the financial initiation.
- C. SecurityTrailer
Trailer of the message containing a MAC

9.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <Admstvltn>	[1..1]			
	Header <Hdr>	[1..1]	±		211
	Body <Body>	[1..1]			212
	Environment <Envt>	[1..1]			215
	Acquirer <Acqrr>	[0..1]	±		216
	Originator <Orgtr>	[0..1]	±		216
	Sender <Sndr>	[0..1]	±		217
	Receiver <Rcvr>	[0..1]	±		218
	Acceptor <Accptr>	[0..1]	±		219
	Destination <Dstn>	[0..1]	±		221
	Payer <Pyer>	[0..1]	±		221
	Payee <Pyee>	[0..1]	±		222
	Terminal <Termnl>	[0..1]	±		222
	Issuer <Issr>	[0..1]	±		222
	Card <Card>	[0..1]	±		223
	CustomerDevice <CstmrDvc>	[0..1]	±		224
	Wallet <Wlt>	[0..1]	±		225
	Token <Tkn>	[0..1]	±		226
	Cardholder <Crhdldr>	[0..1]	±		227
	AdditionalData <AddtlData>	[0..*]			228
	Type <Tp>	[0..1]	Text		228
	Details <Dtls>	[0..*]			229
	Type <Tp>	[0..1]	Text		229
	Value <Val>	[0..1]	Text		229
	Context <Cntxt>	[0..1]			229
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		229
	TransactionContext <TxCntxt>	[0..1]	±		231
	Verification <Vrfctn>	[0..*]	±		233
	RiskContext <RskCntxt>	[0..*]	±		233
	SaleContext <SaleCntxt>	[0..1]	±		234

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			234
	Type <Tp>	[0..1]	Text		235
	Details <Dtls>	[0..*]			235
	Type <Tp>	[0..1]	Text		235
	Value <Val>	[0..1]	Text		235
	Transaction <Tx>	[1..1]			235
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		236
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		237
	MessageReason <MsgRsn>	[0..*]	CodeSet		237
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		237
	AdditionalService <AddtlSvc>	[0..*]	±		237
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		237
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		238
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		238
	SpecialProgrammeQualification <SpclPrgrmmQlfcctn>	[0..*]	±		238
	TransactionIdentification <TxId>	[1..1]	±		238
	TextMessage <TxtMsg>	[0..1]	Text		238
	LocalData <LclData>	[0..*]			239
	Language <Lang>	[1..1]	CodeSet		239
	TextMessage <TxtMsg>	[1..1]	Text		239
	TransactionDescription <TxDesc>	[0..1]	Text		239
	AdditionalData <AddtlData>	[0..*]			239
	Type <Tp>	[0..1]	Text		240
	Details <Dtls>	[0..*]			240
	Type <Tp>	[0..1]	Text		240
	Value <Val>	[0..1]	Text		240
	OriginalTransaction <OrgnlTx>	[0..*]			240
	Environment <Envnt>	[0..1]	±		240
	Context <Cntxt>	[0..1]	±		241
	Transaction <Tx>	[0..1]	±		242
	ProcessingResult <PrpgRslt>	[0..1]	±		243

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AddendumData <AdddmData>	[0..1]	±		244
	AdditionalData <AddtlData>	[0..*]			245
	Type <Tp>	[0..1]	Text		246
	Details <Dtls>	[0..*]			246
	Type <Tp>	[0..1]	Text		246
	Value <Val>	[0..1]	Text		246
	ProcessingResult <PrcgRslt>	[0..1]	±		246
	ICCRelatedData <ICCRltdData>	[0..1]	Text		247
	ProtectedData <PrtctdData>	[0..*]	±		247
	SupplementaryData <SplmtryData>	[0..*]	±	C1	250
	SecurityTrailer <SctyTrlr>	[0..1]	±		250

9.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

9.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

9.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

9.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the financial initiation.

Body <Body> contains the following AdministrativeInitiation1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			215
	Acquirer <Acqrr>	[0..1]	±		216
	Originator <Orgtr>	[0..1]	±		216
	Sender <Sndr>	[0..1]	±		217
	Receiver <Rcvr>	[0..1]	±		218
	Acceptor <Accptr>	[0..1]	±		219
	Destination <Dstn>	[0..1]	±		221
	Payer <Pyer>	[0..1]	±		221
	Payee <Pyee>	[0..1]	±		222
	Terminal <Termnl>	[0..1]	±		222
	Issuer <Issr>	[0..1]	±		222
	Card <Card>	[0..1]	±		223
	CustomerDevice <CstmrDvc>	[0..1]	±		224
	Wallet <Wlt>	[0..1]	±		225
	Token <Tkn>	[0..1]	±		226
	Cardholder <Crhdldr>	[0..1]	±		227
	AdditionalData <AddtlData>	[0..*]			228
	Type <Tp>	[0..1]	Text		228
	Details <Dtls>	[0..*]			229
	Type <Tp>	[0..1]	Text		229
	Value <Val>	[0..1]	Text		229
	Context <Cntxt>	[0..1]			229
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		229
	TransactionContext <TxCntxt>	[0..1]	±		231
	Verification <Vrfctn>	[0..*]	±		233
	RiskContext <RskCntxt>	[0..*]	±		233
	SaleContext <SaleCntxt>	[0..1]	±		234
	AdditionalData <AddtlData>	[0..*]			234
	Type <Tp>	[0..1]	Text		235
	Details <Dtls>	[0..*]			235
	Type <Tp>	[0..1]	Text		235

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		235
	Transaction <Tx>	[1..1]			235
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		236
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		237
	MessageReason <MsgRsn>	[0..*]	CodeSet		237
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		237
	AdditionalService <AddtlSvc>	[0..*]	±		237
	AssociatedDataIndicator <AssocdDataInd>	[0..1]	Indicator		237
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		238
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		238
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		238
	TransactionIdentification <TxId>	[1..1]	±		238
	TextMessage <TxtMsg>	[0..1]	Text		238
	LocalData <LclData>	[0..*]			239
	Language <Lang>	[1..1]	CodeSet		239
	TextMessage <TxtMsg>	[1..1]	Text		239
	TransactionDescription <TxDesc>	[0..1]	Text		239
	AdditionalData <AddtlData>	[0..*]			239
	Type <Tp>	[0..1]	Text		240
	Details <Dtls>	[0..*]			240
	Type <Tp>	[0..1]	Text		240
	Value <Val>	[0..1]	Text		240
	OriginalTransaction <OrgnlTx>	[0..*]			240
	Environment <Envt>	[0..1]	±		240
	Context <Cntxt>	[0..1]	±		241
	Transaction <Tx>	[0..1]	±		242
	ProcessingResult <PrccgRslt>	[0..1]	±		243
	AddendumData <AdddmData>	[0..1]	±		244
	AdditionalData <AddtlData>	[0..*]			245
	Type <Tp>	[0..1]	Text		246
	Details <Dtls>	[0..*]			246

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		246
	Value <Val>	[0..1]	Text		246
	ProcessingResult <PrcgRslt>	[0..1]	±		246
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		247
	ProtectedData <PrtctdData>	[0..*]	±		247
	SupplementaryData <SplmtryData>	[0..*]	±	C1	250

9.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		216
	Originator <Orgtr>	[0..1]	±		216
	Sender <Sndr>	[0..1]	±		217
	Receiver <Rcvr>	[0..1]	±		218
	Acceptor <Accptr>	[0..1]	±		219
	Destination <Dstn>	[0..1]	±		221
	Payer <Pyer>	[0..1]	±		221
	Payee <Pyee>	[0..1]	±		222
	Terminal <Termnl>	[0..1]	±		222
	Issuer <Issr>	[0..1]	±		222
	Card <Card>	[0..1]	±		223
	CustomerDevice <CstmrDvc>	[0..1]	±		224
	Wallet <Wllt>	[0..1]	±		225
	Token <Tkn>	[0..1]	±		226
	Cardholder <Crdhldr>	[0..1]	±		227
	AdditionalData <AddtlData>	[0..*]			228
	Type <Tp>	[0..1]	Text		228
	Details <Dtls>	[0..*]			229
	Type <Tp>	[0..1]	Text		229
	Value <Val>	[0..1]	Text		229

9.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Identification of the acquirer.

Acquirer <Acqrr> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

9.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

9.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

9.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

9.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

9.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

9.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

9.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

ISO 8583:87/93/2003 bit 98

Payee <Pyee> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

9.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal4" on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnllId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

9.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

9.4.2.1.11 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData6" on page 1397 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

9.4.2.1.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

9.4.2.1.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

9.4.2.1.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

9.4.2.1.15 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

9.4.2.1.16 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		228
	Details <Dtls>	[0..*]			229
	Type <Tp>	[0..1]	Text		229
	Value <Val>	[0..1]	Text		229

9.4.2.1.16.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

9.4.2.1.16.2 Details <Dtls>*Presence:* [0..*]*Definition:* Detail of the specific type of data.**Details <Dtls>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		229
	Value <Val>	[0..1]	Text		229

9.4.2.1.16.2.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**9.4.2.1.16.2.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**9.4.2.2 Context <Cntxt>***Presence:* [0..1]*Definition:* Context in which the card transaction is performed.**Context <Cntxt>** contains the following **Context18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		229
	TransactionContext <TxCntxt>	[0..1]	±		231
	Verification <Vrfctn>	[0..*]	±		233
	RiskContext <RskCntxt>	[0..*]	±		233
	SaleContext <SaleCntxt>	[0..1]	±		234
	AdditionalData <AddtlData>	[0..*]			234
	Type <Tp>	[0..1]	Text		235
	Details <Dtls>	[0..*]			235
	Type <Tp>	[0..1]	Text		235
	Value <Val>	[0..1]	Text		235

9.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>*Presence:* [0..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrhdldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCdPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCdPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

9.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprt>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxIntr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutgInd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApplInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

9.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Contain validation result and/or data to be validated.

Verification <Vrfctn> contains the following elements (see "Verification5" on page 2107 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

9.4.2.2.4 RiskContext <RskCntxt>

Presence: [0..*]

Definition: Context of risk associated with the transaction.

RiskContext <RskCntxt> contains the following elements (see "RiskContext2" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

9.4.2.2.5 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

9.4.2.2.6 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		235
	Details <Dtls>	[0..*]			235
	Type <Tp>	[0..1]	Text		235
	Value <Val>	[0..1]	Text		235

9.4.2.2.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

9.4.2.2.6.2 Details <Dtls>

Presence: [0..*]

Definition: Detail of the specific type of data.

Details <Dtls> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		235
	Value <Val>	[0..1]	Text		235

9.4.2.2.6.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

9.4.2.2.6.2.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

9.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which a financial process is requested.

Transaction <Tx> contains the following **Transaction144** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		236
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		237
	MessageReason <MsgRsn>	[0..*]	CodeSet		237
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		237
	AdditionalService <AddtlSvc>	[0..*]	±		237
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		237
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		238
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		238
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		238
	TransactionIdentification <TxId>	[1..1]	±		238
	TextMessage <TxtMsg>	[0..1]	Text		238
	LocalData <LclData>	[0..*]			239
	Language <Lang>	[1..1]	CodeSet		239
	TextMessage <TxtMsg>	[1..1]	Text		239
	TransactionDescription <TxDesc>	[0..1]	Text		239
	AdditionalData <AddtlData>	[0..*]			239
	Type <Tp>	[0..1]	Text		240
	Details <Dtls>	[0..*]			240
	Type <Tp>	[0..1]	Text		240
	Value <Val>	[0..1]	Text		240

9.4.2.3.1 AdministrativeType <AdmstvTp>

Presence: [1..1]

Definition: Code that identifies an administrative type.

Datatype: "AdministrativeType1Code" on page 2120

CodeName	Name	Definition
OTHN	OtherNational	Other administrative type defined at national level.
OTHP	OtherPrivate	Other administrative type defined at private level.
TEXT	TextMessage	Text message.

9.4.2.3.2 OtherAdministrativeType <OthrAdmstvTp>*Presence:* [0..1]*Definition:* Other administrative type defined at private or national level.*Datatype:* "Max35Text" on page 2207**9.4.2.3.3 MessageReason <MsgRsn>***Presence:* [0..*]*Definition:* Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157**9.4.2.3.4 AlternateMessageReason <AltrnMsgRsn>***Presence:* [0..*]*Definition:* Supports message reason codes that are not defined in external code list.*Datatype:* "Max256Text" on page 2206**9.4.2.3.5 AdditionalService <AddtlSvc>***Presence:* [0..*]*Definition:* Additional functions or services to be performed in conjunction with the transaction.**AdditionalService <AddtlSvc>** contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

9.4.2.3.6 AssociatedDataIndicator <AssoctdDataInd>*Presence:* [0..1]*Definition:* Indicates that additional data will be provided in a separate addendum message.*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

9.4.2.3.7 AssociatedDataReference <AssoctdDataRef>*Presence:* [0..1]*Definition:* Reference to additional transaction details to be conveyed separately from this message.*Datatype:* "Max70Text" on page 2209**9.4.2.3.8 AssociatedDataDestination <AssoctdDataDstn>***Presence:* [0..1]*Definition:* Destination value to be used in the subsequent addendum message.*Datatype:* "Max35Text" on page 2207**9.4.2.3.9 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>***Presence:* [0..*]*Definition:* Data to qualify for incentive or other related programmes.**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

9.4.2.3.10 TransactionIdentification <TxId>*Presence:* [1..1]*Definition:* Identification of the transaction.**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

9.4.2.3.11 TextMessage <TxtMsg>*Presence:* [0..1]*Definition:* Contains generic text message.*Datatype:* "Max20KText" on page 2205

9.4.2.3.12 LocalData <LclData>*Presence:* [0..*]*Definition:* Additional Information in local language.**LocalData <LclData>** contains the following **LocalData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		239
	TextMessage <TxtMsg>	[1..1]	Text		239

9.4.2.3.12.1 Language <Lang>*Presence:* [1..1]*Definition:* The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.*Datatype:* "ISOMax3ALanguageCode" on page 2158**9.4.2.3.12.2 TextMessage <TxtMsg>***Presence:* [1..1]*Definition:* Contains generic text message in local language.*Datatype:* "Max40KText" on page 2207**9.4.2.3.13 TransactionDescription <TxDesc>***Presence:* [0..1]*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

ISO 8583:87/93 bit 104

ISO 8583:2003 bit 104-71

Datatype: "Max1000Text" on page 2201**9.4.2.3.14 AdditionalData <AddtlData>***Presence:* [0..*]*Definition:* Contains additional data.**AdditionalData <AddtlData>** contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		240
	Details <Dtls>	[0..*]			240
	Type <Tp>	[0..1]	Text		240
	Value <Val>	[0..1]	Text		240

9.4.2.3.14.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**9.4.2.3.14.2 Details <DtIs>***Presence:* [0..*]*Definition:* Detail of the specific type of data.**Details <DtIs>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		240
	Value <Val>	[0..1]	Text		240

9.4.2.3.14.2.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**9.4.2.3.14.2.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**9.4.2.4 OriginalTransaction <OrgnlTx>***Presence:* [0..*]*Definition:* Contains details of the transaction to be retrieved.**OriginalTransaction <OrgnlTx>** contains the following **OriginalTransaction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		240
	Context <Cntxt>	[0..1]	±		241
	Transaction <Tx>	[0..1]	±		242
	ProcessingResult <PrcgRslt>	[0..1]	±		243

9.4.2.4.1 Environment <Envt>*Presence:* [0..1]*Definition:* Details of the original message for which a retrieval is being requested.

Environment <Envt> contains the following elements (see "Environment20" on page 1655 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1656
	Originator <Orgtr>	[0..1]	±		1657
	Sender <Sndr>	[0..1]	±		1658
	Receiver <Rcvr>	[0..1]	±		1659
	Acceptor <Accptr>	[0..1]	±		1660
	Destination <Dstrn>	[0..1]	±		1662
	Payer <Pyer>	[0..1]	±		1662
	Payee <Pyee>	[0..1]	±		1663
	Terminal <Termnl>	[0..1]			1663
	TerminalIdentification <TermnllId>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <TermnllIntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctn>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666
	Issuer <Issr>	[0..1]	±		1668
	Card <Card>	[1..1]	±		1668
	CustomerDevice <CstmrDvc>	[0..1]	±		1669
	Wallet <Wlt>	[0..1]	±		1670
	Token <Tkn>	[0..1]	±		1671
	Cardholder <Crdhldr>	[0..1]	±		1672

9.4.2.4.2 Context <Cntxt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Context <Cntxt> contains the following elements (see "Context12" on page 1624 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1625
	TransactionContext <TxCntxt>	[1..1]	±		1627
	Verification <Vrfctn>	[0..*]	±		1629
	RiskContext <RskCntxt>	[0..1]	±		1630
	SaleContext <SaleCntxt>	[0..1]	±		1630

9.4.2.4.3 Transaction <Tx>

Presence: [0..1]

Definition: Contains the original transaction details.

Transaction <Tx> contains the following elements (see "Transaction147" on page 1645 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1646
	TransactionSubType <TxSubTp>	[0..1]	Text		1647
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		1647
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1648
	MessageReason <MsgRsn>	[0..*]	CodeSet		1648
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1648
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1648
	AdditionalService <AddtlSvc>	[0..*]	±		1648
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1649
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1649
	TransactionIdentification <TxId>	[0..1]	±		1649
	DisputeData <DsptData>	[0..*]	±		1650
	TransactionAmounts <TxAmts>	[0..1]	±		1651
	AdditionalAmount <AddtlAmt>	[0..*]	±		1651
	AdditionalFee <AddtlFee>	[0..*]	±		1652
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		1652
	DepositDetails <DpstDtls>	[0..*]	±		1653
	FundsServices <FndsSvcs>	[0..1]	±		1653
	AccountFrom <AcctFr>	[0..1]	±		1654
	AccountTo <AcctTo>	[0..1]	±		1654
	TransactionDescription <TxDesc>	[0..1]	Text		1654
	AdditionalData <AddtlData>	[0..*]			1654
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

9.4.2.4.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Contains the processing results of the transaction to be retrieved.

ProcessingResult <PrcgRsIt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsItData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsItData>	[0..1]	±		2080
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

9.4.2.5 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages.

AddendumData <AdddmData> contains the following elements (see "AddendumData3" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1610
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1611
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1611
	AdditionalAcceptorData <AddtlAccptrData>	[0..1]	±		1611
	Customer <Cstmr>	[0..1]	±		1612
	Sale <Sale>	[0..1]	±		1613
	Fleet <Fleet>	[0..1]	±		1613
	Invoice <Invc>	[0..1]	±		1613
	TravelAgency <TrvlAgcy>	[0..*]	±		1614
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1614
	VehicleRental <VhclRntl>	[0..*]	±		1614
	Lodging <Ldgg>	[0..*]	±		1615
	ShippingData <ShppgData>	[0..1]	±		1615
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1616
	TemporaryServices <TempSvcs>	[0..*]	±		1616
	Instalment <Instlmt>	[0..1]	±		1617
	AdditionalData <AddtlData>	[0..*]			1617
	Type <Tp>	[0..1]	Text		1618
	Value <Val>	[0..1]	Text		1618

9.4.2.6 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		246
	Details <Dtls>	[0..*]			246
	Type <Tp>	[0..1]	Text		246
	Value <Val>	[0..1]	Text		246

9.4.2.6.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**9.4.2.6.2 Details <DtIs>***Presence:* [0..*]*Definition:* Detail of the specific type of data.**Details <DtIs>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		246
	Value <Val>	[0..1]	Text		246

9.4.2.6.2.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**9.4.2.6.2.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**9.4.2.7 ProcessingResult <PrcgRslt>***Presence:* [0..1]*Definition:* Outcome of the processing of the authorisation**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult16" on page 2045 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2045
	ResultData <RsltData>	[0..1]	±		2045
	ApprovalCode <ApprvlCd>	[0..1]	Text		2046
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2046
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2046
	Action <Actn>	[0..*]	±		2047
	AdditionalAction <AddtlActn>	[0..*]	±		2047
	AdditionalInformation <AddtlInf>	[0..*]	±		2048

9.4.2.8 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

9.4.2.9 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

9.4.2.10 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

10 caad.009.001.01 AdministrativeResponseV01

10.1 MessageDefinition Functionality

The AdministrativeResponse message is usually sent by any party (processor, clearing or settlement agent) to any party in response to a AdministrativeInitiation Message.

Outline

The AdministrativeResponseV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the Administrative Response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

10.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AdmstvRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		255
	Body <Body>	[1..1]			256
	Environment <Envnt>	[1..1]			259
	Acquirer <Acqrr>	[0..1]	±		260
	Originator <Orgtr>	[0..1]	±		260
	Sender <Sndr>	[0..1]	±		261
	Receiver <Rcvr>	[0..1]	±		262
	Acceptor <Accptr>	[0..1]	±		263
	Destination <Dstn>	[0..1]	±		265
	Payer <Pyer>	[0..1]	±		265
	Payee <Pyee>	[0..1]	±		266
	Terminal <Termnl>	[0..1]	±		266
	Issuer <Issr>	[0..1]	±		266
	Card <Card>	[0..1]	±		267
	CustomerDevice <CstmrDvc>	[0..1]	±		268
	Wallet <Wllt>	[0..1]	±		269
	Token <Tkn>	[0..1]	±		270
	Cardholder <Crhdldr>	[0..1]	±		271
	AdditionalData <AddtlData>	[0..*]			272
	Type <Tp>	[0..1]	Text		272
	Details <Dtls>	[0..*]			273
	Type <Tp>	[0..1]	Text		273
	Value <Val>	[0..1]	Text		273
	Context <Cntxt>	[0..1]			273
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		273
	TransactionContext <TxCntxt>	[0..1]	±		275
	Verification <Vrfctn>	[0..*]	±		277
	RiskContext <RskCntxt>	[0..*]	±		277
	SaleContext <SaleCntxt>	[0..1]	±		278

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			278
	Type <Tp>	[0..1]	Text		279
	Details <Dtls>	[0..*]			279
	Type <Tp>	[0..1]	Text		279
	Value <Val>	[0..1]	Text		279
	Transaction <Tx>	[1..1]			279
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		280
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		281
	MessageReason <MsgRsn>	[0..*]	CodeSet		281
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		281
	AdditionalService <AddtlSvc>	[0..*]	±		281
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		281
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		282
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		282
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		282
	TransactionIdentification <TxId>	[1..1]	±		282
	TextMessage <TxtMsg>	[0..1]	Text		282
	LocalData <LclData>	[0..*]			283
	Language <Lang>	[1..1]	CodeSet		283
	TextMessage <TxtMsg>	[1..1]	Text		283
	TransactionDescription <TxDesc>	[0..1]	Text		283
	AdditionalData <AddtlData>	[0..*]			283
	Type <Tp>	[0..1]	Text		284
	Details <Dtls>	[0..*]			284
	Type <Tp>	[0..1]	Text		284
	Value <Val>	[0..1]	Text		284
	OriginalTransaction <OrgnlTx>	[0..*]			284
	Environment <Envnt>	[0..1]	±		284
	Context <Cntxt>	[0..1]	±		285
	Transaction <Tx>	[0..1]	±		286
	ProcessingResult <PrpgRslt>	[0..1]	±		287

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AddendumData <AdddmData>	[0..1]	±		288
	AdditionalData <AddtlData>	[0..*]			289
	Type <Tp>	[0..1]	Text		290
	Details <Dtls>	[0..*]			290
	Type <Tp>	[0..1]	Text		290
	Value <Val>	[0..1]	Text		290
	ProcessingResult <PrcgRslt>	[1..1]	±		290
	ICCRelatedData <ICCRltdData>	[0..1]	Text		291
	ProtectedData <PrtctdData>	[0..*]	±		291
	SupplementaryData <SplmtryData>	[0..*]	±	C1	294
	SecurityTrailer <SctyTrlr>	[0..1]	±		294

10.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

10.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

10.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

10.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the Administrative Response.

Body <Body> contains the following **AdministrativeResponse1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			259
	Acquirer <Acqrr>	[0..1]	±		260
	Originator <Orgtr>	[0..1]	±		260
	Sender <Sndr>	[0..1]	±		261
	Receiver <Rcvr>	[0..1]	±		262
	Acceptor <Accptr>	[0..1]	±		263
	Destination <Dstn>	[0..1]	±		265
	Payer <Pyer>	[0..1]	±		265
	Payee <Pyee>	[0..1]	±		266
	Terminal <Termnl>	[0..1]	±		266
	Issuer <Issr>	[0..1]	±		266
	Card <Card>	[0..1]	±		267
	CustomerDevice <CstmrDvc>	[0..1]	±		268
	Wallet <Wlt>	[0..1]	±		269
	Token <Tkn>	[0..1]	±		270
	Cardholder <Crhdldr>	[0..1]	±		271
	AdditionalData <AddtlData>	[0..*]			272
	Type <Tp>	[0..1]	Text		272
	Details <Dtls>	[0..*]			273
	Type <Tp>	[0..1]	Text		273
	Value <Val>	[0..1]	Text		273
	Context <Cntxt>	[0..1]			273
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		273
	TransactionContext <TxCntxt>	[0..1]	±		275
	Verification <Vrfctn>	[0..*]	±		277
	RiskContext <RskCntxt>	[0..*]	±		277
	SaleContext <SaleCntxt>	[0..1]	±		278
	AdditionalData <AddtlData>	[0..*]			278
	Type <Tp>	[0..1]	Text		279
	Details <Dtls>	[0..*]			279
	Type <Tp>	[0..1]	Text		279

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		279
	Transaction <Tx>	[1..1]			279
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		280
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		281
	MessageReason <MsgRsn>	[0..*]	CodeSet		281
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		281
	AdditionalService <AddtlSvc>	[0..*]	±		281
	AssociatedDataIndicator <AssocdDataInd>	[0..1]	Indicator		281
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		282
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		282
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		282
	TransactionIdentification <TxId>	[1..1]	±		282
	TextMessage <TxtMsg>	[0..1]	Text		282
	LocalData <LclData>	[0..*]			283
	Language <Lang>	[1..1]	CodeSet		283
	TextMessage <TxtMsg>	[1..1]	Text		283
	TransactionDescription <TxDesc>	[0..1]	Text		283
	AdditionalData <AddtlData>	[0..*]			283
	Type <Tp>	[0..1]	Text		284
	Details <Dtls>	[0..*]			284
	Type <Tp>	[0..1]	Text		284
	Value <Val>	[0..1]	Text		284
	OriginalTransaction <OrgnlTx>	[0..*]			284
	Environment <Envt>	[0..1]	±		284
	Context <Cntxt>	[0..1]	±		285
	Transaction <Tx>	[0..1]	±		286
	ProcessingResult <PrcgRslt>	[0..1]	±		287
	AddendumData <AdddmData>	[0..1]	±		288
	AdditionalData <AddtlData>	[0..*]			289
	Type <Tp>	[0..1]	Text		290
	Details <Dtls>	[0..*]			290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		290
	Value <Val>	[0..1]	Text		290
	ProcessingResult <PrcgRslt>	[1..1]	±		290
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		291
	ProtectedData <PrtctdData>	[0..*]	±		291
	SupplementaryData <SplmtryData>	[0..*]	±	C1	294

10.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Env> contains the following **Environment34** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		260
	Originator <Orgtr>	[0..1]	±		260
	Sender <Sndr>	[0..1]	±		261
	Receiver <Rcvr>	[0..1]	±		262
	Acceptor <Accptr>	[0..1]	±		263
	Destination <Dstn>	[0..1]	±		265
	Payer <Pyer>	[0..1]	±		265
	Payee <Pyee>	[0..1]	±		266
	Terminal <Termnl>	[0..1]	±		266
	Issuer <Issr>	[0..1]	±		266
	Card <Card>	[0..1]	±		267
	CustomerDevice <CstmrDvc>	[0..1]	±		268
	Wallet <Wllt>	[0..1]	±		269
	Token <Tkn>	[0..1]	±		270
	Cardholder <Crdhldr>	[0..1]	±		271
	AdditionalData <AddtlData>	[0..*]			272
	Type <Tp>	[0..1]	Text		272
	Details <Dtls>	[0..*]			273
	Type <Tp>	[0..1]	Text		273
	Value <Val>	[0..1]	Text		273

10.4.2.1.1 Acquirer <Acqrr>*Presence:* [0..1]*Definition:* Identification of the acquirer.**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgrr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

10.4.2.1.2 Originator <Orgtr>*Presence:* [0..1]*Definition:* Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

10.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

10.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

10.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

10.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

10.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

10.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

ISO 8583:87/93/2003 bit 98

Payee <Pyee> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

10.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see ["Terminal4"](#) on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

10.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

10.4.2.1.11 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData6" on page 1397 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

10.4.2.1.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

10.4.2.1.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

10.4.2.1.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

10.4.2.1.15 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

10.4.2.1.16 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		272
	Details <Dtls>	[0..*]			273
	Type <Tp>	[0..1]	Text		273
	Value <Val>	[0..1]	Text		273

10.4.2.1.16.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

10.4.2.1.16.2 Details <Dtls>*Presence:* [0..*]*Definition:* Detail of the specific type of data.**Details <Dtls>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		273
	Value <Val>	[0..1]	Text		273

10.4.2.1.16.2.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**10.4.2.1.16.2.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**10.4.2.2 Context <Cntxt>***Presence:* [0..1]*Definition:* Context in which the card transaction is performed.**Context <Cntxt>** contains the following **Context18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		273
	TransactionContext <TxCntxt>	[0..1]	±		275
	Verification <Vrfctn>	[0..*]	±		277
	RiskContext <RskCntxt>	[0..*]	±		277
	SaleContext <SaleCntxt>	[0..1]	±		278
	AdditionalData <AddtlData>	[0..*]			278
	Type <Tp>	[0..1]	Text		279
	Details <Dtls>	[0..*]			279
	Type <Tp>	[0..1]	Text		279
	Value <Val>	[0..1]	Text		279

10.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>*Presence:* [0..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrhdldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCdPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCdPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

10.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShipmntInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutglnd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApplInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

10.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Contain validation result and/or data to be validated.

Verification <Vrfctn> contains the following elements (see "Verification5" on page 2107 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

10.4.2.2.4 RiskContext <RskCntxt>

Presence: [0..*]

Definition: Context of risk associated with the transaction.

RiskContext <RskCntxt> contains the following elements (see "RiskContext2" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

10.4.2.2.5 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlrvyChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlrvyChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlrvySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlrvySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

10.4.2.2.6 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		279
	Details <Dtls>	[0..*]			279
	Type <Tp>	[0..1]	Text		279
	Value <Val>	[0..1]	Text		279

10.4.2.2.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

10.4.2.2.6.2 Details <Dtls>

Presence: [0..*]

Definition: Detail of the specific type of data.

Details <Dtls> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		279
	Value <Val>	[0..1]	Text		279

10.4.2.2.6.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

10.4.2.2.6.2.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

10.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which a financial process is requested.

Transaction <Tx> contains the following **Transaction144** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		280
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		281
	MessageReason <MsgRsn>	[0..*]	CodeSet		281
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		281
	AdditionalService <AddtlSvc>	[0..*]	±		281
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		281
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		282
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		282
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		282
	TransactionIdentification <TxId>	[1..1]	±		282
	TextMessage <TxtMsg>	[0..1]	Text		282
	LocalData <LclData>	[0..*]			283
	Language <Lang>	[1..1]	CodeSet		283
	TextMessage <TxtMsg>	[1..1]	Text		283
	TransactionDescription <TxDesc>	[0..1]	Text		283
	AdditionalData <AddtlData>	[0..*]			283
	Type <Tp>	[0..1]	Text		284
	Details <Dtls>	[0..*]			284
	Type <Tp>	[0..1]	Text		284
	Value <Val>	[0..1]	Text		284

10.4.2.3.1 AdministrativeType <AdmstvTp>

Presence: [1..1]

Definition: Code that identifies an administrative type.

Datatype: "AdministrativeType1Code" on page 2120

CodeName	Name	Definition
OTHN	OtherNational	Other administrative type defined at national level.
OTHP	OtherPrivate	Other administrative type defined at private level.
TEXT	TextMessage	Text message.

10.4.2.3.2 OtherAdministrativeType <OthrAdmstvTp>*Presence:* [0..1]*Definition:* Other administrative type defined at private or national level.*Datatype:* "Max35Text" on page 2207**10.4.2.3.3 MessageReason <MsgRsn>***Presence:* [0..*]*Definition:* Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157**10.4.2.3.4 AlternateMessageReason <AltrnMsgRsn>***Presence:* [0..*]*Definition:* Supports message reason codes that are not defined in external code list.*Datatype:* "Max256Text" on page 2206**10.4.2.3.5 AdditionalService <AddtlSvc>***Presence:* [0..*]*Definition:* Additional functions or services to be performed in conjunction with the transaction.**AdditionalService <AddtlSvc>** contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

10.4.2.3.6 AssociatedDataIndicator <AssocdDataInd>*Presence:* [0..1]*Definition:* Indicates that additional data will be provided in a separate addendum message.*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

10.4.2.3.7 AssociatedDataReference <AssoctdDataRef>*Presence:* [0..1]*Definition:* Reference to additional transaction details to be conveyed separately from this message.*Datatype:* "Max70Text" on page 2209**10.4.2.3.8 AssociatedDataDestination <AssoctdDataDstn>***Presence:* [0..1]*Definition:* Destination value to be used in the subsequent addendum message.*Datatype:* "Max35Text" on page 2207**10.4.2.3.9 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>***Presence:* [0..*]*Definition:* Data to qualify for incentive or other related programmes.**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

10.4.2.3.10 TransactionIdentification <Txld>*Presence:* [1..1]*Definition:* Identification of the transaction.**TransactionIdentification <Txld>** contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

10.4.2.3.11 TextMessage <TxtMsg>*Presence:* [0..1]*Definition:* Contains generic text message.*Datatype:* "Max20KText" on page 2205

10.4.2.3.12 LocalData <LclData>*Presence:* [0..*]*Definition:* Additional Information in local language.**LocalData <LclData>** contains the following **LocalData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		283
	TextMessage <TxtMsg>	[1..1]	Text		283

10.4.2.3.12.1 Language <Lang>*Presence:* [1..1]*Definition:* The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.*Datatype:* "ISOMax3ALanguageCode" on page 2158**10.4.2.3.12.2 TextMessage <TxtMsg>***Presence:* [1..1]*Definition:* Contains generic text message in local language.*Datatype:* "Max40KText" on page 2207**10.4.2.3.13 TransactionDescription <TxDesc>***Presence:* [0..1]*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

ISO 8583:87/93 bit 104

ISO 8583:2003 bit 104-71

Datatype: "Max1000Text" on page 2201**10.4.2.3.14 AdditionalData <AddtlData>***Presence:* [0..*]*Definition:* Contains additional data.**AdditionalData <AddtlData>** contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		284
	Details <Dtls>	[0..*]			284
	Type <Tp>	[0..1]	Text		284
	Value <Val>	[0..1]	Text		284

10.4.2.3.14.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**10.4.2.3.14.2 Details <DtIs>***Presence:* [0..*]*Definition:* Detail of the specific type of data.**Details <DtIs>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		284
	Value <Val>	[0..1]	Text		284

10.4.2.3.14.2.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**10.4.2.3.14.2.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**10.4.2.4 OriginalTransaction <OrgnlTx>***Presence:* [0..*]*Definition:* Contains details of the transaction to be retrieved.**OriginalTransaction <OrgnlTx>** contains the following **OriginalTransaction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		284
	Context <Cntxt>	[0..1]	±		285
	Transaction <Tx>	[0..1]	±		286
	ProcessingResult <PrcgRslt>	[0..1]	±		287

10.4.2.4.1 Environment <Envt>*Presence:* [0..1]*Definition:* Details of the original message for which a retrieval is being requested.

Environment <Envt> contains the following elements (see "Environment20" on page 1655 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1656
	Originator <Orgtr>	[0..1]	±		1657
	Sender <Sndr>	[0..1]	±		1658
	Receiver <Rcvr>	[0..1]	±		1659
	Acceptor <Accptr>	[0..1]	±		1660
	Destination <Dstrn>	[0..1]	±		1662
	Payer <Pyer>	[0..1]	±		1662
	Payee <Pyee>	[0..1]	±		1663
	Terminal <Termnl>	[0..1]			1663
	TerminalIdentification <Termnllld>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <Termnllntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctn>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666
	Issuer <Issr>	[0..1]	±		1668
	Card <Card>	[1..1]	±		1668
	CustomerDevice <CstmrDvc>	[0..1]	±		1669
	Wallet <Wlt>	[0..1]	±		1670
	Token <Tkn>	[0..1]	±		1671
	Cardholder <Crdhldr>	[0..1]	±		1672

10.4.2.4.2 Context <Cntxt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Context <Cntxt> contains the following elements (see "Context12" on page 1624 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1625
	TransactionContext <TxCntxt>	[1..1]	±		1627
	Verification <Vrfctn>	[0..*]	±		1629
	RiskContext <RskCntxt>	[0..1]	±		1630
	SaleContext <SaleCntxt>	[0..1]	±		1630

10.4.2.4.3 Transaction <Tx>

Presence: [0..1]

Definition: Contains the original transaction details.

Transaction <Tx> contains the following elements (see "Transaction147" on page 1645 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1646
	TransactionSubType <TxSubTp>	[0..1]	Text		1647
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		1647
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1648
	MessageReason <MsgRsn>	[0..*]	CodeSet		1648
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1648
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1648
	AdditionalService <AddtlSvc>	[0..*]	±		1648
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1649
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1649
	TransactionIdentification <TxId>	[0..1]	±		1649
	DisputeData <DsptData>	[0..*]	±		1650
	TransactionAmounts <TxAmts>	[0..1]	±		1651
	AdditionalAmount <AddtlAmt>	[0..*]	±		1651
	AdditionalFee <AddtlFee>	[0..*]	±		1652
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		1652
	DepositDetails <DpstDtls>	[0..*]	±		1653
	FundsServices <FndsSvcs>	[0..1]	±		1653
	AccountFrom <AcctFr>	[0..1]	±		1654
	AccountTo <AcctTo>	[0..1]	±		1654
	TransactionDescription <TxDesc>	[0..1]	Text		1654
	AdditionalData <AddtlData>	[0..*]			1654
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

10.4.2.4.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Contains the processing results of the transaction to be retrieved.

ProcessingResult <PrcgRsIt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsItData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsItData>	[0..1]	±		2080
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

10.4.2.5 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages.

AddendumData <AdddmData> contains the following elements (see "AddendumData3" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1610
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1611
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1611
	AdditionalAcceptorData <AddtlAccptrData>	[0..1]	±		1611
	Customer <Cstmr>	[0..1]	±		1612
	Sale <Sale>	[0..1]	±		1613
	Fleet <Fleet>	[0..1]	±		1613
	Invoice <Invc>	[0..1]	±		1613
	TravelAgency <TrvlAgcy>	[0..*]	±		1614
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1614
	VehicleRental <VhclRntl>	[0..*]	±		1614
	Lodging <Ldgg>	[0..*]	±		1615
	ShippingData <ShppgData>	[0..1]	±		1615
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1616
	TemporaryServices <TempSvcs>	[0..*]	±		1616
	Instalment <Instlmt>	[0..1]	±		1617
	AdditionalData <AddtlData>	[0..*]			1617
	Type <Tp>	[0..1]	Text		1618
	Value <Val>	[0..1]	Text		1618

10.4.2.6 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		290
	Details <Dtls>	[0..*]			290
	Type <Tp>	[0..1]	Text		290
	Value <Val>	[0..1]	Text		290

10.4.2.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

10.4.2.6.2 Details <DtIs>

Presence: [0..*]

Definition: Detail of the specific type of data.

Details <DtIs> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		290
	Value <Val>	[0..1]	Text		290

10.4.2.6.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

10.4.2.6.2.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

10.4.2.7 ProcessingResult <PrcgRsIt>

Presence: [1..1]

Definition: Outcome of the processing of the authorisation

ProcessingResult <PrcgRsIt> contains the following elements (see "ProcessingResult17" on page 2039 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2039
	ResultData <RsItData>	[1..1]	±		2040
	ErrorDetail <ErrDtl>	[0..*]			2040
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2041
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2041
	ErrorCode <ErrCd>	[0..1]	Text		2042
	ErrorDescription <ErrDesc>	[0..1]	Text		2042
	DataElementInError <DataElmtInErr>	[0..*]	Text		2042
	OriginalResultData <OrgnlRsItData>	[0..1]	±		2042
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2042
	Action <Actn>	[0..*]	±		2043
	AdditionalAction <AddtlActn>	[0..*]	±		2043
	AdditionalInformation <AddtlInf>	[0..*]	±		2044

10.4.2.8 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

10.4.2.9 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

10.4.2.10 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

11 caad.010.001.01 CustomReportV01

11.1 MessageDefinition Functionality

The Custom Report message can be initiated by any party and received by any party (acquirer, agent, issuer or other party) connected to a network.

This message provides the capability to convey customized reports that are defined by bi-lateral agreement.

Outline

The CustomReportV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Information related to protocol management.
- B. Body
Information related to the customer report.
- C. SecurityTrailer
Trailer of the message containing a MAC.

11.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <CstmRpt>	[1..1]			
	Header <Hdr>	[1..1]	±		298
	Body <Body>	[1..1]			299
	Environment <Envt>	[1..1]			301
	Originator <Orgtr>	[0..1]	±		301
	Sender <Sndr>	[0..1]	±		302
	Receiver <Rcvr>	[0..1]	±		303
	Destination <Dstn>	[0..1]	±		304
	Context <Cntxt>	[0..1]			305
	TransactionContext <TxCntxt>	[0..1]			306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		306
	Jurisdiction <Jursdctn>	[0..1]			307
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		307
	DomesticQualification <DmstQlfctn>	[0..1]	Text		307
	SettlementService <SttlmSvc>	[0..1]	±		307
	Reconciliation <Rcncltn>	[0..1]	±		308
	AdditionalData <AddtlData>	[0..*]			308
	Type <Tp>	[0..1]	Text		309
	Value <Val>	[0..1]	Text		309
	Report <Rpt>	[1..1]			309
	Name <Nm>	[0..1]	Text		310
	Identification <Id>	[0..1]	Text		310
	Qualifier <Qlfr>	[0..1]	Text		311
	Date <Dt>	[0..1]	Date		311
	Time <Tm>	[0..1]	Time		311
	Sequence <Seq>	[0..1]	Text		311
	TotalOccurrences <TtlOcrncs>	[0..1]	Text		311
	Frequency <Frqcy>	[0..1]	CodeSet		311
	Correction <Crrctn>	[0..1]			312
	Indicator <Ind>	[0..1]	Indicator		312

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		312
	Time <Tm>	[0..1]	Time		312
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		312
	AdditionalData <AddtlData>	[0..*]			313
	Type <Tp>	[0..1]	Text		313
	Value <Val>	[0..1]	Text		313
	Format <Frmt>	[0..1]	CodeSet		313
	OtherFormat <OthrFrmt>	[0..1]	Text		314
	Content <Cntt>	[0..*]			314
	ReportLineSequence <RptLineSeq>	[0..1]	Text		314
	FormattedContent <FrmtdCntt>	[1..1]			314
{Or	Text <Txt>	[1..1]	Text		315
Or	Binary <Binry>	[1..1]	Binary		315
Or}	ProtectedData <PrctcdData>	[1..1]	±		315
	SupplementaryData <SplmtryData>	[0..*]	±	C1	318
	SecurityTrailer <SctyTrlr>	[0..1]	±		318

11.3 Constraints

C1 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 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

11.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to protocol management.

Header <Hdr> contains the following elements (see "Header65" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1736
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1736
	ExchangeIdentification <XchgId>	[0..1]	Text		1737
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1737
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1737
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1737
	InitiatingParty <InitgPty>	[1..1]	±		1737
	RecipientParty <RcptPty>	[0..1]	±		1738
	TraceData <TracData>	[0..*]			1738
	Type <Tp>	[0..1]	Text		1738
	Value <Val>	[0..1]	Text		1739
	Traceability <Tracblt>	[0..*]	±		1739

11.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the customer report.

Body <Body> contains the following **CustomReport1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			301
	Originator <Orgtr>	[0..1]	±		301
	Sender <Sndr>	[0..1]	±		302
	Receiver <Rcvr>	[0..1]	±		303
	Destination <Dstn>	[0..1]	±		304
	Context <Cntxt>	[0..1]			305
	TransactionContext <TxCntxt>	[0..1]			306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		306
	Jurisdiction <Jursdctn>	[0..1]			307
	DomesticIndicator <DmstInd>	[0..1]	Indicator		307
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		307
	SettlementService <SttlmSvc>	[0..1]	±		307
	Reconciliation <Rcncltn>	[0..1]	±		308
	AdditionalData <AddtlData>	[0..*]			308
	Type <Tp>	[0..1]	Text		309
	Value <Val>	[0..1]	Text		309
	Report <Rpt>	[1..1]			309
	Name <Nm>	[0..1]	Text		310
	Identification <Id>	[0..1]	Text		310
	Qualifier <Qlfr>	[0..1]	Text		311
	Date <Dt>	[0..1]	Date		311
	Time <Tm>	[0..1]	Time		311
	Sequence <Seq>	[0..1]	Text		311
	TotalOccurrences <TtlOcrncs>	[0..1]	Text		311
	Frequency <Frqcy>	[0..1]	CodeSet		311
	Correction <Crrctn>	[0..1]			312
	Indicator <Ind>	[0..1]	Indicator		312
	Date <Dt>	[0..1]	Date		312
	Time <Tm>	[0..1]	Time		312
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		312
	AdditionalData <AddtlData>	[0..*]			313

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		313
	Value <Val>	[0..1]	Text		313
	Format <Frmt>	[0..1]	CodeSet		313
	OtherFormat <OthrFrmt>	[0..1]	Text		314
	Content <Cntt>	[0..*]			314
	ReportLineSequence <RptLineSeq>	[0..1]	Text		314
	FormattedContent <FrmtCntt>	[1..1]			314
{Or	Text <Txt>	[1..1]	Text		315
Or	Binary <Binry>	[1..1]	Binary		315
Or}	ProtectedData <PrctcdData>	[1..1]	±		315
	SupplementaryData <SplmtryData>	[0..*]	±	C1	318

11.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment33** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		301
	Sender <Sndr>	[0..1]	±		302
	Receiver <Rcvr>	[0..1]	±		303
	Destination <Dstn>	[0..1]	±		304

11.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

11.4.2.1.2 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

11.4.2.1.3 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

11.4.2.1.4 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

11.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			306
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		306
	Jurisdiction <Jursdctn>	[0..1]			307
	DomesticIndicator <DmstInd>	[0..1]	Indicator		307
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		307
	SettlementService <SttlmSvc>	[0..1]	±		307
	Reconciliation <Rcncltn>	[0..1]	±		308
	AdditionalData <AddtlData>	[0..*]			308
	Type <Tp>	[0..1]	Text		309
	Value <Val>	[0..1]	Text		309

11.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		306
	Jurisdiction <Jursdctn>	[0..1]			307
	DomesticIndicator <DmstInd>	[0..1]	Indicator		307
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		307
	SettlementService <SttlmSvc>	[0..1]	±		307
	Reconciliation <Rcncltn>	[0..1]	±		308
	AdditionalData <AddtlData>	[0..*]			308
	Type <Tp>	[0..1]	Text		309
	Value <Val>	[0..1]	Text		309

11.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

11.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		307
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		307

11.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

11.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

11.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

11.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

11.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		309
	Value <Val>	[0..1]	Text		309

11.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

11.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

11.4.2.3 Report <Rpt>

Presence: [1..1]

Definition: Specifies the attributes of a report and its content.

Report <Rpt> contains the following **ReportData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		310
	Identification <Id>	[0..1]	Text		310
	Qualifier <Qlfr>	[0..1]	Text		311
	Date <Dt>	[0..1]	Date		311
	Time <Tm>	[0..1]	Time		311
	Sequence <Seq>	[0..1]	Text		311
	TotalOccurrences <TtlOcrncs>	[0..1]	Text		311
	Frequency <Frqcy>	[0..1]	CodeSet		311
	Correction <Crrctn>	[0..1]			312
	Indicator <Ind>	[0..1]	Indicator		312
	Date <Dt>	[0..1]	Date		312
	Time <Tm>	[0..1]	Time		312
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		312
	AdditionalData <AddtlData>	[0..*]			313
	Type <Tp>	[0..1]	Text		313
	Value <Val>	[0..1]	Text		313
	Format <Frmt>	[0..1]	CodeSet		313
	OtherFormat <OthrFrmt>	[0..1]	Text		314
	Content <Cntt>	[0..*]			314
	ReportLineSequence <RptLineSeq>	[0..1]	Text		314
	FormattedContent <FrmtdCntt>	[1..1]			314
{Or	Text <Txt>	[1..1]	Text		315
Or	Binary <Binry>	[1..1]	Binary		315
Or}	ProtectedData <PrctcdData>	[1..1]	±		315

11.4.2.3.1 Name <Nm>

Presence: [0..1]

Definition: Name of the report.

Datatype: "Max140Text" on page 2203

11.4.2.3.2 Identification <Id>

Presence: [0..1]

Definition: Report identification.

Datatype: "Max140Text" on page 2203

11.4.2.3.3 Qualifier <Qlfr>

Presence: [0..1]

Definition: Additional specific information to ID (Country, Service, etc.)

Datatype: "Max70Text" on page 2209

11.4.2.3.4 Date <Dt>

Presence: [0..1]

Definition: Date of the report.

Datatype: "ISODate" on page 2196

11.4.2.3.5 Time <Tm>

Presence: [0..1]

Definition: Time of the report.

Datatype: "ISOTime" on page 2211

11.4.2.3.6 Sequence <Seq>

Presence: [0..1]

Definition: Contains the specific instance of the report (e.g., sequence "2" of the report within a specific time frame).

Datatype: "Max5NumericText" on page 2209

11.4.2.3.7 TotalOccurrences <TtlOcrncs>

Presence: [0..1]

Definition: Contains the expected total number of occurrences of the report within a specific time frame.

Datatype: "Max5NumericText" on page 2209

11.4.2.3.8 Frequency <Frqcy>

Presence: [0..1]

Definition: Report frequency.

Datatype: "Frequency17Code" on page 2150

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
DAIL	Daily	Event takes place every day.
FRTN	Fortnightly	Event takes place every two weeks.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.

CodeName	Name	Definition
MIAN	SemiAnnual	Event takes place every six months or two times a year.
TEND	TenDays	Event takes place every ten business days.
WEEK	Weekly	Event takes place once a week.
ADHO	Adhoc	Event takes place on request or as necessary.
SHFT	Shift	Event associated with a shift.
ODMD	OnDemand	Event takes place on demand.

11.4.2.3.9 Correction <Crrctn>

Presence: [0..1]

Definition: Identifies that is a corrected version of a report that was previously sent.

Correction <Crrctn> contains the following **CorrectionIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Indicator <Ind>	[0..1]	Indicator		312
	Date <Dt>	[0..1]	Date		312
	Time <Tm>	[0..1]	Time		312

11.4.2.3.9.1 Indicator <Ind>

Presence: [0..1]

Definition: Indicates the message contains an updated version of a message that was previously sent.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

11.4.2.3.9.2 Date <Dt>

Presence: [0..1]

Definition: Contains the date of the update.

Datatype: ["ISODate"](#) on page 2196

11.4.2.3.9.3 Time <Tm>

Presence: [0..1]

Definition: Contains the time of the update.

Datatype: ["ISOTime"](#) on page 2211

11.4.2.3.10 ContinuationIndicator <ConttnInd>

Presence: [0..1]

Definition: Indicates that report is not complete.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

11.4.2.3.11 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional report attributes or information.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		313
	Value <Val>	[0..1]	Text		313

11.4.2.3.11.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: ["Max35Text"](#) on page 2207

11.4.2.3.11.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: ["Max2048Text"](#) on page 2205

11.4.2.3.12 Format <Frmt>

Presence: [0..1]

Definition: Report format.

Datatype: ["OutputFormat5Code"](#) on page 2169

CodeName	Name	Definition
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.
PLIN	PrintLine	A formatted print line.
JSON	JSON	Java Syntax Object Notation format.
XMLF	XML	eXtensible Markup Language format.

CodeName	Name	Definition
EDIF	EDIFACT	Electronic data interchange for administration, commerce and transport.
CSVF	CSV	Comma separated value format.
JPEG	JPEG	Joint Photographic Experts Group format.
PDFF	PDF	Portable Document Format.
PNGF	PNG	Portable Network Graphics format.
SVGF	SVG	Scalable vector graphic format.

11.4.2.3.13 OtherFormat <OthrFrmt>

Presence: [0..1]

Definition: Other report format defined by national organization or by bi-lateral agreement.

Datatype: "Max35Text" on page 2207

11.4.2.3.14 Content <Cntt>

Presence: [0..*]

Definition: Contains the content of a report.

Content <Cntt> contains the following **ReportContent1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReportLineSequence <RptLineSeq>	[0..1]	Text		314
	FormattedContent <FrmtCntt>	[1..1]			314
{Or	Text <Txt>	[1..1]	Text		315
Or	Binary <Binry>	[1..1]	Binary		315
Or}	ProtectedData <PrctdData>	[1..1]	±		315

11.4.2.3.14.1 ReportLineSequence <RptLineSeq>

Presence: [0..1]

Definition: Sequence number of the report line in the report.

Datatype: "Max10NumericText" on page 2202

11.4.2.3.14.2 FormattedContent <FrmtCntt>

Presence: [1..1]

Definition: Formatted or unformatted report content.

FormattedContent <FrmtdCntt> contains one of the following **ReportContent1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Text <Txt>	[1..1]	Text		315
Or	Binary <Binry>	[1..1]	Binary		315
Or}	ProtectedData <PrtctdData>	[1..1]	±		315

11.4.2.3.14.2.1 Text <Txt>

Presence: [1..1]

Definition: Report content in text format.

Datatype: "Max10MbText" on page 2202

11.4.2.3.14.2.2 Binary <Binry>

Presence: [1..1]

Definition: BASE-64 encoded report content.

Datatype: "Max20MbBinary" on page 2110

11.4.2.3.14.2.3 ProtectedData <PrtctdData>

Presence: [1..1]

Definition: Encrypted report content.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

11.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

12 **cafc.001.001.02** **FeeCollectionInitiationV02**

12.1 **MessageDefinition Functionality**

The FeeCollectionInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer) to claim or pay a miscellaneous service between financial institutions. Fee collection messages have financial impacts and affect reconciliation totals without affecting a cardholder account.

Outline

The FeeCollectionInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

ISO 8583 MTI

B. Body

Information related to the initiation of a fee collection.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

12.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FeeColltnIntr>	[1..1]			
	Header <Hdr>	[1..1]	±		322
	Body <Body>	[1..1]			323
	Environment <Env>	[1..1]			325
	Acquirer <Acqrr>	[0..1]	±		325
	Originator <Orgtr>	[0..1]	±		326
	Sender <Sndr>	[0..1]	±		327
	Receiver <Rcvr>	[0..1]	±		328
	Acceptor <Accptr>	[0..1]	±		329
	Destination <Dstn>	[0..1]	±		331
	Issuer <Issr>	[0..1]	±		331
	Card <Card>	[0..1]	±		332
	Token <Tkn>	[0..1]	±		332
	Context <Cntxt>	[0..1]			333
	TransactionContext <TxCntxt>	[0..1]	±		333
	Transaction <Tx>	[1..1]			334
	TransactionType <TxTp>	[1..1]	CodeSet		335
	TransactionSubType <TxSubTp>	[0..1]	Text		335
	CancellationIndicator <Cxllnd>	[0..1]	Indicator		335
	MessageReason <MsgRsn>	[0..*]	CodeSet		336
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		336
	SpecialProgrammeQualification <SpclPrgrmmQlfcctn>	[0..*]	±		336
	TransactionIdentification <TxId>	[1..1]	±		336
	TransactionAmounts <TxAmts>	[1..1]	±		337
	AdditionalAmount <AddtlAmt>	[0..*]	±		337
	AdditionalFee <AddtlFee>	[0..*]	±		338
	AdditionalData <AddtlData>	[0..*]			338
	Type <Tp>	[0..1]	Text		339
	Value <Val>	[0..1]	Text		339
	FeeCollectionCycle <FeeColltnCycl>	[0..1]	Text		339

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	FeeCollectionReference <FeeColltnRef>	[0..1]	±		339
	ProcessingResult <PrcgRslt>	[0..1]	±		339
	ProtectedData <PrctcdData>	[0..*]	±		340
	SupplementaryData <SplmtryData>	[0..*]	±	C1	343
	SecurityTrailer <SctyTrlr>	[0..1]	±		343

12.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

12.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

12.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

ISO 8583 MTI

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

12.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of a fee collection.

Body <Body> contains the following **FeeCollectionInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			325
	Acquirer <Acqrr>	[0..1]	±		325
	Originator <Orgtr>	[0..1]	±		326
	Sender <Sndr>	[0..1]	±		327
	Receiver <Rcvr>	[0..1]	±		328
	Acceptor <Accptr>	[0..1]	±		329
	Destination <Dstn>	[0..1]	±		331
	Issuer <Issr>	[0..1]	±		331
	Card <Card>	[0..1]	±		332
	Token <Tkn>	[0..1]	±		332
	Context <Cntxt>	[0..1]			333
	TransactionContext <TxCntxt>	[0..1]	±		333
	Transaction <Tx>	[1..1]			334
	TransactionType <TxTp>	[1..1]	CodeSet		335
	TransactionSubType <TxSubTp>	[0..1]	Text		335
	CancellationIndicator <Cxllnd>	[0..1]	Indicator		335
	MessageReason <MsgRsn>	[0..*]	CodeSet		336
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		336
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		336
	TransactionIdentification <TxId>	[1..1]	±		336
	TransactionAmounts <TxAmts>	[1..1]	±		337
	AdditionalAmount <AddtlAmt>	[0..*]	±		337
	AdditionalFee <AddtlFee>	[0..*]	±		338
	AdditionalData <AddtlData>	[0..*]			338
	Type <Tp>	[0..1]	Text		339
	Value <Val>	[0..1]	Text		339
	FeeCollectionCycle <FeeColltnCycl>	[0..1]	Text		339
	FeeCollectionReference <FeeColltnRef>	[0..1]	±		339
	ProcessingResult <PrcgRslt>	[0..1]	±		339
	ProtectedData <PrtctdData>	[0..*]	±		340
	SupplementaryData <SplmtryData>	[0..*]	±	C1	343

12.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		325
	Originator <Orgtr>	[0..1]	±		326
	Sender <Sndr>	[0..1]	±		327
	Receiver <Rcvr>	[0..1]	±		328
	Acceptor <Accptr>	[0..1]	±		329
	Destination <Dstn>	[0..1]	±		331
	Issuer <Issr>	[0..1]	±		331
	Card <Card>	[0..1]	±		332
	Token <Tkn>	[0..1]	±		332

12.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Party in contract with an Acceptor to acquire card payment transactions.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

12.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

12.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

12.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

12.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

12.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see ["PartyIdentification263"](#) on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

12.4.2.1.7 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

12.4.2.1.8 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData2" on page 1381 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1381
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1381
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1381
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1382

12.4.2.1.9 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

12.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]	±		333

12.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmntInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

12.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction156** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		335
	TransactionSubType <TxSubTp>	[0..1]	Text		335
	CancellationIndicator <Cxllnd>	[0..1]	Indicator		335
	MessageReason <MsgRsn>	[0..*]	CodeSet		336
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		336
	SpecialProgrammeQualification <SpclPrgrmmQlfcfn>	[0..*]	±		336
	TransactionIdentification <Txld>	[1..1]	±		336
	TransactionAmounts <TxAmts>	[1..1]	±		337
	AdditionalAmount <AddtlAmt>	[0..*]	±		337
	AdditionalFee <AddtlFee>	[0..*]	±		338
	AdditionalData <AddtlData>	[0..*]			338
	Type <Tp>	[0..1]	Text		339
	Value <Val>	[0..1]	Text		339
	FeeCollectionCycle <FeeColltnCycl>	[0..1]	Text		339
	FeeCollectionReference <FeeColltnRef>	[0..1]	±		339

12.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction associated with the main service

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

12.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

12.4.2.3.3 CancellationIndicator <Cxllnd>

Presence: [0..1]

Definition: Indicates the previous fee collection message is cancelled.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

12.4.2.3.4 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

12.4.2.3.5 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Alternate message reason to send the message.

Datatype: "Max256Text" on page 2206

12.4.2.3.6 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfcnt> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

12.4.2.3.7 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification51](#)" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

12.4.2.3.8 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "[TransactionAmounts2](#)" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

12.4.2.3.9 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

12.4.2.3.10 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

12.4.2.3.11 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		339
	Value <Val>	[0..1]	Text		339

12.4.2.3.11.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

12.4.2.3.11.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

12.4.2.3.12 FeeCollectionCycle <FeeColltnCycl>

Presence: [0..1]

Definition: Indicates the Fee Collection cycle.

Datatype: "Exact1NumericText" on page 2200

12.4.2.3.13 FeeCollectionReference <FeeColltnRef>

Presence: [0..1]

Definition: Reference for the Fee Collection.

FeeCollectionReference <FeeColltnRef> contains the following elements (see "FeeCollectionReference1" on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1695
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1696
	FeeCollectionIdentification <FeeColltnId>	[1..*]			1696
	Type <Tp>	[0..1]	Text		1696
	Identification <Id>	[1..1]	Text		1696

12.4.2.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Outcome of the processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult14" on page 2054 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2055
	ResultData <RsltData>	[0..1]			2055
	Result <Rslt>	[0..1]	CodeSet		2056
	OtherResult <OthrRslt>	[0..1]	Text		2056
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2056
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2057
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2057
	Type <Tp>	[0..1]	Text		2057
	Value <Val>	[0..1]	Text		2057
	ErrorDetail <ErrDtl>	[0..*]			2057
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2057
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2058
	ErrorCode <ErrCd>	[0..1]	Text		2058
	ErrorDescription <ErrDesc>	[0..1]	Text		2058
	DataElementInError <DataElmtInErr>	[0..*]	Text		2058
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2059
	AdditionalInformation <AddtlInf>	[0..*]	±		2059

12.4.2.5 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

12.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

13 cafc.002.001.02

FeeCollectionResponseV02

13.1 MessageDefinition Functionality

The FeeCollectionResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a FeeCollectionInitiation message.

Outline

The FeeCollectionResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

ISO 8583 MTI

B. Body

Information related to the response of a fee collection initiation message..

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

13.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FeeColltnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		347
	Body <Body>	[1..1]			348
	Environment <Envt>	[1..1]			350
	Acquirer <Acqrr>	[0..1]	±		350
	Originator <Orgtr>	[0..1]	±		351
	Sender <Sndr>	[0..1]	±		352
	Receiver <Rcvr>	[0..1]	±		353
	Acceptor <Accptr>	[0..1]	±		354
	Destination <Dstn>	[0..1]	±		356
	Issuer <Issr>	[0..1]	±		356
	Card <Card>	[0..1]	±		357
	Token <Tkn>	[0..1]	±		357
	Context <Cntxt>	[0..1]			358
	TransactionContext <TxCntxt>	[0..1]	±		358
	Transaction <Tx>	[1..1]			359
	TransactionType <TxTp>	[1..1]	CodeSet		360
	TransactionSubType <TxSubTp>	[0..1]	Text		360
	CancellationIndicator <Cxllnd>	[0..1]	Indicator		360
	MessageReason <MsgRsn>	[0..*]	CodeSet		361
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		361
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		361
	TransactionIdentification <TxId>	[1..1]	±		361
	TransactionAmounts <TxAmts>	[1..1]	±		362
	AdditionalAmount <AddtlAmt>	[0..*]	±		362
	AdditionalFee <AddtlFee>	[0..*]	±		363
	AdditionalData <AddtlData>	[0..*]			363
	Type <Tp>	[0..1]	Text		364
	Value <Val>	[0..1]	Text		364
	FeeCollectionCycle <FeeColltnCycl>	[0..1]	Text		364

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	FeeCollectionReference <FeeColltnRef>	[0..1]	±		364
	ProcessingResult <PrccgRslt>	[1..1]	±		364
	SupplementaryData <SplmtryData>	[0..*]	±	C1	365
	SecurityTrailer <SctyTrlr>	[0..1]	±		366

13.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

13.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

13.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

ISO 8583 MTI

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

13.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the response of a fee collection initiation message..

Body <Body> contains the following FeeCollectionResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			350
	Acquirer <Acqrr>	[0..1]	±		350
	Originator <Orgtr>	[0..1]	±		351
	Sender <Sndr>	[0..1]	±		352
	Receiver <Rcvr>	[0..1]	±		353
	Acceptor <Accptr>	[0..1]	±		354
	Destination <Dstn>	[0..1]	±		356
	Issuer <Issr>	[0..1]	±		356
	Card <Card>	[0..1]	±		357
	Token <Tkn>	[0..1]	±		357
	Context <Cntxt>	[0..1]			358
	TransactionContext <TxCntxt>	[0..1]	±		358
	Transaction <Tx>	[1..1]			359
	TransactionType <TxTp>	[1..1]	CodeSet		360
	TransactionSubType <TxSubTp>	[0..1]	Text		360
	CancellationIndicator <Cxllnd>	[0..1]	Indicator		360
	MessageReason <MsgRsn>	[0..*]	CodeSet		361
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		361
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		361
	TransactionIdentification <TxId>	[1..1]	±		361
	TransactionAmounts <TxAmts>	[1..1]	±		362
	AdditionalAmount <AddtlAmt>	[0..*]	±		362
	AdditionalFee <AddtlFee>	[0..*]	±		363
	AdditionalData <AddtlData>	[0..*]			363
	Type <Tp>	[0..1]	Text		364
	Value <Val>	[0..1]	Text		364
	FeeCollectionCycle <FeeColltnCycl>	[0..1]	Text		364
	FeeCollectionReference <FeeColltnRef>	[0..1]	±		364
	ProcessingResult <PrcgRslt>	[1..1]	±		364
	SupplementaryData <SplmtryData>	[0..*]	±	C1	365

13.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction

Environment <Envt> contains the following **Environment23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		350
	Originator <Orgtr>	[0..1]	±		351
	Sender <Sndr>	[0..1]	±		352
	Receiver <Rcvr>	[0..1]	±		353
	Acceptor <Accptr>	[0..1]	±		354
	Destination <Dstn>	[0..1]	±		356
	Issuer <Issr>	[0..1]	±		356
	Card <Card>	[0..1]	±		357
	Token <Tkn>	[0..1]	±		357

13.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Party in contract with an Acceptor to acquire card payment transactions.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

13.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

13.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

13.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

13.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

13.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

13.4.2.1.7 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

13.4.2.1.8 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData2" on page 1381 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1381
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1381
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1381
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1382

13.4.2.1.9 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

13.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]	±		358

13.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmntInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

13.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction156** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		360
	TransactionSubType <TxSubTp>	[0..1]	Text		360
	CancellationIndicator <Cxllnd>	[0..1]	Indicator		360
	MessageReason <MsgRsn>	[0..*]	CodeSet		361
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		361
	SpecialProgrammeQualification <SpclPrgrmmQlfcctn>	[0..*]	±		361
	TransactionIdentification <TxId>	[1..1]	±		361
	TransactionAmounts <TxAmts>	[1..1]	±		362
	AdditionalAmount <AddtlAmt>	[0..*]	±		362
	AdditionalFee <AddtlFee>	[0..*]	±		363
	AdditionalData <AddtlData>	[0..*]			363
	Type <Tp>	[0..1]	Text		364
	Value <Val>	[0..1]	Text		364
	FeeCollectionCycle <FeeColltnCycl>	[0..1]	Text		364
	FeeCollectionReference <FeeColltnRef>	[0..1]	±		364

13.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction associated with the main service

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

13.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

13.4.2.3.3 CancellationIndicator <Cxllnd>

Presence: [0..1]

Definition: Indicates the previous fee collection message is cancelled.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

13.4.2.3.4 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

13.4.2.3.5 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Alternate message reason to send the message.

Datatype: "Max256Text" on page 2206

13.4.2.3.6 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfcnt> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

13.4.2.3.7 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification51](#)" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

13.4.2.3.8 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "[TransactionAmounts2](#)" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

13.4.2.3.9 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

13.4.2.3.10 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

13.4.2.3.11 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		364
	Value <Val>	[0..1]	Text		364

13.4.2.3.11.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

13.4.2.3.11.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

13.4.2.3.12 FeeCollectionCycle <FeeColltnCycl>

Presence: [0..1]

Definition: Indicates the Fee Collection cycle.

Datatype: "Exact1NumericText" on page 2200

13.4.2.3.13 FeeCollectionReference <FeeColltnRef>

Presence: [0..1]

Definition: Reference for the Fee Collection.

FeeCollectionReference <FeeColltnRef> contains the following elements (see "FeeCollectionReference1" on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1695
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1696
	FeeCollectionIdentification <FeeColltnId>	[1..*]			1696
	Type <Tp>	[0..1]	Text		1696
	Identification <Id>	[1..1]	Text		1696

13.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the authorisation

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

13.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType20](#)" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngh>	[0..1]	Text		1985
	KeyProtection <KeyPrtc>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

14 **cafm.001.001.02**

FileActionInitiationV02

14.1 MessageDefinition Functionality

The FileActionInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer).

This message is used to inquire, add, change, delete or replace a file or a record.

Outline

The FileActionInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the initiation of a file action.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

14.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FileActnInitr>	[1..1]			
	Header <Hdr>	[1..1]	±		371
	Body <Body>	[1..1]			371
	Environment <Envr>	[1..1]			374
	Acquirer <Acqrr>	[0..1]	±		376
	Originator <Orgtr>	[0..1]	±		376
	Sender <Sndr>	[0..1]	±		377
	Receiver <Rcvr>	[0..1]	±		378
	Acceptor <Accptr>	[0..1]	±		379
	Payer <Pyer>	[0..1]	±		381
	Payee <Pyee>	[0..1]	±		381
	Terminal <Termnl>	[0..1]	±		381
	Issuer <Issr>	[0..1]	±		382
	Card <Card>	[0..1]	±		383
	Destination <Dstn>	[0..1]	±		383
	CustomerDevice <CstmrDvc>	[0..1]	±		384
	Wallet <Wllet>	[0..1]	±		385
	Token <Tkn>	[0..1]			386
	PaymentToken <PmtTkn>	[0..1]	Text		387
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		387
	TokenRequestorIdentification <TknRqstrId>	[0..1]	Text		388
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		388
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		388
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		388
	TokenInitiatedIndicator <TknInittIdnd>	[0..1]	Indicator		388
	StorageLocation <StorgLctn>	[0..1]	CodeSet		388
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		389
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		389
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		389
	OriginalToken <OrgnlTkn>	[0..1]			389

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		390
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		390
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		390
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		390
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		390
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		390
	AdditionalData <AddtlData>	[0..*]			390
	Type <Tp>	[0..1]	Text		391
	Value <Val>	[0..1]	Text		391
	Cardholder <Crhdldr>	[0..1]	±		391
	Context <Cntxt>	[0..1]			391
	TransactionContext <TxCntxt>	[0..1]			392
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		392
	Jurisdiction <Jursdctn>	[0..1]			393
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		393
	DomesticQualification <DmstQlfctn>	[0..1]	Text		393
	SettlementService <SttlmSvc>	[0..1]	±		393
	Reconciliation <Rcncltn>	[0..1]	±		394
	AdditionalData <AddtlData>	[0..*]			394
	Type <Tp>	[0..1]	Text		395
	Value <Val>	[0..1]	Text		395
	Transaction <Tx>	[1..1]			395
	MessageReason <MsgRsn>	[0..*]	CodeSet		396
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		396
	TransactionIdentification <Txld>	[0..1]	±		397
	FileActionScope <FileActnScp>	[0..1]	CodeSet		397
	FileActionType <FileActnTp>	[0..1]	CodeSet		397
	OtherFileActionType <OthrFileActnTp>	[0..1]	Text		398
	FileActionDetails <FileActnDtls>	[1..1]			398
	FileName <FileNm>	[0..1]	Text		398
	Format <Frmt>	[0..1]	CodeSet		398

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	DataRecord <DataRcrd>	[1..1]			399
{Or	Binary <Binry>	[1..*]	Binary		399
Or}	Text <Txt>	[1..*]	Text		399
	ActionDate <ActnDt>	[0..1]	Date		400
	FileSecurityCode <FileSctyCd>	[0..1]	Text		400
	AdditionalFee <AddtlFee>	[0..*]	±		400
	AdditionalData <AddtlData>	[0..*]			400
	Type <Tp>	[0..1]	Text		401
	Value <Val>	[0..1]	Text		401
	Correction <Crrctn>	[0..1]			401
	Indicator <Ind>	[0..1]	Indicator		401
	Date <Dt>	[0..1]	Date		401
	Time <Tm>	[0..1]	Time		401
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		402
	ProcessingResult <PrcgRslt>	[0..1]			402
	Result <Rslt>	[0..1]	CodeSet		402
	OtherResult <OthrRslt>	[0..1]	Text		403
	ResultDetails <RsltDtls>	[1..1]	CodeSet		403
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		403
	ProtectedData <PrtctdData>	[0..*]	±		403
	SupplementaryData <SplmtryData>	[0..*]	±	C1	406
	SecurityTrailer <SctyTrlr>	[0..1]	±		406

14.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

14.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

14.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "Header68" on page 1716 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1716
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1717
	ExchangeIdentification <XchgId>	[0..1]	Text		1717
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1717
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1717
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1717
	InitiatingParty <InitgPty>	[1..1]	±		1718
	RecipientParty <RcptPty>	[0..1]	±		1718
	TraceData <TracData>	[0..*]			1718
	Type <Tp>	[0..1]	Text		1719
	Value <Val>	[0..1]	Text		1719
	Traceability <Tracblt>	[0..*]	±		1719

14.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of a file action.

Body <Body> contains the following **FileActionInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			374
	Acquirer <Acqrr>	[0..1]	±		376
	Originator <Orgtr>	[0..1]	±		376
	Sender <Sndr>	[0..1]	±		377
	Receiver <Rcvr>	[0..1]	±		378
	Acceptor <Acptr>	[0..1]	±		379
	Payer <Pyer>	[0..1]	±		381
	Payee <Pyee>	[0..1]	±		381
	Terminal <Termnl>	[0..1]	±		381
	Issuer <Issr>	[0..1]	±		382
	Card <Card>	[0..1]	±		383
	Destination <Dstn>	[0..1]	±		383
	CustomerDevice <CstmrDvc>	[0..1]	±		384
	Wallet <Wlt>	[0..1]	±		385
	Token <Tkn>	[0..1]			386
	PaymentToken <PmtTkn>	[0..1]	Text		387
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		387
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		388
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		388
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		388
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		388
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		388
	StorageLocation <StorgLctn>	[0..1]	CodeSet		388
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		389
	ProtectionMethod <PrtnMtd>	[0..1]	CodeSet		389
	OtherProtectionMethod <OthrPrtnMtd>	[0..1]	Text		389
	OriginalToken <OrgnlTkn>	[0..1]			389
	PaymentToken <PmtTkn>	[0..1]	Text		390
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		390
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		390
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		390
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		390
	AdditionalData <AddtlData>	[0..*]			390
	Type <Tp>	[0..1]	Text		391
	Value <Val>	[0..1]	Text		391
	Cardholder <Crhdldr>	[0..1]	±		391
	Context <Cntxt>	[0..1]			391
	TransactionContext <TxCntxt>	[0..1]			392
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		392
	Jurisdiction <Jursdctn>	[0..1]			393
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		393
	DomesticQualification <DmstQlfctn>	[0..1]	Text		393
	SettlementService <SttlmSvc>	[0..1]	±		393
	Reconciliation <Rcncltn>	[0..1]	±		394
	AdditionalData <AddtlData>	[0..*]			394
	Type <Tp>	[0..1]	Text		395
	Value <Val>	[0..1]	Text		395
	Transaction <Tx>	[1..1]			395
	MessageReason <MsgRsn>	[0..*]	CodeSet		396
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		396
	TransactionIdentification <TxId>	[0..1]	±		397
	FileActionScope <FileActnScp>	[0..1]	CodeSet		397
	FileActionType <FileActnTp>	[0..1]	CodeSet		397
	OtherFileActionType <OthrFileActnTp>	[0..1]	Text		398
	FileActionDetails <FileActnDtls>	[1..1]			398
	FileName <FileNm>	[0..1]	Text		398
	Format <Frmt>	[0..1]	CodeSet		398
	DataRecord <DataRcrd>	[1..1]			399
{Or	Binary <Binry>	[1..*]	Binary		399
Or}	Text <Txt>	[1..*]	Text		399
	ActionDate <ActnDt>	[0..1]	Date		400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FileSecurityCode <FileSctyCd>	[0..1]	Text		400
	AdditionalFee <AddtlFee>	[0..*]	±		400
	AdditionalData <AddtlData>	[0..*]			400
	Type <Tp>	[0..1]	Text		401
	Value <Val>	[0..1]	Text		401
	Correction <Crrctn>	[0..1]			401
	Indicator <Ind>	[0..1]	Indicator		401
	Date <Dt>	[0..1]	Date		401
	Time <Tm>	[0..1]	Time		401
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		402
	ProcessingResult <PrpgRslt>	[0..1]			402
	Result <Rslt>	[0..1]	CodeSet		402
	OtherResult <OthrRslt>	[0..1]	Text		403
	ResultDetails <RsltDtls>	[1..1]	CodeSet		403
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		403
	ProtectedData <PrctcdData>	[0..*]	±		403
	SupplementaryData <SplmtryData>	[0..*]	±	C1	406

14.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the file action transaction.

Environment <Env> contains the following **Environment22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		376
	Originator <Orgtr>	[0..1]	±		376
	Sender <Sndr>	[0..1]	±		377
	Receiver <Rcvr>	[0..1]	±		378
	Acceptor <Accptr>	[0..1]	±		379
	Payer <Pyer>	[0..1]	±		381
	Payee <Pyee>	[0..1]	±		381
	Terminal <Termnl>	[0..1]	±		381
	Issuer <Issr>	[0..1]	±		382
	Card <Card>	[0..1]	±		383
	Destination <Dstn>	[0..1]	±		383
	CustomerDevice <CstmrDvc>	[0..1]	±		384
	Wallet <Wllt>	[0..1]	±		385
	Token <Tkn>	[0..1]			386
	PaymentToken <PmtTkn>	[0..1]	Text		387
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		387
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		388
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		388
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		388
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		388
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		388
	StorageLocation <StorgLctn>	[0..1]	CodeSet		388
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		389
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		389
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		389
	OriginalToken <OrgnlTkn>	[0..1]			389
	PaymentToken <PmtTkn>	[0..1]	Text		390
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		390
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		390
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		390
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		390
	AdditionalData <AddtlData>	[0..*]			390
	Type <Tp>	[0..1]	Text		391
	Value <Val>	[0..1]	Text		391
	Cardholder <Crdhldr>	[0..1]	±		391

14.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Identification of the Acquirer.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

14.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

14.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

14.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

14.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Acceptor of the payment instrument.

Acceptor <Acceptor> contains the following elements (see "PartyIdentification254" on page 1809 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1811
	Assigner <Assgnr>	[0..1]	Text		1811
	Country <Ctry>	[0..1]	CodeSet		1811
	ShortName <ShrtNm>	[0..1]	Text		1811
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1811
	AdditionalIdentification <AddtlId>	[0..1]	Text		1811
	NameAndLocation <NmAndLctn>	[0..1]	Text		1811
	Address <Adr>	[0..1]	±		1811
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1812
	GeographicLocation <GeogcLctn>	[0..1]	Text		1812
	Email <Email>	[0..1]	Text		1812
	URLAddress <URLAdr>	[0..1]	Text		1812
	PhoneNumber <PhneNb>	[0..1]	Text		1812
	CustomerService <CstmrSvc>	[0..1]	Text		1813
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1813
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1813
	AdditionalData <AddtlData>	[0..*]			1813
	Type <Tp>	[0..1]	Text		1813
	Value <Val>	[0..1]	Text		1813
	LocalData <LclData>	[0..1]			1813
	Language <Lang>	[1..1]	CodeSet		1814
	ShortName <ShrtNm>	[0..1]	Text		1814
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1814
	NameAndLocation <NmAndLctn>	[0..1]	Text		1814
	Address <Adr>	[0..1]	±		1814
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1815
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1815
	AdditionalData <AddtlData>	[0..*]			1815
	Type <Tp>	[0..1]	Text		1815
	Value <Val>	[0..1]	Text		1815

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1816

14.4.2.1.6 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

14.4.2.1.7 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

14.4.2.1.8 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal4" on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

14.4.2.1.9 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

14.4.2.1.10 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData8" on page 1390 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1391
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1391
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1392
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1392
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1392
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1392
	PANReferenceIdentifier <PANRefIdr>	[0..1]	Text		1392
	PANAccountRange <PANAcctRg>	[0..1]	Text		1392
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1393
	CardProductType <CardPdctTp>	[0..1]	Text		1393
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1393
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1393
	AdditionalCardData <AddtlCardData>	[0..*]			1393
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

14.4.2.1.11 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

14.4.2.1.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Details of the customer device.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

14.4.2.1.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

14.4.2.1.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following **Token3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		387
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		387
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		388
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		388
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		388
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		388
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		388
	StorageLocation <StorgLctn>	[0..1]	CodeSet		388
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		389
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		389
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		389
	OriginalToken <OrgnlTkn>	[0..1]			389
	PaymentToken <PmtTkn>	[0..1]	Text		390
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		390
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		390
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		390
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		390
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		390
	AdditionalData <AddtlData>	[0..*]			390
	Type <Tp>	[0..1]	Text		391
	Value <Val>	[0..1]	Text		391

14.4.2.1.14.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

14.4.2.1.14.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

14.4.2.1.14.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

14.4.2.1.14.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

14.4.2.1.14.5 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 2206

14.4.2.1.14.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

14.4.2.1.14.7 TokenInitiatedIndicator <TknInittIdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

14.4.2.1.14.8 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of the token.

Datatype: "StorageLocation1Code" on page 2186

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.
ISWL	IssuerWallet	Storage is in wallet managed by Issuer.
ONFL	OnFile	Storage is on file.
OTHN	OtherNational	Code defined by national standards organisation.
OTHP	OtherPrivate	Code defined by private agreement.

CodeName	Name	Definition
TPWL	ThirdPartyWallet	Storage location is in wallet managed by a third party.

14.4.2.1.14.9 OtherStorageLocation <OthrStorgLctn>*Presence:* [0..1]*Definition:* Other private or national storage location code.*Datatype:* "Max35Text" on page 2207**14.4.2.1.14.10 ProtectionMethod <PrctnMtd>***Presence:* [0..1]*Definition:* Method used to protect the token.*Datatype:* "ProtectionMethod1Code" on page 2179

CodeName	Name	Definition
OTHN	OtherNational	Other code assigned by national organisation.
OTHP	OtherPrivate	Other privately assigned code.
SELM	SecureElement	Secure element method.
SNCL	SecureEnclave	Secure enclave method.
SOFT	Software	Software protection method.
TEEN	TrustedExecutionEnvironment	Trusted execution environment method.

14.4.2.1.14.11 OtherProtectionMethod <OthrPrctnMtd>*Presence:* [0..1]*Definition:* Other national or private protection method code.*Datatype:* "Max35Text" on page 2207**14.4.2.1.14.12 OriginalToken <OrgnlTkn>***Presence:* [0..1]*Definition:* Original token.**OriginalToken <OrgnlTkn>** contains the following **Token4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		390
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		390
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		390
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		390
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		390
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		390

14.4.2.1.14.12.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

14.4.2.1.14.12.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

14.4.2.1.14.12.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

14.4.2.1.14.12.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

14.4.2.1.14.12.5 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 2206

14.4.2.1.14.12.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

14.4.2.1.14.13 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional token data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		391
	Value <Val>	[0..1]	Text		391

14.4.2.1.14.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

14.4.2.1.14.13.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

14.4.2.1.15 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

14.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			392
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		392
	Jurisdiction <Jursdctn>	[0..1]			393
	DomesticIndicator <DmstInd>	[0..1]	Indicator		393
	DomesticQualification <DmstQlfctn>	[0..1]	Text		393
	SettlementService <SttlmSvc>	[0..1]	±		393
	Reconciliation <Rcncltn>	[0..1]	±		394
	AdditionalData <AddtlData>	[0..*]			394
	Type <Tp>	[0..1]	Text		395
	Value <Val>	[0..1]	Text		395

14.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		392
	Jurisdiction <Jursdctn>	[0..1]			393
	DomesticIndicator <DmstInd>	[0..1]	Indicator		393
	DomesticQualification <DmstQlfctn>	[0..1]	Text		393
	SettlementService <SttlmSvc>	[0..1]	±		393
	Reconciliation <Rcncltn>	[0..1]	±		394
	AdditionalData <AddtlData>	[0..*]			394
	Type <Tp>	[0..1]	Text		395
	Value <Val>	[0..1]	Text		395

14.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

14.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		393
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		393

14.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

14.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

14.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

14.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

14.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		395
	Value <Val>	[0..1]	Text		395

14.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

14.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

14.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: File action transaction details.

Transaction <Tx> contains the following **Transaction157** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		396
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		396
	TransactionIdentification <TxId>	[0..1]	±		397
	FileActionScope <FileActnScp>	[0..1]	CodeSet		397
	FileActionType <FileActnTp>	[0..1]	CodeSet		397
	OtherFileActionType <OthrFileActnTp>	[0..1]	Text		398
	FileActionDetails <FileActnDtls>	[1..1]			398
	FileName <FileNm>	[0..1]	Text		398
	Format <Frmt>	[0..1]	CodeSet		398
	DataRecord <DataRcrd>	[1..1]			399
{Or	Binary <Binry>	[1..*]	Binary		399
Or}	Text <Txt>	[1..*]	Text		399
	ActionDate <ActnDt>	[0..1]	Date		400
	FileSecurityCode <FileSctyCd>	[0..1]	Text		400
	AdditionalFee <AddtlFee>	[0..*]	±		400
	AdditionalData <AddtlData>	[0..*]			400
	Type <Tp>	[0..1]	Text		401
	Value <Val>	[0..1]	Text		401
	Correction <Crrctn>	[0..1]			401
	Indicator <Ind>	[0..1]	Indicator		401
	Date <Dt>	[0..1]	Date		401
	Time <Tm>	[0..1]	Time		401
	ContinuationIndicator <ConttnInd>	[0..1]	Indicator		402

14.4.2.3.1 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

14.4.2.3.2 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

14.4.2.3.3 TransactionIdentification <TxId>

Presence: [0..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmsnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification </d>	[1..1]	Text		1928

14.4.2.3.4 FileActionScope <FileActnScp>

Presence: [0..1]

Definition: Scope of file action.

Datatype: "FileActionScope1Code" on page 2147

CodeName	Name	Definition
FILE	File	Action applies to a file
RECD	Record	Action applies to a record

14.4.2.3.5 FileActionType <FileActnTp>

Presence: [0..1]

Definition: Type of file action.

ISO 8583:87 bit 91

Datatype: "FileActionType2Code" on page 2148

CodeName	Name	Definition
ADDD	Add	Add a new record or file.
BRPT	BulkReplacement	Replacing previously added records.
DELT	Delete	Delete an existing record or file.
DLSP	DeleteRecordSystemPurge	System purge.
ENQR	Enquire	Request the content of an existing record or file.
OTHN	OtherNational	Other type of file action defined at national level.

CodeName	Name	Definition
OTHP	OtherPrivate	Other type of file action defined at private level.
REPL	Replace	Add a new record or file if none exists or replace an existing record or file if one exists.
REQU	Request	Request for a file or record.
UPDT	Update	Update an existing record or file.

14.4.2.3.6 OtherFileActionType <OthrFileActnTp>

Presence: [0..1]

Definition: Other file action type in free text.

Datatype: "Max35Text" on page 2207

14.4.2.3.7 FileActionDetails <FileActnDtls>

Presence: [1..1]

Definition: Details pertaining to the file action.

FileActionDetails <FileActnDtls> contains the following **FileActionDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FileName <FileNm>	[0..1]	Text		398
	Format <Frmt>	[0..1]	CodeSet		398
	DataRecord <DataRcrd>	[1..1]			399
{Or	Binary <Binrry>	[1..*]	Binary		399
Or}	Text <Txt>	[1..*]	Text		399
	ActionDate <ActnDt>	[0..1]	Date		400
	FileSecurityCode <FileSctyCd>	[0..1]	Text		400

14.4.2.3.7.1 FileName <FileNm>

Presence: [0..1]

Definition: Identification of the file.

ISO 8583 bit 101

Datatype: "Max140Text" on page 2203

14.4.2.3.7.2 Format <Frmt>

Presence: [0..1]

Definition: File format code.

Datatype: "OutputFormat5Code" on page 2169

CodeName	Name	Definition
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.
PLIN	PrintLine	A formatted print line.
JSON	JSON	Java Syntax Object Notation format.
XMLF	XML	eXtensible Markup Language format.
EDIF	EDIFACT	Electronic data interchange for administration, commerce and transport.
CSVF	CSV	Comma separated value format.
JPEG	JPEG	Joint Photographic Experts Group format.
PDFF	PDF	Portable Document Format.
PNGF	PNG	Portable Network Graphics format.
SVGF	SVG	Scalable vector graphic format.

14.4.2.3.7.3 DataRecord <DataRcd>

Presence: [1..1]

Definition: Content of record to be added, updated, deleted or replaced.

ISO 8583:93/2003 bit 72

DataRecord <DataRcd> contains one of the following **DataRecord1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Binary <Binry>	[1..*]	Binary		399
Or}	Text <Txt>	[1..*]	Text		399

14.4.2.3.7.3.1 Binary <Binry>

Presence: [1..*]

Definition: Contains the data record in Binary format.

Datatype: "Max20MbBinary" on page 2110

14.4.2.3.7.3.2 Text <Txt>

Presence: [1..*]

Definition: Contains the data record in Text format.

Datatype: "Max10MbText" on page 2202

14.4.2.3.7.4 ActionDate <ActnDt>

Presence: [0..1]

Definition: Date when the file action should be performed.

ISO 8583 bit 73.

Datatype: "ISODate" on page 2196

14.4.2.3.7.5 FileSecurityCode <FileSctyCd>

Presence: [0..1]

Definition: Indicates that the originator of the message is authorised to update the file.

ISO 8583:87 bit 92

Datatype: "Max35Text" on page 2207

14.4.2.3.8 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

14.4.2.3.9 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		401
	Value <Val>	[0..1]	Text		401

14.4.2.3.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

14.4.2.3.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

14.4.2.3.10 Correction <Crrctn>

Presence: [0..1]

Definition: Identifies that this batch or collection is a corrected version of a batch or collection that was previously sent.

Correction <Crrctn> contains the following **CorrectionIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Indicator <Ind>	[0..1]	Indicator		401
	Date <Dt>	[0..1]	Date		401
	Time <Tm>	[0..1]	Time		401

14.4.2.3.10.1 Indicator <Ind>

Presence: [0..1]

Definition: Indicates the message contains an updated version of a message that was previously sent.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

14.4.2.3.10.2 Date <Dt>

Presence: [0..1]

Definition: Contains the date of the update.

Datatype: "ISODate" on page 2196

14.4.2.3.10.3 Time <Tm>

Presence: [0..1]

Definition: Contains the time of the update.

Datatype: "ISOTime" on page 2211

14.4.2.3.11 ContinuationIndicator <ConttnInd>

Presence: [0..1]

Definition: Indicates that batch or collection is not complete.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

14.4.2.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Results of the file action processing.

ProcessingResult <PrcgRslt> contains the following **ResultData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		402
	OtherResult <OthrRslt>	[0..1]	Text		403
	ResultDetails <RsltDtls>	[1..1]	CodeSet		403
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		403

14.4.2.4.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

Datatype: "FileActionResult1Code" on page 2147

CodeName	Name	Definition
DUPR	DuplicateRecord	Identified record is already present in the file.
FERD	FieldEditError	Invalid record field syntax.
INFD	FieldValueInvalid	Invalid field value in record.
FLCK	FileLocked	File is locked and cannot be modified.
FTER	FormatError	Invalid record format.
NSUP	NotSupported	Requested file action not supported.
OTHR	Other	Other type of file action result
SUCC	Successful	Action performed successfully
UTLR	UnableToLocateRecord	Identified record was not found.
UNKF	UnknownFile	File is unknown.
USUC	Unsuccessful	Action could not be performed.

14.4.2.4.2 OtherResult <OthrRsIt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

14.4.2.4.3 ResultDetails <RsItDtIs>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

14.4.2.4.4 OtherResultDetails <OthrRsItDtIs>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

14.4.2.5 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

14.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

14.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

15 **cafm.002.001.02**

FileActionResponseV02

15.1 **MessageDefinition Functionality**

A FileActionResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a FileActionInitiation message.

Outline

The FileActionResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the response to of a file action.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

15.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FileActnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		411
	Body <Body>	[1..1]			412
	Environment <Envt>	[1..1]			415
	Acquirer <Acqrr>	[0..1]	±		417
	Originator <Orgtr>	[0..1]	±		417
	Sender <Sndr>	[0..1]	±		418
	Receiver <Rcvr>	[0..1]	±		419
	Acceptor <Accptr>	[0..1]	±		420
	Payer <Pyer>	[0..1]	±		422
	Payee <Pyee>	[0..1]	±		422
	Terminal <Termnl>	[0..1]	±		422
	Issuer <Issr>	[0..1]	±		423
	Card <Card>	[0..1]	±		424
	Destination <Dstn>	[0..1]	±		424
	CustomerDevice <CstmrDvc>	[0..1]	±		425
	Wallet <Wlt>	[0..1]	±		426
	Token <Tkn>	[0..1]			427
	PaymentToken <PmtTkn>	[0..1]	Text		428
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		428
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		429
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		429
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		429
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		429
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		429
	StorageLocation <StorgLctn>	[0..1]	CodeSet		429
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		430
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		430
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		430
	OriginalToken <OrgnlTkn>	[0..1]			430

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		431
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		431
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		431
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		431
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		431
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		431
	AdditionalData <AddtlData>	[0..*]			431
	Type <Tp>	[0..1]	Text		432
	Value <Val>	[0..1]	Text		432
	Cardholder <Crhdldr>	[0..1]	±		432
	Context <Cntxt>	[0..1]			432
	TransactionContext <TxCntxt>	[0..1]			433
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		433
	Jurisdiction <Jursdctn>	[0..1]			434
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		434
	DomesticQualification <DmstQlfctn>	[0..1]	Text		434
	SettlementService <SttlmSvc>	[0..1]	±		434
	Reconciliation <Rcncltn>	[0..1]	±		435
	AdditionalData <AddtlData>	[0..*]			435
	Type <Tp>	[0..1]	Text		436
	Value <Val>	[0..1]	Text		436
	Transaction <Tx>	[1..1]			436
	TransactionIdentification <Txld>	[0..1]	±		437
	AdditionalFee <AddtlFee>	[0..*]	±		437
	AdditionalData <AddtlData>	[0..*]			437
	Type <Tp>	[0..1]	Text		438
	Value <Val>	[0..1]	Text		438
	FileActionDetails <FileActnDtls>	[1..1]			438
	FileName <FileNm>	[0..1]	Text		438
	Format <Frmt>	[0..1]	CodeSet		438
	DataRecord <DataRcrd>	[1..1]			439

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Binary <Binry>	[1..*]	Binary		439
Or}	Text <Txt>	[1..*]	Text		439
	ActionDate <ActnDt>	[0..1]	Date		440
	FileSecurityCode <FileSctyCd>	[0..1]	Text		440
	ProcessingResult <PrpgRslt>	[1..1]			440
	Result <Rslt>	[0..1]	CodeSet		440
	OtherResult <OthrRslt>	[0..1]	Text		441
	ResultDetails <RsltDtls>	[1..1]	CodeSet		441
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		441
	ProtectedData <PrtctdData>	[0..*]	±		441
	SupplementaryData <SplmtryData>	[0..*]	±	C1	444
	SecurityTrailer <SctyTrlr>	[0..1]	±		444

15.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

15.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

15.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

15.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the response to of a file action.

Body <Body> contains the following **FileActionResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			415
	Acquirer <Acqrr>	[0..1]	±		417
	Originator <Orgtr>	[0..1]	±		417
	Sender <Sndr>	[0..1]	±		418
	Receiver <Rcvr>	[0..1]	±		419
	Acceptor <Acptr>	[0..1]	±		420
	Payer <Pyer>	[0..1]	±		422
	Payee <Pyee>	[0..1]	±		422
	Terminal <Termnl>	[0..1]	±		422
	Issuer <Issr>	[0..1]	±		423
	Card <Card>	[0..1]	±		424
	Destination <Dstn>	[0..1]	±		424
	CustomerDevice <CstmrDvc>	[0..1]	±		425
	Wallet <Wlt>	[0..1]	±		426
	Token <Tkn>	[0..1]			427
	PaymentToken <PmtTkn>	[0..1]	Text		428
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		428
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		429
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		429
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		429
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		429
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		429
	StorageLocation <StorgLctn>	[0..1]	CodeSet		429
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		430
	ProtectionMethod <PrtnMtd>	[0..1]	CodeSet		430
	OtherProtectionMethod <OthrPrtnMtd>	[0..1]	Text		430
	OriginalToken <OrgnlTkn>	[0..1]			430
	PaymentToken <PmtTkn>	[0..1]	Text		431
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		431
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		431
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		431

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		431
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		431
	AdditionalData <AddtlData>	[0..*]			431
	Type <Tp>	[0..1]	Text		432
	Value <Val>	[0..1]	Text		432
	Cardholder <Crdhldr>	[0..1]	±		432
	Context <Cntxt>	[0..1]			432
	TransactionContext <TxCntxt>	[0..1]			433
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		433
	Jurisdiction <Jursdctn>	[0..1]			434
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		434
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		434
	SettlementService <SttlmSvc>	[0..1]	±		434
	Reconciliation <Rcncltn>	[0..1]	±		435
	AdditionalData <AddtlData>	[0..*]			435
	Type <Tp>	[0..1]	Text		436
	Value <Val>	[0..1]	Text		436
	Transaction <Tx>	[1..1]			436
	TransactionIdentification <TxId>	[0..1]	±		437
	AdditionalFee <AddtlFee>	[0..*]	±		437
	AdditionalData <AddtlData>	[0..*]			437
	Type <Tp>	[0..1]	Text		438
	Value <Val>	[0..1]	Text		438
	FileActionDetails <FileActnDtls>	[1..1]			438
	FileName <FileNm>	[0..1]	Text		438
	Format <Frmt>	[0..1]	CodeSet		438
	DataRecord <DataRcrd>	[1..1]			439
{Or	Binary <Binry>	[1..*]	Binary		439
Or}	Text <Txt>	[1..*]	Text		439
	ActionDate <ActnDt>	[0..1]	Date		440
	FileSecurityCode <FileSctyCd>	[0..1]	Text		440

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProcessingResult <PrcgRslt>	[1..1]			440
	Result <Rslt>	[0..1]	CodeSet		440
	OtherResult <OthrRslt>	[0..1]	Text		441
	ResultDetails <RsltDtls>	[1..1]	CodeSet		441
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		441
	ProtectedData <PrtctdData>	[0..*]	±		441
	SupplementaryData <SplmtryData>	[0..*]	±	C1	444

15.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the file action transaction.

Environment <Env> contains the following **Environment22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		417
	Originator <Orgtr>	[0..1]	±		417
	Sender <Sndr>	[0..1]	±		418
	Receiver <Rcvr>	[0..1]	±		419
	Acceptor <Accptr>	[0..1]	±		420
	Payer <Pyrr>	[0..1]	±		422
	Payee <Pyee>	[0..1]	±		422
	Terminal <Termnl>	[0..1]	±		422
	Issuer <Issr>	[0..1]	±		423
	Card <Card>	[0..1]	±		424
	Destination <Dstrn>	[0..1]	±		424
	CustomerDevice <CstrmrDvc>	[0..1]	±		425
	Wallet <Wllt>	[0..1]	±		426
	Token <Tkn>	[0..1]			427
	PaymentToken <PmtTkn>	[0..1]	Text		428
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		428
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		429
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		429
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		429
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		429
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		429
	StorageLocation <StorgLctn>	[0..1]	CodeSet		429
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		430
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		430
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		430
	OriginalToken <OrgnlTkn>	[0..1]			430
	PaymentToken <PmtTkn>	[0..1]	Text		431
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		431
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		431
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		431
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		431

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		431
	AdditionalData <AddtlData>	[0..*]			431
	Type <Tp>	[0..1]	Text		432
	Value <Val>	[0..1]	Text		432
	Cardholder <Crdhldr>	[0..1]	±		432

15.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Identification of the Acquirer.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

15.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

15.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

15.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

15.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Acceptor of the payment instrument.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification254" on page 1809 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1811
	Assigner <Assgnr>	[0..1]	Text		1811
	Country <Ctry>	[0..1]	CodeSet		1811
	ShortName <ShrtNm>	[0..1]	Text		1811
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1811
	AdditionalIdentification <AddtlId>	[0..1]	Text		1811
	NameAndLocation <NmAndLctn>	[0..1]	Text		1811
	Address <Adr>	[0..1]	±		1811
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1812
	GeographicLocation <GeogcLctn>	[0..1]	Text		1812
	Email <Email>	[0..1]	Text		1812
	URLAddress <URLAdr>	[0..1]	Text		1812
	PhoneNumber <PhneNb>	[0..1]	Text		1812
	CustomerService <CstmrSvc>	[0..1]	Text		1813
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1813
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1813
	AdditionalData <AddtlData>	[0..*]			1813
	Type <Tp>	[0..1]	Text		1813
	Value <Val>	[0..1]	Text		1813
	LocalData <LclData>	[0..1]			1813
	Language <Lang>	[1..1]	CodeSet		1814
	ShortName <ShrtNm>	[0..1]	Text		1814
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1814
	NameAndLocation <NmAndLctn>	[0..1]	Text		1814
	Address <Adr>	[0..1]	±		1814
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1815
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1815
	AdditionalData <AddtlData>	[0..*]			1815
	Type <Tp>	[0..1]	Text		1815
	Value <Val>	[0..1]	Text		1815

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1816

15.4.2.1.6 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

15.4.2.1.7 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

15.4.2.1.8 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal4" on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

15.4.2.1.9 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

15.4.2.1.10 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData8" on page 1390 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1391
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1391
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1392
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1392
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1392
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1392
	PANReferenceIdentifier <PANRefIdr>	[0..1]	Text		1392
	PANAccountRange <PANAcctRg>	[0..1]	Text		1392
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1393
	CardProductType <CardPdctTp>	[0..1]	Text		1393
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1393
	CardPortfolioIdentifier <CardPrflIdr>	[0..1]	Text		1393
	AdditionalCardData <AddtlCardData>	[0..*]			1393
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

15.4.2.1.11 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

15.4.2.1.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Details of the customer device.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

15.4.2.1.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

15.4.2.1.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following **Token3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		428
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		428
	TokenRequestorIdentification <TknRqstrId>	[0..1]	Text		429
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		429
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		429
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		429
	TokenInitiatedIndicator <TknInittIdInd>	[0..1]	Indicator		429
	StorageLocation <StorgLctn>	[0..1]	CodeSet		429
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		430
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		430
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		430
	OriginalToken <OrgnlTkn>	[0..1]			430
	PaymentToken <PmtTkn>	[0..1]	Text		431
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		431
	TokenRequestorIdentification <TknRqstrId>	[0..1]	Text		431
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		431
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		431
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		431
	AdditionalData <AddtlData>	[0..*]			431
	Type <Tp>	[0..1]	Text		432
	Value <Val>	[0..1]	Text		432

15.4.2.1.14.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

15.4.2.1.14.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

15.4.2.1.14.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

15.4.2.1.14.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

15.4.2.1.14.5 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 2206

15.4.2.1.14.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

15.4.2.1.14.7 TokenInitiatedIndicator <TknInittIdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

15.4.2.1.14.8 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of the token.

Datatype: "StorageLocation1Code" on page 2186

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.
ISWL	IssuerWallet	Storage is in wallet managed by Issuer.
ONFL	OnFile	Storage is on file.
OTHN	OtherNational	Code defined by national standards organisation.
OTHP	OtherPrivate	Code defined by private agreement.

CodeName	Name	Definition
TPWL	ThirdPartyWallet	Storage location is in wallet managed by a third party.

15.4.2.1.14.9 OtherStorageLocation <OthrStorgLctn>

Presence: [0..1]

Definition: Other private or national storage location code.

Datatype: "Max35Text" on page 2207

15.4.2.1.14.10 ProtectionMethod <PrctnMtd>

Presence: [0..1]

Definition: Method used to protect the token.

Datatype: "ProtectionMethod1Code" on page 2179

CodeName	Name	Definition
OTHN	OtherNational	Other code assigned by national organisation.
OTHP	OtherPrivate	Other privately assigned code.
SELM	SecureElement	Secure element method.
SNCL	SecureEnclave	Secure enclave method.
SOFT	Software	Software protection method.
TEEN	TrustedExecutionEnvironment	Trusted execution environment method.

15.4.2.1.14.11 OtherProtectionMethod <OthrPrctnMtd>

Presence: [0..1]

Definition: Other national or private protection method code.

Datatype: "Max35Text" on page 2207

15.4.2.1.14.12 OriginalToken <OrgnlTkn>

Presence: [0..1]

Definition: Original token.

OriginalToken <OrgnlTkn> contains the following **Token4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		431
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		431
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		431
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		431
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		431
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		431

15.4.2.1.14.12.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

15.4.2.1.14.12.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

15.4.2.1.14.12.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

15.4.2.1.14.12.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

15.4.2.1.14.12.5 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 2206

15.4.2.1.14.12.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

15.4.2.1.14.13 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional token data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		432
	Value <Val>	[0..1]	Text		432

15.4.2.1.14.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

15.4.2.1.14.13.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

15.4.2.1.15 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

15.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			433
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		433
	Jurisdiction <Jursdctn>	[0..1]			434
	DomesticIndicator <DmstInd>	[0..1]	Indicator		434
	DomesticQualification <DmstQlfctn>	[0..1]	Text		434
	SettlementService <SttlmSvc>	[0..1]	±		434
	Reconciliation <Rcncltn>	[0..1]	±		435
	AdditionalData <AddtlData>	[0..*]			435
	Type <Tp>	[0..1]	Text		436
	Value <Val>	[0..1]	Text		436

15.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		433
	Jurisdiction <Jursdctn>	[0..1]			434
	DomesticIndicator <DmstInd>	[0..1]	Indicator		434
	DomesticQualification <DmstQlfctn>	[0..1]	Text		434
	SettlementService <SttlmSvc>	[0..1]	±		434
	Reconciliation <Rcncltn>	[0..1]	±		435
	AdditionalData <AddtlData>	[0..*]			435
	Type <Tp>	[0..1]	Text		436
	Value <Val>	[0..1]	Text		436

15.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

15.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		434
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		434

15.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

15.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

15.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

15.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

15.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		436
	Value <Val>	[0..1]	Text		436

15.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

15.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

15.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: File action transaction details.

Transaction <Tx> contains the following **Transaction158** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionIdentification <TxId>	[0..1]	±		437
	AdditionalFee <AddtlFee>	[0..*]	±		437
	AdditionalData <AddtlData>	[0..*]			437
	Type <Tp>	[0..1]	Text		438
	Value <Val>	[0..1]	Text		438
	FileActionDetails <FileActnDtls>	[1..1]			438
	FileName <FileNm>	[0..1]	Text		438
	Format <Frmt>	[0..1]	CodeSet		438
	DataRecord <DataRcrd>	[1..1]			439
{Or	Binary <Binry>	[1..*]	Binary		439
Or}	Text <Txt>	[1..*]	Text		439
	ActionDate <ActnDt>	[0..1]	Date		440
	FileSecurityCode <FileSctyCd>	[0..1]	Text		440

15.4.2.3.1 TransactionIdentification <TxId>*Presence:* [0..1]*Definition:* Identification of the transaction.**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification12](#)" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

15.4.2.3.2 AdditionalFee <AddtlFee>*Presence:* [0..*]*Definition:* Fees not included in the transaction amount.**AdditionalFee <AddtlFee>** contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

15.4.2.3.3 AdditionalData <AddtlData>*Presence:* [0..*]*Definition:* Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		438
	Value <Val>	[0..1]	Text		438

15.4.2.3.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

15.4.2.3.3.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

15.4.2.3.4 FileActionDetails <FileActnDtls>

Presence: [1..1]

Definition: Details pertaining to the file action.

FileActionDetails <FileActnDtls> contains the following **FileActionDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FileName <FileNm>	[0..1]	Text		438
	Format <Frmt>	[0..1]	CodeSet		438
	DataRecord <DataRcrd>	[1..1]			439
{Or	Binary <Binry>	[1..*]	Binary		439
Or}	Text <Txt>	[1..*]	Text		439
	ActionDate <ActnDt>	[0..1]	Date		440
	FileSecurityCode <FileSctyCd>	[0..1]	Text		440

15.4.2.3.4.1 FileName <FileNm>

Presence: [0..1]

Definition: Identification of the file.

ISO 8583 bit 101

Datatype: "Max140Text" on page 2203

15.4.2.3.4.2 Format <Frmt>

Presence: [0..1]

Definition: File format code.

Datatype: "OutputFormat5Code" on page 2169

CodeName	Name	Definition
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.
PLIN	PrintLine	A formatted print line.
JSON	JSON	Java Syntax Object Notation format.
XMLF	XML	eXtensible Markup Language format.
EDIF	EDIFACT	Electronic data interchange for administration, commerce and transport.
CSVF	CSV	Comma separated value format.
JPEG	JPEG	Joint Photographic Experts Group format.
PDFF	PDF	Portable Document Format.
PNGF	PNG	Portable Network Graphics format.
SVGF	SVG	Scalable vector graphic format.

15.4.2.3.4.3 DataRecord <DataRcrd>

Presence: [1..1]

Definition: Content of record to be added, updated, deleted or replaced.

ISO 8583:93/2003 bit 72

DataRecord <DataRcrd> contains one of the following **DataRecord1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Binary <Binry>	[1..*]	Binary		439
Or}	Text <Txt>	[1..*]	Text		439

15.4.2.3.4.3.1 Binary <Binry>

Presence: [1..*]

Definition: Contains the data record in Binary format.

Datatype: "Max20MbBinary" on page 2110

15.4.2.3.4.3.2 Text <Txt>

Presence: [1..*]

Definition: Contains the data record in Text format.

Datatype: "Max10MbText" on page 2202

15.4.2.3.4.4 ActionDate <ActnDt>

Presence: [0..1]

Definition: Date when the file action should be performed.

ISO 8583 bit 73.

Datatype: "ISODate" on page 2196

15.4.2.3.4.5 FileSecurityCode <FileSctyCd>

Presence: [0..1]

Definition: Indicates that the originator of the message is authorised to update the file.

ISO 8583:87 bit 92

Datatype: "Max35Text" on page 2207

15.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Results of the file action processing.

ProcessingResult <PrcgRslt> contains the following **ResultData9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		440
	OtherResult <OthrRslt>	[0..1]	Text		441
	ResultDetails <RsltDtls>	[1..1]	CodeSet		441
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		441

15.4.2.4.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

Datatype: "FileActionResult1Code" on page 2147

CodeName	Name	Definition
DUPR	DuplicateRecord	Identified record is already present in the file.
FERD	FieldEditError	Invalid record field syntax.
INFD	FieldValueInvalid	Invalid field value in record.
FLCK	FileLocked	File is locked and cannot be modified.
FTER	FormatError	Invalid record format.
NSUP	NotSupported	Requested file action not supported.

CodeName	Name	Definition
OTHR	Other	Other type of file action result
SUCC	Successful	Action performed successfully
UTLR	UnableToLocateRecord	Identified record was not found.
UNKF	UnknownFile	File is unknown.
USUC	Unsuccessful	Action could not be performed.

15.4.2.4.2 OtherResult <OthrRslt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

15.4.2.4.3 ResultDetails <RsltDtls>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

15.4.2.4.4 OtherResultDetails <OthrRsltDtls>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

15.4.2.5 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

15.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

16 cafr.001.001.02 FraudReportingInitiationV02

16.1 MessageDefinition Functionality

A FraudReportingInitiation message is usually sent by a financial institution acting as an acquirer or as an issuer to an agent (processor, agent) to inform about a confirmed fraudulent transaction.

Outline

The FraudReportingInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the initiation of the fraud reporting.

C. SecurityTrailer

Trailer of the message containing a MAC.

16.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FrdRptgInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		449
	Body <Body>	[1..1]			450
	Environment <Envt>	[1..1]			453
	Acquirer <Acqrr>	[0..1]	±		453
	Originator <Orgtr>	[0..1]	±		454
	Sender <Sndr>	[0..1]	±		455
	Receiver <Rcvr>	[0..1]	±		456
	Destination <Dstn>	[0..1]	±		457
	Issuer <Issr>	[0..1]	±		458
	Card <Card>	[0..1]	±		459
	Token <Tkn>	[0..1]	±		460
	Cardholder <Crdhdr>	[0..1]	±		461
	Context <Cntxt>	[0..1]			462
	TransactionContext <TxCntxt>	[0..1]			463
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		463
	Jurisdiction <Jursdctn>	[0..1]			464
	DomesticIndicator <DmstInd>	[0..1]	Indicator		464
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		464
	SettlementService <SttlmSvc>	[0..1]	±		464
	Reconciliation <Rcncltn>	[0..1]	±		465
	AdditionalData <AddtlData>	[0..*]			465
	Type <Tp>	[0..1]	Text		466
	Value <Val>	[0..1]	Text		466
	Transaction <Tx>	[1..1]			466
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		468
	ReportedFraud <RptdFrd>	[1..1]	±		468
	FraudulentTransactionData <FrdIntTxData>	[1..1]			469
	AuthorisationStatus <AuthstnSts>	[0..1]			470
	AuthorisationIndicator <AuthstnInd>	[0..1]	Indicator		470

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationEntity <AuthstnNtty>	[0..1]	CodeSet		470
	OtherAuthorisationEntity <OthrAuthstnNtty>	[0..1]	Text		471
	DisputeDetails <DsptDtls>	[0..1]			471
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		471
	DisputeCondition <DsptCond>	[0..1]	Text		471
	DisputeReference <DsptRef>	[0..*]	±		472
	MessageReason <MsgRsn>	[0..*]	CodeSet		472
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		472
	FraudulentMessage <FrdIntMsg>	[0..1]	Binary		472
	CardNotReceivedDetails <CardNotRcvdDtls>	[0..1]			472
	DateOfCardMailed <DtOfCardMld>	[1..1]	Date		473
	MailingAddress <MIngAdr>	[0..1]	±		473
	MailingAddressUnstructured <MIngAdrUstrd>	[0..1]	Text		474
	MailedFromPostalCode <MldFrPstlCd>	[1..1]	Text		474
	ValidFrom <VldFr>	[0..1]	Date		474
	CardSecurityCodeIndicator <CardSctyCdInd>	[0..1]	Indicator		474
	CardSecurityCapability <CardSctyCpblty>	[0..*]			474
	Capability <Cpblty>	[1..1]	CodeSet		474
	OtherCapability <OthrCpblty>	[0..1]	Text		475
	CardholderName <CrdhldrNm>	[0..1]	±		475
	AdditionalFee <AddtlFee>	[0..*]	±		475
	AdditionalInformation <AddtlInf>	[0..*]	±		476
	AdditionalData <AddtlData>	[0..*]			476
	Type <Tp>	[0..1]	Text		477
	Value <Val>	[0..1]	Text		477
	LocalData <LclData>	[0..1]			477
	Language <Lang>	[1..1]	CodeSet		477
	MailingAddress <MIngAdr>	[0..1]	±		477
	MailingAddressUnstructured <MIngAdrUstrd>	[0..1]	Text		478
	MailedFromPostalCode <MldFrPstlCd>	[0..1]	Text		478
	CardholderName <CrdhldrNm>	[0..1]	±		478

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalInformation <AddtlInf>	[0..*]	±		478
	AdditionalData <AddtlData>	[0..*]			479
	Type <Tp>	[0..1]	Text		479
	Value <Val>	[0..1]	Text		479
	ProtectedData <PrctcdData>	[0..*]	±		479
	SupplementaryData <SplmtryData>	[0..*]	±	C1	482
	SecurityTrailer <SctyTrlr>	[0..1]	±		482

16.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

16.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

16.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

16.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of the fraud reporting.

Body <Body> contains the following FraudReportingInitiation2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			453
	Acquirer <Acqrr>	[0..1]	±		453
	Originator <Orgtr>	[0..1]	±		454
	Sender <Sndr>	[0..1]	±		455
	Receiver <Rcvr>	[0..1]	±		456
	Destination <Dstn>	[0..1]	±		457
	Issuer <Issr>	[0..1]	±		458
	Card <Card>	[0..1]	±		459
	Token <Tkn>	[0..1]	±		460
	Cardholder <Crhdldr>	[0..1]	±		461
	Context <Cntxt>	[0..1]			462
	TransactionContext <TxCntxt>	[0..1]			463
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		463
	Jurisdiction <Jursdctn>	[0..1]			464
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		464
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		464
	SettlementService <SttlmSvc>	[0..1]	±		464
	Reconciliation <Rcncltn>	[0..1]	±		465
	AdditionalData <AddtlData>	[0..*]			465
	Type <Tp>	[0..1]	Text		466
	Value <Val>	[0..1]	Text		466
	Transaction <Tx>	[1..1]			466
	FraudTransactionIdentification <FrdTxld>	[1..1]	Text		468
	ReportedFraud <RptdFrd>	[1..1]	±		468
	FraudulentTransactionData <FrdlntTxData>	[1..1]			469
	AuthorisationStatus <AuthstnSts>	[0..1]			470
	AuthorisationIndicator <AuthstnInd>	[0..1]	Indicator		470
	AuthorisationEntity <AuthstnNtty>	[0..1]	CodeSet		470
	OtherAuthorisationEntity <OthrAuthstnNtty>	[0..1]	Text		471
	DisputeDetails <DsptDtls>	[0..1]			471
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		471

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisputeCondition <DsptCond>	[0..1]	Text		471
	DisputeReference <DsptRef>	[0..*]	±		472
	MessageReason <MsgRsn>	[0..*]	CodeSet		472
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		472
	FraudulentMessage <FrdIntMsg>	[0..1]	Binary		472
	CardNotReceivedDetails <CardNotRcvdDtls>	[0..1]			472
	DateOfCardMailed <DtOfCardMld>	[1..1]	Date		473
	MailingAddress <MIngAdr>	[0..1]	±		473
	MailingAddressUnstructured <MIngAdrUstrd>	[0..1]	Text		474
	MailedFromPostalCode <MldFrPstlCd>	[1..1]	Text		474
	ValidFrom <VldFr>	[0..1]	Date		474
	CardSecurityCodeIndicator <CardSctyCdInd>	[0..1]	Indicator		474
	CardSecurityCapability <CardSctyCpbilty>	[0..*]			474
	Capability <Cpbilty>	[1..1]	CodeSet		474
	OtherCapability <OthrCpbilty>	[0..1]	Text		475
	CardholderName <CrhdldrNm>	[0..1]	±		475
	AdditionalFee <AddtlFee>	[0..*]	±		475
	AdditionalInformation <AddtlInf>	[0..*]	±		476
	AdditionalData <AddtlData>	[0..*]			476
	Type <Tp>	[0..1]	Text		477
	Value <Val>	[0..1]	Text		477
	LocalData <LclData>	[0..1]			477
	Language <Lang>	[1..1]	CodeSet		477
	MailingAddress <MIngAdr>	[0..1]	±		477
	MailingAddressUnstructured <MIngAdrUstrd>	[0..1]	Text		478
	MailedFromPostalCode <MldFrPstlCd>	[0..1]	Text		478
	CardholderName <CrhdldrNm>	[0..1]	±		478
	AdditionalInformation <AddtlInf>	[0..*]	±		478
	AdditionalData <AddtlData>	[0..*]			479
	Type <Tp>	[0..1]	Text		479
	Value <Val>	[0..1]	Text		479

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedData <PrtctdData>	[0..*]	±		479
	SupplementaryData <SplmtryData>	[0..*]	±	C1	482

16.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		453
	Originator <Orgtr>	[0..1]	±		454
	Sender <Sndr>	[0..1]	±		455
	Receiver <Rcvr>	[0..1]	±		456
	Destination <Dstn>	[0..1]	±		457
	Issuer <Issr>	[0..1]	±		458
	Card <Card>	[0..1]	±		459
	Token <Tkn>	[0..1]	±		460
	Cardholder <Crdhldr>	[0..1]	±		461

16.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Party in contract with an acceptor to acquire card payment transactions.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

16.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

16.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

16.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

16.4.2.1.5 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

16.4.2.1.6 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

16.4.2.1.7 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData8" on page 1390 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1391
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1391
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1392
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1392
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1392
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1392
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1392
	PANAccountRange <PANAcctRg>	[0..1]	Text		1392
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1393
	CardProductType <CardPdctTp>	[0..1]	Text		1393
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1393
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1393
	AdditionalCardData <AddtlCardData>	[0..*]			1393
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

16.4.2.1.8 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

16.4.2.1.9 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

16.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			463
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		463
	Jurisdiction <Jursdctn>	[0..1]			464
	DomesticIndicator <DmstInd>	[0..1]	Indicator		464
	DomesticQualification <DmstQlfctn>	[0..1]	Text		464
	SettlementService <SttlmSvc>	[0..1]	±		464
	Reconciliation <Rcncltn>	[0..1]	±		465
	AdditionalData <AddtlData>	[0..*]			465
	Type <Tp>	[0..1]	Text		466
	Value <Val>	[0..1]	Text		466

16.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		463
	Jurisdiction <Jursdctn>	[0..1]			464
	DomesticIndicator <DmstInd>	[0..1]	Indicator		464
	DomesticQualification <DmstQlfctn>	[0..1]	Text		464
	SettlementService <SttlmSvc>	[0..1]	±		464
	Reconciliation <Rcncltn>	[0..1]	±		465
	AdditionalData <AddtlData>	[0..*]			465
	Type <Tp>	[0..1]	Text		466
	Value <Val>	[0..1]	Text		466

16.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

16.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		464
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		464

16.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

16.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

16.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on [page 2018](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

16.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on [page 1896](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

16.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		466
	Value <Val>	[0..1]	Text		466

16.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

16.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

16.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction130** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		468
	ReportedFraud <RptdFrd>	[1..1]	±		468
	FraudulentTransactionData <FrdIntTxData>	[1..1]			469
	AuthorisationStatus <AuthstnSts>	[0..1]			470
	AuthorisationIndicator <AuthstnInd>	[0..1]	Indicator		470
	AuthorisationEntity <AuthstnNtty>	[0..1]	CodeSet		470
	OtherAuthorisationEntity <OthrAuthstnNtty>	[0..1]	Text		471
	DisputeDetails <DsptDtls>	[0..1]			471
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		471
	DisputeCondition <DsptCond>	[0..1]	Text		471
	DisputeReference <DsptRef>	[0..*]	±		472
	MessageReason <MsgRsn>	[0..*]	CodeSet		472
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		472
	FraudulentMessage <FrdIntMsg>	[0..1]	Binary		472
	CardNotReceivedDetails <CardNotRcvdDtls>	[0..1]			472
	DateOfCardMailed <DtOfCardMld>	[1..1]	Date		473
	MailingAddress <MlngAdr>	[0..1]	±		473
	MailingAddressUnstructured <MlngAdrUstrd>	[0..1]	Text		474
	MailedFromPostalCode <MldFrPstlCd>	[1..1]	Text		474
	ValidFrom <VldFr>	[0..1]	Date		474
	CardSecurityCodeIndicator <CardSctyCdInd>	[0..1]	Indicator		474
	CardSecurityCapability <CardSctyCpblty>	[0..*]			474
	Capability <Cpblty>	[1..1]	CodeSet		474
	OtherCapability <OthrCpblty>	[0..1]	Text		475
	CardholderName <CrdhldrNm>	[0..1]	±		475
	AdditionalFee <AddtlFee>	[0..*]	±		475
	AdditionalInformation <AddtlInf>	[0..*]	±		476
	AdditionalData <AddtlData>	[0..*]			476
	Type <Tp>	[0..1]	Text		477
	Value <Val>	[0..1]	Text		477
	LocalData <LclData>	[0..1]			477

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		477
	MailingAddress <MlngAdr>	[0..1]	±		477
	MailingAddressUnstructured <MlngAdrUstrd>	[0..1]	Text		478
	MailedFromPostalCode <MldFrPstlCd>	[0..1]	Text		478
	CardholderName <CrdhldrNm>	[0..1]	±		478
	AdditionalInformation <AddtlInf>	[0..*]	±		478
	AdditionalData <AddtlData>	[0..*]			479
	Type <Tp>	[0..1]	Text		479
	Value <Val>	[0..1]	Text		479

16.4.2.3.1 FraudTransactionIdentification <FrdTxld>

Presence: [1..1]

Definition: Identification of the transaction reporting the fraud.

Datatype: "Max70Text" on page 2209

16.4.2.3.2 ReportedFraud <RptdFrd>

Presence: [1..1]

Definition: Fraud reporting type information.

ReportedFraud <RptdFrd> contains the following elements (see "ReportedFraud3" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudType <FrdTp>	[1..1]	CodeSet		1704
	OtherFraudType <OthrFrdTp>	[0..1]	Text		1705
	FraudReportingAction <FrdRptgActn>	[1..1]	CodeSet		1705
	OtherFraudReportingAction <OthrFrdRptgActn>	[0..1]	Text		1706
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1706
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1706
	CompromisedCredential <CmprmsdCrdntl>	[0..*]	CodeSet		1706
	CardholderReportingDate <CrdhldrRptgDt>	[0..1]	Date		1709
	ConfirmationReportingDate <ConfRptgDt>	[0..1]	Date		1709
	SubmitterCaseReference <SubmtrCaseRef>	[0..1]	Text		1709
	FraudCaseDetails <FrdCaseDtls>	[0..1]			1709
	MarketSegment <MktSgmt>	[0..1]	Text		1710
	LocatorNumber <LctrNb>	[0..1]	Text		1710
	CaseReference <CaseRef>	[0..1]	Text		1710
	ArrestIndicator <ArrstInd>	[0..1]	Indicator		1710
	FraudInvestigationStatus <FrdInvstgtnSts>	[0..1]	Text		1710

16.4.2.3.3 FraudulentTransactionData <FrdIntTxData>

Presence: [1..1]

Definition: Data pertaining to fraudulent reported transaction.

FraudulentTransactionData <FrdIntTxData> contains the following **FraudulentTransactionData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationStatus <AuthstnSts>	[0..1]			470
	AuthorisationIndicator <AuthstnInd>	[0..1]	Indicator		470
	AuthorisationEntity <AuthstnNtty>	[0..1]	CodeSet		470
	OtherAuthorisationEntity <OthrAuthstnNtty>	[0..1]	Text		471
	DisputeDetails <DsptDtls>	[0..1]			471
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		471
	DisputeCondition <DsptCond>	[0..1]	Text		471
	DisputeReference <DsptRef>	[0..*]	±		472
	MessageReason <MsgRsn>	[0..*]	CodeSet		472
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		472
	FraudulentMessage <FrdIntMsg>	[0..1]	Binary		472

16.4.2.3.3.1 AuthorisationStatus <AuthstnSts>

Presence: [0..1]

Definition: Status of authorisation of the fraudulent transaction.

AuthorisationStatus <AuthstnSts> contains the following **AuthorisationStatus1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AuthorisationIndicator <AuthstnInd>	[0..1]	Indicator		470
	AuthorisationEntity <AuthstnNtty>	[0..1]	CodeSet		470
	OtherAuthorisationEntity <OthrAuthstnNtty>	[0..1]	Text		471

16.4.2.3.3.1.1 AuthorisationIndicator <AuthstnInd>

Presence: [0..1]

Definition: Indicates whether the transaction was authorised or not.

False: transaction was not authorised

True: transaction was authorised

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

16.4.2.3.3.1.2 AuthorisationEntity <AuthstnNtty>

Presence: [0..1]

Definition: Indicates the entity which authorised the transaction (if relevant).

Datatype: "PartyType26Code" on page 2173

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ICCA	CardApplication	Application in the smart card.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

16.4.2.3.1.3 OtherAuthorisationEntity <OthrAuthstnNtty>

Presence: [0..1]

Definition: Other type of authorisation entity.

Datatype: "Max35Text" on page 2207

16.4.2.3.3.2 DisputeDetails <DsptDtls>

Presence: [0..1]

Definition: Details of the dispute if and when relevant.

DisputeDetails <DsptDtls> contains the following **DisputeData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		471
	DisputeCondition <DsptCond>	[0..1]	Text		471
	DisputeReference <DsptRef>	[0..*]	±		472

16.4.2.3.3.2.1 PresentmentCycle <PresntmntCycl>

Presence: [0..1]

Definition: Indicates the cycle of presentment or of the chargeback (1= first cycle for chargeback, 2= second cycle of presentment or chargeback, etc.).

Datatype: "Exact1NumericText" on page 2200

16.4.2.3.3.2.2 DisputeCondition <DsptCond>

Presence: [0..1]

Definition: Condition of the dispute.

Datatype: "Max35Text" on page 2207

16.4.2.3.3.2.3 DisputeReference <DsptRef>

Presence: [0..*]

Definition: Reference for the dispute.

DisputeReference <DsptRef> contains the following elements (see "DisputeReference1" on page 1692 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1692
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1692
	DisputeIdentification <DsptId>	[1..*]			1692
	Type <Tp>	[0..1]	Text		1693
	Identification <Id>	[1..1]	Text		1693

16.4.2.3.3.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason for sending the message.

The ISO 8583 maintenance agency (MA) manages this Message reason code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

16.4.2.3.3.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max35Text" on page 2207

16.4.2.3.3.5 FraudulentMessage <FrdIntMsg>

Presence: [0..1]

Definition: Complete or partial details of the original message identified as fraudulent.

Datatype: "Max100KBinary" on page 2110

16.4.2.3.4 CardNotReceivedDetails <CardNotRcvdDtls>

Presence: [0..1]

Definition: Details of a not-received card.

CardNotReceivedDetails <CardNotRcvdDtls> contains the following **CardNotReceivedDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateOfCardMailed <DtOfCardMld>	[1..1]	Date		473
	MailingAddress <MIngAdr>	[0..1]	±		473
	MailingAddressUnstructured <MIngAdrUstrd>	[0..1]	Text		474
	MailedFromPostalCode <MldFrPstlCd>	[1..1]	Text		474
	ValidFrom <VldFr>	[0..1]	Date		474
	CardSecurityCodeIndicator <CardSctyCdInd>	[0..1]	Indicator		474
	CardSecurityCapability <CardSctyCpblty>	[0..*]			474
	Capability <Cpblty>	[1..1]	CodeSet		474
	OtherCapability <OthrCpblty>	[0..1]	Text		475

16.4.2.3.4.1 DateOfCardMailed <DtOfCardMld>

Presence: [1..1]

Definition: Date of card when mailed to the cardholder.

Datatype: "ISODate" on page 2196

16.4.2.3.4.2 MailingAddress <MIngAdr>

Presence: [0..1]

Definition: Address where card was mailed to.

MailingAddress <MIngAdr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

16.4.2.3.4.3 MailingAddressUnstructured <MIngAdrUstrd>

Presence: [0..1]

Definition: Unstructured mailing address where card was mailed to.

Datatype: "Max256Text" on page 2206

16.4.2.3.4.4 MailedFromPostalCode <MIdFrPstlCd>

Presence: [1..1]

Definition: Postal code where the card was mailed from.

Datatype: "Max16Text" on page 2204

16.4.2.3.4.5 ValidFrom <VIdFr>

Presence: [0..1]

Definition: Date of the beginning of validation of the card.

Datatype: "ISODate" on page 2196

16.4.2.3.4.6 CardSecurityCodeIndicator <CardSctyCdInd>

Presence: [0..1]

Definition: Indicates whether card provides a Card Security Code.

True: Card provides a Card Security Code.

False: Card does not provide a Card Security Code.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

16.4.2.3.4.7 CardSecurityCapability <CardSctyCpblty>

Presence: [0..*]

Definition: Identifies the security capabilities of the card.

CardSecurityCapability <CardSctyCpblty> contains the following **CardSecurityCapability1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		474
	OtherCapability <OthrCpblty>	[0..1]	Text		475

16.4.2.3.4.7.1 Capability <Cpblty>

Presence: [1..1]

Definition: Defines the security capability.

Datatype: "CardSecurityCapability1Code" on page 2137

CodeName	Name	Definition
ICCD	ICC	Card contains an integrated circuit card.
MWOS	MagneticStripeWithoutSecurityCode	Card does not contain a card security code in the magstripe
MSWS	MagneticStripeWithSecurityCode	Card contains a card security code in the magstripe
OTHN	OtherNational	Other type of card defined at national level.
OTHP	OtherPrivate	Other type of card defined at private level.
OLPN	OffLinePIN	Off line PIN card

16.4.2.3.4.7.2 OtherCapability <OthrCpblty>

Presence: [0..1]

Definition: Other type of card security capability defined at national or private level.

Datatype: "Max35Text" on page 2207

16.4.2.3.5 CardholderName <CrdhldrNm>

Presence: [0..1]

Definition: Cardholder name as it appears on the card.

CardholderName <CrdhldrNm> contains the following elements (see "CardholderName3" on page 1758 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1758
	GivenName <GvnNm>	[0..1]	Text		1758
	MiddleName <MddlNm>	[0..1]	Text		1758
	LastName <LastNm>	[0..1]	Text		1759

16.4.2.3.6 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

16.4.2.3.7 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the settlement report.

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation22" on page 1769 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1769
	Target <Trgt>	[0..*]	CodeSet		1770
	Format <Frmt>	[0..1]	CodeSet		1770
	Type <Tp>	[0..1]	Text		1771
	Value <Val>	[1..1]	Text		1771

16.4.2.3.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		477
	Value <Val>	[0..1]	Text		477

16.4.2.3.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

16.4.2.3.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

16.4.2.3.9 LocalData <LclData>

Presence: [0..1]

Definition: Contains text fields in the local language.

LocalData <LclData> contains the following **LocalData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		477
	MailingAddress <MlngAdr>	[0..1]	±		477
	MailingAddressUnstructured <MlngAdrUstrd>	[0..1]	Text		478
	MailedFromPostalCode <MldFrPstlCd>	[0..1]	Text		478
	CardholderName <CrdhldrNm>	[0..1]	±		478
	AdditionalInformation <AddtlInf>	[0..*]	±		478
	AdditionalData <AddtlData>	[0..*]			479
	Type <Tp>	[0..1]	Text		479
	Value <Val>	[0..1]	Text		479

16.4.2.3.9.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

16.4.2.3.9.2 MailingAddress <MlngAdr>

Presence: [0..1]

Definition: For cases where the card was not received, contains the local language equivalent of where the card was mailed to.

MailingAddress <MlngAdr> contains the following elements (see "Address3" on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

16.4.2.3.9.3 MailingAddressUnstructured <MlngAdrUstrd>

Presence: [0..1]

Definition: For cases where the card was not received, contains the local language equivalent of the Unstructured mailing address where the card was mailed to.

Datatype: "Max512Text" on page 2209

16.4.2.3.9.4 MailedFromPostalCode <MldFrPstlCd>

Presence: [0..1]

Definition: For cases where the card was not received, contains the local language equivalent of the postal code where the card was mailed from.

Datatype: "Max35Text" on page 2207

16.4.2.3.9.5 CardholderName <CrdhldrNm>

Presence: [0..1]

Definition: Local language equivalent of the Cardholder name.

CardholderName <CrdhldrNm> contains the following elements (see "CardholderName2" on page 1762 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1762
	GivenName <GvnNm>	[0..1]	Text		1763
	MiddleName <MddlNm>	[0..1]	Text		1763
	LastName <LastNm>	[0..1]	Text		1763

16.4.2.3.9.6 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the settlement report.

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation22" on page 1769 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1769
	Target <Trgt>	[0..*]	CodeSet		1770
	Format <Frmt>	[0..1]	CodeSet		1770
	Type <Tp>	[0..1]	Text		1771
	Value <Val>	[1..1]	Text		1771

16.4.2.3.9.7 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		479
	Value <Val>	[0..1]	Text		479

16.4.2.3.9.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

16.4.2.3.9.7.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

16.4.2.4 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

16.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

17 cafr.002.001.02 FraudReportingResponseV02

17.1 MessageDefinition Functionality

A FraudReportingResponse message is sent by an agent (processor, agent) to an issuer or acquirer in response to a FraudReportingInitiation message.

Outline

The FraudReportingResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the initiation of the fraud reporting.

C. SecurityTrailer

Trailer of the message containing a MAC.

17.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FrdRptgRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		486
	Body <Body>	[1..1]			487
	Environment <Envt>	[1..1]			489
	Acquirer <Acqrr>	[0..1]	±		489
	Originator <Orgtr>	[0..1]	±		490
	Sender <Sndr>	[0..1]	±		491
	Receiver <Rcvr>	[0..1]	±		492
	Destination <Dstn>	[0..1]	±		493
	Issuer <Issr>	[0..1]	±		494
	Card <Card>	[0..1]	±		495
	Token <Tkn>	[0..1]	±		496
	Cardholder <Crdhldr>	[0..1]	±		497
	Context <Cntxt>	[0..1]			498
	TransactionContext <TxCntxt>	[0..1]			499
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		499
	Jurisdiction <Jursdctn>	[0..1]			500
	DomesticIndicator <DmstInd>	[0..1]	Indicator		500
	DomesticQualification <DmstQlfctn>	[0..1]	Text		500
	SettlementService <SttlmSvc>	[0..1]	±		500
	Reconciliation <Rcncltn>	[0..1]	±		501
	AdditionalData <AddtlData>	[0..*]			501
	Type <Tp>	[0..1]	Text		502
	Value <Val>	[0..1]	Text		502
	Transaction <Tx>	[1..1]			502
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		502
	AdditionalFee <AddtlFee>	[0..*]	±		502
	AdditionalData <AddtlData>	[0..*]			503
	Type <Tp>	[0..1]	Text		503
	Value <Val>	[0..1]	Text		503

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProcessingResult <PrcgRslt>	[1..1]	±		503
	SupplementaryData <SplmtryData>	[0..*]	±	C1	504
	SecurityTrailer <SctyTrlr>	[0..1]	±		505

17.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

17.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

17.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "[Header66](#)" on [page 1732](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

17.4.2 **Body <Body>**

Presence: [1..1]

Definition: Information related to the initiation of the fraud reporting.

Body <Body> contains the following FraudReportingResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Env<	[1..1]			489
	Acquirer <Acqrr>	[0..1]	±		489
	Originator <Orgtr>	[0..1]	±		490
	Sender <Sndr>	[0..1]	±		491
	Receiver <Rcvr>	[0..1]	±		492
	Destination <Dstn>	[0..1]	±		493
	Issuer <Issr>	[0..1]	±		494
	Card <Card>	[0..1]	±		495
	Token <Tkn>	[0..1]	±		496
	Cardholder <Crdhldr>	[0..1]	±		497
	Context <Cntxt>	[0..1]			498
	TransactionContext <TxCntxt>	[0..1]			499
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		499
	Jurisdiction <Jursdctn>	[0..1]			500
	DomesticIndicator <DmstInd>	[0..1]	Indicator		500
	DomesticQualification <DmstQlfc<	[0..1]	Text		500
	SettlementService <SttlmSvc>	[0..1]	±		500
	Reconciliation <Rcncltn>	[0..1]	±		501
	AdditionalData <AddtlData>	[0..*]			501
	Type <Tp>	[0..1]	Text		502
	Value <Val>	[0..1]	Text		502
	Transaction <Tx>	[1..1]			502
	FraudTransactionIdentification <FrdTxld>	[1..1]	Text		502
	AdditionalFee <AddtlFee>	[0..*]	±		502
	AdditionalData <AddtlData>	[0..*]			503
	Type <Tp>	[0..1]	Text		503
	Value <Val>	[0..1]	Text		503
	ProcessingResult <PrcgRslt>	[1..1]	±		503
	SupplementaryData <SplmtryData>	[0..*]	±	C1	504

17.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		489
	Originator <Orgtr>	[0..1]	±		490
	Sender <Sndr>	[0..1]	±		491
	Receiver <Rcvr>	[0..1]	±		492
	Destination <Dstn>	[0..1]	±		493
	Issuer <Issr>	[0..1]	±		494
	Card <Card>	[0..1]	±		495
	Token <Tkn>	[0..1]	±		496
	Cardholder <Crdhdr>	[0..1]	±		497

17.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Party in contract with an acceptor to acquire card payment transactions.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

17.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

17.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

17.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

17.4.2.1.5 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

17.4.2.1.6 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

17.4.2.1.7 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData8" on page 1390 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1391
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1391
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1392
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1392
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1392
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1392
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1392
	PANAccountRange <PANAcctRg>	[0..1]	Text		1392
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1393
	CardProductType <CardPdctTp>	[0..1]	Text		1393
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1393
	CardPortfolioIdentifier <CardPrftlldr>	[0..1]	Text		1393
	AdditionalCardData <AddtlCardData>	[0..*]			1393
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

17.4.2.1.8 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

17.4.2.1.9 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

17.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			499
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		499
	Jurisdiction <Jursdctn>	[0..1]			500
	DomesticIndicator <DmstInd>	[0..1]	Indicator		500
	DomesticQualification <DmstQlfctn>	[0..1]	Text		500
	SettlementService <SttlmSvc>	[0..1]	±		500
	Reconciliation <Rcncltn>	[0..1]	±		501
	AdditionalData <AddtlData>	[0..*]			501
	Type <Tp>	[0..1]	Text		502
	Value <Val>	[0..1]	Text		502

17.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		499
	Jurisdiction <Jursdctn>	[0..1]			500
	DomesticIndicator <DmstInd>	[0..1]	Indicator		500
	DomesticQualification <DmstQlfctn>	[0..1]	Text		500
	SettlementService <SttlmSvc>	[0..1]	±		500
	Reconciliation <Rcncltn>	[0..1]	±		501
	AdditionalData <AddtlData>	[0..*]			501
	Type <Tp>	[0..1]	Text		502
	Value <Val>	[0..1]	Text		502

17.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

17.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		500
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		500

17.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

17.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

17.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on [page 2018](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

17.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on [page 1896](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

17.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		502
	Value <Val>	[0..1]	Text		502

17.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

17.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

17.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Transaction details of fraud reporting response.

Transaction <Tx> contains the following **Transaction129** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		502
	AdditionalFee <AddtlFee>	[0..*]	±		502
	AdditionalData <AddtlData>	[0..*]			503
	Type <Tp>	[0..1]	Text		503
	Value <Val>	[0..1]	Text		503

17.4.2.3.1 FraudTransactionIdentification <FrdTxId>

Presence: [1..1]

Definition: Identification of the transaction reporting the fraud.

Datatype: "Max70Text" on page 2209

17.4.2.3.2 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

17.4.2.3.3 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		503
	Value <Val>	[0..1]	Text		503

17.4.2.3.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

17.4.2.3.3.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

17.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of processing of the fraud reporting.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

17.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

17.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType20](#)" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtc>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

18 cafr.003.001.02

FraudDispositionInitiationV02

18.1 MessageDefinition Functionality

A FraudDispositionInitiation message is usually sent by an agent to a financial institution acting as an acquirer or as an issuer to report about the disposition of a confirmed fraudulent transaction.

Outline

The FraudDispositionInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the initiation of the fraud disposition.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

18.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FrdDspstnInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		508
	Body <Body>	[1..1]			509
	Environment <Envt>	[1..1]			511
	Acquirer <Acqrr>	[0..1]	±		511
	Originator <Orgtr>	[0..1]	±		512
	Sender <Sndr>	[0..1]	±		513
	Receiver <Rcvr>	[0..1]	±		514
	Destination <Dstn>	[0..1]	±		515
	Issuer <Issr>	[0..1]	±		516
	Card <Card>	[0..1]	±		517
	Token <Tkn>	[0..1]	±		518
	Cardholder <Crdhldr>	[0..1]	±		519
	Context <Cntxt>	[0..1]			520
	TransactionContext <TxCntxt>	[0..1]			521
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		521
	Jurisdiction <Jursdctn>	[0..1]			522
	DomesticIndicator <DmstInd>	[0..1]	Indicator		522
	DomesticQualification <DmstQlfctn>	[0..1]	Text		522
	SettlementService <SttlmSvc>	[0..1]	±		522
	Reconciliation <Rcncltn>	[0..1]	±		523
	AdditionalData <AddtlData>	[0..*]			523
	Type <Tp>	[0..1]	Text		524
	Value <Val>	[0..1]	Text		524
	Transaction <Tx>	[1..1]			524
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		524
	ReportedFraud <RptdFrd>	[1..1]	±		524
	AdditionalFee <AddtlFee>	[0..*]	±		525
	AdditionalInformation <AddtlInf>	[0..*]	±		525
	AdditionalData <AddtlData>	[0..*]			526

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		526
	Value <Val>	[0..1]	Text		526
	FraudDispositionStatus <FrdDspstnSts>	[1..1]			526
	ActionTaken <ActnTaken>	[1..1]	CodeSet		527
	OtherActionTaken <OthrActnTaken>	[0..1]	Text		527
	ErrorData <ErrData>	[0..*]	Text		527
	WarningData <WrngData>	[0..*]	Text		527
	AdditionalInformation <AddtlInf>	[0..*]	±		527
	SupplementaryData <SplmtryData>	[0..*]	±	C1	528
	SecurityTrailer <SctyTrlr>	[0..1]	±		528

18.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

18.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

18.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

18.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of the fraud disposition.

Body <Body> contains the following **FraudDispositionInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			511
	Acquirer <Acqrr>	[0..1]	±		511
	Originator <Orgtr>	[0..1]	±		512
	Sender <Sndr>	[0..1]	±		513
	Receiver <Rcvr>	[0..1]	±		514
	Destination <Dstn>	[0..1]	±		515
	Issuer <Issr>	[0..1]	±		516
	Card <Card>	[0..1]	±		517
	Token <Tkn>	[0..1]	±		518
	Cardholder <Crhdldr>	[0..1]	±		519
	Context <Cntxt>	[0..1]			520
	TransactionContext <TxCntxt>	[0..1]			521
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		521
	Jurisdiction <Jursdctn>	[0..1]			522
	DomesticIndicator <DmstInd>	[0..1]	Indicator		522
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		522
	SettlementService <SttlmSvc>	[0..1]	±		522
	Reconciliation <Rcncltn>	[0..1]	±		523
	AdditionalData <AddtlData>	[0..*]			523
	Type <Tp>	[0..1]	Text		524
	Value <Val>	[0..1]	Text		524
	Transaction <Tx>	[1..1]			524
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		524
	ReportedFraud <RptdFrd>	[1..1]	±		524
	AdditionalFee <AddtlFee>	[0..*]	±		525
	AdditionalInformation <AddtlInf>	[0..*]	±		525
	AdditionalData <AddtlData>	[0..*]			526
	Type <Tp>	[0..1]	Text		526
	Value <Val>	[0..1]	Text		526
	FraudDispositionStatus <FrdDspstnSts>	[1..1]			526
	ActionTaken <ActnTaken>	[1..1]	CodeSet		527

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OtherActionTaken <OthrActnTaken>	[0..1]	Text		527
	ErrorData <ErrData>	[0..*]	Text		527
	WarningData <WrngData>	[0..*]	Text		527
	AdditionalInformation <AddtlInf>	[0..*]	±		527
	SupplementaryData <SplmtryData>	[0..*]	±	C1	528

18.4.2.1 Environment <Envvt>

Presence: [1..1]

Definition: Environment of the transaction

Environment <Envvt> contains the following **Environment28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		511
	Originator <Orgtr>	[0..1]	±		512
	Sender <Sndr>	[0..1]	±		513
	Receiver <Rcvr>	[0..1]	±		514
	Destination <Dstn>	[0..1]	±		515
	Issuer <Issr>	[0..1]	±		516
	Card <Card>	[0..1]	±		517
	Token <Tkn>	[0..1]	±		518
	Cardholder <Crdhldr>	[0..1]	±		519

18.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Party in contract with an acceptor to acquire card payment transactions.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

18.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

18.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

18.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

18.4.2.1.5 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

18.4.2.1.6 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

18.4.2.1.7 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData8" on page 1390 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1391
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1391
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1392
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1392
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1392
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1392
	PANReferenceIdentifier <PANRefIdr>	[0..1]	Text		1392
	PANAccountRange <PANAcctRg>	[0..1]	Text		1392
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1393
	CardProductType <CardPdctTp>	[0..1]	Text		1393
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1393
	CardPortfolioIdentifier <CardPrtlIdr>	[0..1]	Text		1393
	AdditionalCardData <AddtlCardData>	[0..*]			1393
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

18.4.2.1.8 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

18.4.2.1.9 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

18.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			521
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		521
	Jurisdiction <Jursdctn>	[0..1]			522
	DomesticIndicator <DmstInd>	[0..1]	Indicator		522
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		522
	SettlementService <SttlmSvc>	[0..1]	±		522
	Reconciliation <Rcncltn>	[0..1]	±		523
	AdditionalData <AddtlData>	[0..*]			523
	Type <Tp>	[0..1]	Text		524
	Value <Val>	[0..1]	Text		524

18.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		521
	Jurisdiction <Jursdctn>	[0..1]			522
	DomesticIndicator <DmstInd>	[0..1]	Indicator		522
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		522
	SettlementService <SttlmSvc>	[0..1]	±		522
	Reconciliation <Rcncltn>	[0..1]	±		523
	AdditionalData <AddtlData>	[0..*]			523
	Type <Tp>	[0..1]	Text		524
	Value <Val>	[0..1]	Text		524

18.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

18.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		522
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		522

18.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

18.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

18.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on [page 2018](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

18.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on [page 1896](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

18.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		524
	Value <Val>	[0..1]	Text		524

18.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

18.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

18.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction128** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		524
	ReportedFraud <RptdFrd>	[1..1]	±		524
	AdditionalFee <AddtlFee>	[0..*]	±		525
	AdditionalInformation <AddtlInf>	[0..*]	±		525
	AdditionalData <AddtlData>	[0..*]			526
	Type <Tp>	[0..1]	Text		526
	Value <Val>	[0..1]	Text		526

18.4.2.3.1 FraudTransactionIdentification <FrdTxId>

Presence: [1..1]

Definition: Identification of the transaction reporting the fraud.

Datatype: "Max70Text" on page 2209

18.4.2.3.2 ReportedFraud <RptdFrd>

Presence: [1..1]

Definition: Fraud reporting type information.

ReportedFraud <RptdFrd> contains the following elements (see "ReportedFraud2" on page 1701 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudType <FrdTp>	[1..1]	CodeSet		1701
	OtherFraudType <OthrFrdTp>	[0..1]	Text		1702
	FraudReportingAction <FrdRptgActn>	[1..1]	CodeSet		1702
	OtherFraudReportingAction <OthrFrdRptgActn>	[0..1]	Text		1702
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1703
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1703
	SubmitterCaseReference <SubmitrCaseRef>	[0..1]	Text		1703
	CaseReference <CaseRef>	[0..1]	Text		1703

18.4.2.3.3 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

18.4.2.3.4 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the settlement report.

AdditionalInformation <AddtlInf> contains the following elements (see ["AdditionalInformation30"](#) on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1712
	Target <Trgt>	[0..*]	CodeSet		1712
	Format <Frmt>	[0..1]	CodeSet		1712
	Type <Tp>	[0..1]	Text		1713
	Language <Lang>	[1..1]	CodeSet		1713
	Value <Val>	[1..1]	Text		1713

18.4.2.3.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		526
	Value <Val>	[0..1]	Text		526

18.4.2.3.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: ["Max35Text"](#) on page 2207

18.4.2.3.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: ["Max2048Text"](#) on page 2205

18.4.2.4 FraudDispositionStatus <FrdDspstnSts>

Presence: [1..1]

Definition: Contains the disposition of the previously submitted fraud reporting message.

FraudDispositionStatus <FrdDspstnSts> contains the following **FraudDispositionStatus2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionTaken <ActnTaken>	[1..1]	CodeSet		527
	OtherActionTaken <OthrActnTaken>	[0..1]	Text		527
	ErrorData <ErrData>	[0..*]	Text		527
	WarningData <WrngData>	[0..*]	Text		527
	AdditionalInformation <AddtlInf>	[0..*]	±		527

18.4.2.4.1 ActionTaken <ActnTaken>

Presence: [1..1]

Definition: Indicates the action taken as a disposition of the previously fraud report message.

Datatype: "ActionTaken1Code" on page 2112

CodeName	Name	Definition
ACCP	Accepted	Reported fraud was accepted
OTHN	OtherNational	Reported fraud led to actions defined at national level.
OTHP	OtherPrivate	Reported fraud led to actions defined at private level.
RJCT	Rejected	Reported fraud was rejected.
WARN	Warning	Reported fraud was accepted with warnings.

18.4.2.4.2 OtherActionTaken <OthrActnTaken>

Presence: [0..1]

Definition: Other action taken as defined at national or private level.

Datatype: "Max35Text" on page 2207

18.4.2.4.3 ErrorData <ErrData>

Presence: [0..*]

Definition: Contains errors found in the submitted fraud report message.

Datatype: "Max256Text" on page 2206

18.4.2.4.4 WarningData <WrngData>

Presence: [0..*]

Definition: Contains warnings found in the submitted fraud report message.

Datatype: "Max256Text" on page 2206

18.4.2.4.5 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation30" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1712
	Target <Trgt>	[0..*]	CodeSet		1712
	Format <Frmt>	[0..1]	CodeSet		1712
	Type <Tp>	[0..1]	Text		1713
	Language <Lang>	[1..1]	CodeSet		1713
	Value <Val>	[1..1]	Text		1713

18.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

18.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

19 cafr.004.001.02 FraudDispositionResponseV02

19.1 MessageDefinition Functionality

A FraudDispositionResponse message is sent by an issuer or acquirer to an agent (processor, agent) in response to a FraudDispositionInitiation message.

Outline

The FraudDispositionResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the response of the fraud disposition.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

19.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FrdDspstnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		532
	Body <Body>	[1..1]			533
	Environment <Envt>	[1..1]			535
	Acquirer <Acqrr>	[0..1]	±		535
	Originator <Orgtr>	[0..1]	±		536
	Sender <Sndr>	[0..1]	±		537
	Receiver <Rcvr>	[0..1]	±		538
	Destination <Dstn>	[0..1]	±		539
	Issuer <Issr>	[0..1]	±		540
	Card <Card>	[0..1]	±		541
	Token <Tkn>	[0..1]	±		542
	Cardholder <Crdhldr>	[0..1]	±		543
	Context <Cntxt>	[0..1]			544
	TransactionContext <TxCntxt>	[0..1]			545
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		545
	Jurisdiction <Jursdctn>	[0..1]			546
	DomesticIndicator <DmstInd>	[0..1]	Indicator		546
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		546
	SettlementService <SttlmSvc>	[0..1]	±		546
	Reconciliation <Rcncltn>	[0..1]	±		547
	AdditionalData <AddtlData>	[0..*]			547
	Type <Tp>	[0..1]	Text		548
	Value <Val>	[0..1]	Text		548
	Transaction <Tx>	[1..1]			548
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		548
	AdditionalFee <AddtlFee>	[0..*]	±		548
	AdditionalData <AddtlData>	[0..*]			549
	Type <Tp>	[0..1]	Text		549
	Value <Val>	[0..1]	Text		549

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProcessingResult <PrcgRslt>	[1..1]	±		549
	SupplementaryData <SplmtryData>	[0..*]	±	C1	550
	SecurityTrailer <SctyTrlr>	[0..1]	±		551

19.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

19.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

19.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "[Header66](#)" on [page 1732](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

19.4.2 **Body <Body>**

Presence: [1..1]

Definition: Information related to the response of the fraud disposition.

Body <Body> contains the following **FraudDispositionResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			535
	Acquirer <Acqrr>	[0..1]	±		535
	Originator <Orgtr>	[0..1]	±		536
	Sender <Sndr>	[0..1]	±		537
	Receiver <Rcvr>	[0..1]	±		538
	Destination <Dstn>	[0..1]	±		539
	Issuer <Issr>	[0..1]	±		540
	Card <Card>	[0..1]	±		541
	Token <Tkn>	[0..1]	±		542
	Cardholder <Crdhldr>	[0..1]	±		543
	Context <Cntxt>	[0..1]			544
	TransactionContext <TxCntxt>	[0..1]			545
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		545
	Jurisdiction <Jursdctn>	[0..1]			546
	DomesticIndicator <DmstInd>	[0..1]	Indicator		546
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		546
	SettlementService <SttlmSvc>	[0..1]	±		546
	Reconciliation <Rcncltn>	[0..1]	±		547
	AdditionalData <AddtlData>	[0..*]			547
	Type <Tp>	[0..1]	Text		548
	Value <Val>	[0..1]	Text		548
	Transaction <Tx>	[1..1]			548
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		548
	AdditionalFee <AddtlFee>	[0..*]	±		548
	AdditionalData <AddtlData>	[0..*]			549
	Type <Tp>	[0..1]	Text		549
	Value <Val>	[0..1]	Text		549
	ProcessingResult <PrcgRslt>	[1..1]	±		549
	SupplementaryData <SplmtryData>	[0..*]	±	C1	550

19.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		535
	Originator <Orgtr>	[0..1]	±		536
	Sender <Sndr>	[0..1]	±		537
	Receiver <Rcvr>	[0..1]	±		538
	Destination <Dstn>	[0..1]	±		539
	Issuer <Issr>	[0..1]	±		540
	Card <Card>	[0..1]	±		541
	Token <Tkn>	[0..1]	±		542
	Cardholder <Crdhldr>	[0..1]	±		543

19.4.2.1.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Party in contract with an acceptor to acquire card payment transactions.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

19.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

19.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

19.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

19.4.2.1.5 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

19.4.2.1.6 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

19.4.2.1.7 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData8" on page 1390 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1391
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1391
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1392
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1392
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1392
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1392
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1392
	PANAccountRange <PANAcctRg>	[0..1]	Text		1392
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1393
	CardProductType <CardPdctTp>	[0..1]	Text		1393
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1393
	CardPortfolioIdentifier <CardPrftlldr>	[0..1]	Text		1393
	AdditionalCardData <AddtlCardData>	[0..*]			1393
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

19.4.2.1.8 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

19.4.2.1.9 Cardholder <Crdhldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

19.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			545
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		545
	Jurisdiction <Jursdctn>	[0..1]			546
	DomesticIndicator <DmstInd>	[0..1]	Indicator		546
	DomesticQualification <DmstQlfctn>	[0..1]	Text		546
	SettlementService <SttlmSvc>	[0..1]	±		546
	Reconciliation <Rcncltn>	[0..1]	±		547
	AdditionalData <AddtlData>	[0..*]			547
	Type <Tp>	[0..1]	Text		548
	Value <Val>	[0..1]	Text		548

19.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		545
	Jurisdiction <Jursdctn>	[0..1]			546
	DomesticIndicator <DmstInd>	[0..1]	Indicator		546
	DomesticQualification <DmstQlfctn>	[0..1]	Text		546
	SettlementService <SttlmSvc>	[0..1]	±		546
	Reconciliation <Rcncltn>	[0..1]	±		547
	AdditionalData <AddtlData>	[0..*]			547
	Type <Tp>	[0..1]	Text		548
	Value <Val>	[0..1]	Text		548

19.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

19.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		546
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		546

19.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

19.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

19.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see ["SettlementService4"](#) on [page 2018](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

19.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see ["Reconciliation3"](#) on [page 1896](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

19.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		548
	Value <Val>	[0..1]	Text		548

19.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

19.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

19.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: contains transaction details of fraud disposition response.

Transaction <Tx> contains the following **Transaction129** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudTransactionIdentification <FrdTxId>	[1..1]	Text		548
	AdditionalFee <AddtlFee>	[0..*]	±		548
	AdditionalData <AddtlData>	[0..*]			549
	Type <Tp>	[0..1]	Text		549
	Value <Val>	[0..1]	Text		549

19.4.2.3.1 FraudTransactionIdentification <FrdTxId>

Presence: [1..1]

Definition: Identification of the transaction reporting the fraud.

Datatype: "Max70Text" on page 2209

19.4.2.3.2 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

19.4.2.3.3 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		549
	Value <Val>	[0..1]	Text		549

19.4.2.3.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

19.4.2.3.3.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

19.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of processing of the fraud reporting.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

19.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

19.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType20](#)" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtc>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

20 cain.001.001.03

AuthorisationInitiationV03

20.1 MessageDefinition Functionality

AuthorisationInitiation message is sent by an acquirer or an agent to an issuer to request approval of a card transaction by the issuer or to inform the issuer about the completion of the authorisation. It can also be sent by an issuer to an acquirer or agent to advise about the result of an authorisation already performed.

Outline

The AuthorisationInitiationV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the authorisation initiation.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

20.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AuthstnInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		555
	Body <Body>	[1..1]			555
	Environment <Envnt>	[1..1]			557
	Acquirer <Acqrr>	[1..1]	±		558
	Originator <Orgtr>	[0..1]	±		559
	Sender <Sndr>	[0..1]	±		560
	Receiver <Rcvr>	[0..1]	±		561
	Acceptor <Accptr>	[0..1]	±		562
	Destination <Dstn>	[0..1]	±		564
	Payer <Pyer>	[0..1]	±		564
	Payee <Pyee>	[0..1]	±		565
	Terminal <Termnl>	[0..1]	±		565
	Issuer <Issr>	[0..1]	±		565
	Card <Card>	[0..1]	±		566
	CustomerDevice <CstmrDvc>	[0..1]	±		567
	Wallet <Wlt>	[0..1]	±		568
	Token <Tkn>	[0..1]	±		569
	Cardholder <Crhdldr>	[0..1]	±		570
	Context <Cntxt>	[1..1]			571
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		571
	TransactionContext <TxCntxt>	[1..1]	±		573
	Verification <Vrfctn>	[0..*]	±		575
	RiskContext <RskCntxt>	[0..*]	±		575
	SaleContext <SaleCntxt>	[0..1]	±		576
	Transaction <Tx>	[1..1]			576
	TransactionType <TxTp>	[1..1]	CodeSet		577
	TransactionSubType <TxSubTp>	[0..1]	Text		578
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		578
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		579

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		579
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		579
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		579
	AdditionalService <AddtlSvc>	[0..*]	±		579
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		580
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		580
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		580
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		580
	TransactionIdentification <TxId>	[1..1]	±		581
	DisputeData <DsptData>	[0..*]	±		581
	TransactionAmounts <TxAmts>	[1..1]	±		582
	AdditionalAmount <AddtlAmt>	[0..*]	±		582
	AdditionalFee <AddtlFee>	[0..*]	±		583
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		583
	DepositDetails <DpstDtls>	[0..*]	±		584
	FundsServices <FndsSvcs>	[0..1]	±		584
	AccountFrom <AcctFr>	[0..1]	±		585
	AccountTo <AcctTo>	[0..1]	±		585
	TransactionDescription <TxDesc>	[0..1]	Text		585
	AdditionalData <AddtlData>	[0..*]			585
	Type <Tp>	[0..1]	Text		586
	Value <Val>	[0..1]	Text		586
	AddendumData <AdddmData>	[0..1]	±		586
	ProcessingResult <PrcgRslt>	[0..1]	±		587
	ICCRelatedData <ICCRltdData>	[0..1]	Text		588
	ProtectedData <PrtctdData>	[0..*]	±		588
	SupplementaryData <SplmtryData>	[0..*]	±	C1	591
	SecurityTrailer <SctyTrlr>	[0..1]	±		591

20.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

20.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

20.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header62" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1745
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1746
	ExchangeIdentification <XchgId>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1746
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1746
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1746
	InitiatingParty <InitgPty>	[1..1]	±		1747
	RecipientParty <RcptPty>	[0..1]	±		1747
	TraceData <TracData>	[0..*]			1748
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748
	Traceability <Tracblt>	[0..*]	±		1748

20.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the authorisation initiation.

Body <Body> contains the following AuthorisationInitiation2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			557
	Acquirer <Acqrr>	[1..1]	±		558
	Originator <Orgtr>	[0..1]	±		559
	Sender <Sndr>	[0..1]	±		560
	Receiver <Rcvr>	[0..1]	±		561
	Acceptor <Accptr>	[0..1]	±		562
	Destination <Dstn>	[0..1]	±		564
	Payer <Pyer>	[0..1]	±		564
	Payee <Pyee>	[0..1]	±		565
	Terminal <Termnl>	[0..1]	±		565
	Issuer <Issr>	[0..1]	±		565
	Card <Card>	[0..1]	±		566
	CustomerDevice <CstmrDvc>	[0..1]	±		567
	Wallet <Wlt>	[0..1]	±		568
	Token <Tkn>	[0..1]	±		569
	Cardholder <Crhdldr>	[0..1]	±		570
	Context <Cntxt>	[1..1]			571
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		571
	TransactionContext <TxCntxt>	[1..1]	±		573
	Verification <Vrfctn>	[0..*]	±		575
	RiskContext <RskCntxt>	[0..*]	±		575
	SaleContext <SaleCntxt>	[0..1]	±		576
	Transaction <Tx>	[1..1]			576
	TransactionType <TxTp>	[1..1]	CodeSet		577
	TransactionSubType <TxSubTp>	[0..1]	Text		578
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		578
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		579
	MessageReason <MsgRsn>	[0..*]	CodeSet		579
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		579
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		579
	AdditionalService <AddtlSvc>	[0..*]	±		579

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssociatedDataIndicator <AssocdDataInd>	[0..1]	Indicator		580
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		580
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		580
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		580
	TransactionIdentification <TxId>	[1..1]	±		581
	DisputeData <DsptData>	[0..*]	±		581
	TransactionAmounts <TxAmts>	[1..1]	±		582
	AdditionalAmount <AddtlAmt>	[0..*]	±		582
	AdditionalFee <AddtlFee>	[0..*]	±		583
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		583
	DepositDetails <DpstDtls>	[0..*]	±		584
	FundsServices <FndsSvcs>	[0..1]	±		584
	AccountFrom <AcctFr>	[0..1]	±		585
	AccountTo <AcctTo>	[0..1]	±		585
	TransactionDescription <TxDesc>	[0..1]	Text		585
	AdditionalData <AddtlData>	[0..*]			585
	Type <Tp>	[0..1]	Text		586
	Value <Val>	[0..1]	Text		586
	AddendumData <AdddmData>	[0..1]	±		586
	ProcessingResult <PrcgRslt>	[0..1]	±		587
	ICCRelatedData <ICCRltdData>	[0..1]	Text		588
	ProtectedData <PrtctdData>	[0..*]	±		588
	SupplementaryData <SplmtryData>	[0..*]	±	C1	591

20.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Contains or describes the information pertaining to the actors interacting with the transaction.

Environment <Envt> contains the following **Environment17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		558
	Originator <Orgtr>	[0..1]	±		559
	Sender <Sndr>	[0..1]	±		560
	Receiver <Rcvr>	[0..1]	±		561
	Acceptor <Accptr>	[0..1]	±		562
	Destination <Dstn>	[0..1]	±		564
	Payer <Pyer>	[0..1]	±		564
	Payee <Pyee>	[0..1]	±		565
	Terminal <Termnl>	[0..1]	±		565
	Issuer <Issr>	[0..1]	±		565
	Card <Card>	[0..1]	±		566
	CustomerDevice <CstmrDvc>	[0..1]	±		567
	Wallet <Wllt>	[0..1]	±		568
	Token <Tkn>	[0..1]	±		569
	Cardholder <Crdhldr>	[0..1]	±		570

20.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

20.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

20.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

20.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

20.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

20.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

20.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

20.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

ISO 8583:87/93/2003 bit 98

Payee <Pyee> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

20.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal4" on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

20.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

20.4.2.1.11 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData6" on page 1397 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

20.4.2.1.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

20.4.2.1.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

20.4.2.1.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

20.4.2.1.15 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

20.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		571
	TransactionContext <TxCntxt>	[1..1]	±		573
	Verification <Vrfctn>	[0..*]	±		575
	RiskContext <RskCntxt>	[0..*]	±		575
	SaleContext <SaleCntxt>	[0..1]	±		576

20.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [1..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

20.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutglInd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApplInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

20.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Contain validation result and/or data to be validated.

Verification <Vrfctn> contains the following elements (see "Verification5" on page 2107 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

20.4.2.2.4 RiskContext <RskCntxt>

Presence: [0..*]

Definition: Context of risk associated with the transaction.

RiskContext <RskCntxt> contains the following elements (see "RiskContext2" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

20.4.2.2.5 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

20.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction142** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		577
	TransactionSubType <TxSubTp>	[0..1]	Text		578
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		578
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		579
	MessageReason <MsgRsn>	[0..*]	CodeSet		579
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		579
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		579
	AdditionalService <AddtlSvc>	[0..*]	±		579
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		580
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		580
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		580
	SpecialProgrammeQualification <SpclPrgrmmQlfcctn>	[0..*]	±		580
	TransactionIdentification <TxId>	[1..1]	±		581
	DisputeData <DsptData>	[0..*]	±		581
	TransactionAmounts <TxAmts>	[1..1]	±		582
	AdditionalAmount <AddtlAmt>	[0..*]	±		582
	AdditionalFee <AddtlFee>	[0..*]	±		583
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		583
	DepositDetails <DpstDtls>	[0..*]	±		584
	FundsServices <FndsSvcs>	[0..1]	±		584
	AccountFrom <AcctFr>	[0..1]	±		585
	AccountTo <AcctTo>	[0..1]	±		585
	TransactionDescription <TxDesc>	[0..1]	Text		585
	AdditionalData <AddtlData>	[0..*]			585
	Type <Tp>	[0..1]	Text		586
	Value <Val>	[0..1]	Text		586

20.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

Datatype: "ISO8583TransactionTypeCode" on page 2157

20.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

20.4.2.3.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.

CodeName	Name	Definition
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

20.4.2.3.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

20.4.2.3.5 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

20.4.2.3.6 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

20.4.2.3.7 PreAuthorisationTimeLimit <PreAuthstnTmLmt>

Presence: [0..1]

Definition: Contains the period (expressed in minutes) within which a merchant is expected to complete the transaction.

ISO8583:1993 and ISO 8583:2003 Bit 57

Datatype: "Max6NumericText" on page 2209

20.4.2.3.8 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see ["AdditionalService2"](#) on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

20.4.2.3.9 AssociatedDataIndicator <AssoctdDataInd>

Presence: [0..1]

Definition: Indicates that additional data will be provided in a separate addendum message.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

20.4.2.3.10 AssociatedDataReference <AssoctdDataRef>

Presence: [0..1]

Definition: Reference to additional transaction details to be conveyed separately from this message.

Datatype: ["Max70Text"](#) on page 2209

20.4.2.3.11 AssociatedDataDestination <AssoctdDataDstn>

Presence: [0..1]

Definition: Destination value to be used in the subsequent addendum message.

Datatype: ["Max35Text"](#) on page 2207

20.4.2.3.12 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfc> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

20.4.2.3.13 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification51" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

20.4.2.3.14 DisputeData <DsptData>

Presence: [0..*]

Definition: Information about the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

20.4.2.3.15 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "TransactionAmounts2" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

20.4.2.3.16 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

20.4.2.3.17 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

20.4.2.3.18 OriginalAdditionalFee <OrgnlAddtlFee>

Presence: [0..*]

Definition: Fees not included in the original transaction amount.

OriginalAdditionalFee <OrgnlAddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

20.4.2.3.19 DepositDetails <DpstDtls>

Presence: [0..*]

Definition: Contains ATM deposit details.

DepositDetails <DpstDtls> contains the following elements (see "[DepositDetails2](#)" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1691
	OtherType <OthrTp>	[0..1]	Text		1691
	Amount <Amt>	[0..1]	±		1691

20.4.2.3.20 FundsServices <FndsSvcs>

Presence: [0..1]

Definition: Financial services related to the account.

FundsServices <FndsSvcs> contains the following elements (see "[FundingService2](#)" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FundingService <FndgSvc>	[0..1]	±		1929
	FundingSource <FndgSrc>	[0..*]	±		1930
	ClaimInformation <ClmInf>	[0..1]	±		1930

20.4.2.3.21 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

20.4.2.3.22 AccountTo <AcctTo>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.

AccountTo <AcctTo> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

20.4.2.3.23 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

ISO 8583:87/93 bit 104

ISO 8583:2003 bit 104-71

Datatype: "[Max1000Text](#)" on page 2201

20.4.2.3.24 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		586
	Value <Val>	[0..1]	Text		586

20.4.2.3.24.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

20.4.2.3.24.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

20.4.2.4 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages.

AddendumData <AdddmData> contains the following elements (see "AddendumData3" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1610
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1611
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1611
	AdditionalAcceptorData <AddtlAccptrData>	[0..1]	±		1611
	Customer <Cstmr>	[0..1]	±		1612
	Sale <Sale>	[0..1]	±		1613
	Fleet <Fleet>	[0..1]	±		1613
	Invoice <Invc>	[0..1]	±		1613
	TravelAgency <TrvlAgcy>	[0..*]	±		1614
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1614
	VehicleRental <VhclRntl>	[0..*]	±		1614
	Lodging <Ldgg>	[0..*]	±		1615
	ShippingData <ShppgData>	[0..1]	±		1615
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1616
	TemporaryServices <TempSvcs>	[0..*]	±		1616
	Instalment <Instlmt>	[0..1]	±		1617
	AdditionalData <AddtlData>	[0..*]			1617
	Type <Tp>	[0..1]	Text		1618
	Value <Val>	[0..1]	Text		1618

20.4.2.5 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Outcome of the processing of the authorisation.

ProcessingResult <PrcgRsIt> contains the following elements (see "ProcessingResult16" on page 2045 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2045
	ResultData <RsItData>	[0..1]	±		2045
	ApprovalCode <ApprvlCd>	[0..1]	Text		2046
	OriginalResultData <OrgnlRsItData>	[0..1]	±		2046
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2046
	Action <Actn>	[0..*]	±		2047
	AdditionalAction <AddtlActn>	[0..*]	±		2047
	AdditionalInformation <AddtlInf>	[0..*]	±		2048

20.4.2.6 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

20.4.2.7 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

20.4.2.8 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

20.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

21 cain.002.001.03

AuthorisationResponseV03

21.1 MessageDefinition Functionality

The AuthorisationResponse message is sent by an issuer or an agent to an acquirer in response to an AuthorisationInitiation message.

Outline

The AuthorisationResponseV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the authorisation response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

21.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AuthstnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		596
	Body <Body>	[1..1]			596
	Environment <Envt>	[1..1]			598
	Acquirer <Acqrr>	[1..1]	±		599
	Originator <Orgtr>	[0..1]	±		599
	Sender <Sndr>	[0..1]	±		600
	Receiver <Rcvr>	[0..1]	±		601
	Acceptor <Accptr>	[0..1]	±		602
	Destination <Dstn>	[0..1]	±		603
	Terminal <Termnl>	[0..1]	±		604
	Issuer <Issr>	[0..1]	±		604
	Card <Card>	[0..1]	±		605
	Wallet <Wlt>	[0..1]	±		606
	Token <Tkn>	[0..1]	±		607
	Cardholder <Crdhlr>	[0..1]	±		608
	Context <Cntxt>	[0..1]			609
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		609
	TransactionContext <TxCntxt>	[0..1]	±		610
	Verification <Vrfctn>	[0..*]	±		611
	RiskContext <RskCntxt>	[0..1]	±		612
	Transaction <Tx>	[1..1]			612
	TransactionType <TxTp>	[1..1]	CodeSet		613
	TransactionSubType <TxSubTp>	[0..1]	Text		613
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		614
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		614
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		615
	AdditionalService <AddtlSvc>	[0..*]	±		615
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		615
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		615

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionIdentification <TxId>	[1..1]	±		616
	TransactionAmounts <TxAmts>	[1..1]	±		616
	AdditionalAmount <AddtlAmt>	[0..*]	±		617
	AdditionalFee <AddtlFee>	[0..*]	±		617
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		617
	AccountBalance <AcctBal>	[0..*]	±		618
	AccountFrom <AcctFr>	[0..1]	±		618
	AccountTo <AcctTo>	[0..1]	±		619
	TransactionDescription <TxDesc>	[0..1]	Text		619
	AdditionalData <AddtlData>	[0..*]			619
	Type <Tp>	[0..1]	Text		619
	Value <Val>	[0..1]	Text		620
	AddendumData <AdddmData>	[0..1]	±		620
	ProcessingResult <PrccgRslt>	[1..1]	±		620
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		621
	ProtectedData <PrctcdData>	[0..*]	±		621
	SupplementaryData <SplmtryData>	[0..*]	±	C1	624
	SecurityTrailer <SctyTrlr>	[0..1]	±		624

21.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

21.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

21.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header62" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1745
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1746
	ExchangeIdentification <XchgId>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1746
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1746
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1746
	InitiatingParty <InitgPty>	[1..1]	±		1747
	RecipientParty <RcptPty>	[0..1]	±		1747
	TraceData <TracData>	[0..*]			1748
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748
	Traceability <Tracblt>	[0..*]	±		1748

21.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the authorisation response.

Body <Body> contains the following AuthorisationResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			598
	Acquirer <Acqrr>	[1..1]	±		599
	Originator <Orgtr>	[0..1]	±		599
	Sender <Sndr>	[0..1]	±		600
	Receiver <Rcvr>	[0..1]	±		601
	Acceptor <Accptr>	[0..1]	±		602
	Destination <Dstn>	[0..1]	±		603
	Terminal <Termnl>	[0..1]	±		604
	Issuer <Issr>	[0..1]	±		604
	Card <Card>	[0..1]	±		605
	Wallet <Wlt>	[0..1]	±		606
	Token <Tkn>	[0..1]	±		607
	Cardholder <Crhdldr>	[0..1]	±		608
	Context <Cntxt>	[0..1]			609
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		609
	TransactionContext <TxCntxt>	[0..1]	±		610
	Verification <Vrfctn>	[0..*]	±		611
	RiskContext <RskCntxt>	[0..1]	±		612
	Transaction <Tx>	[1..1]			612
	TransactionType <TxTp>	[1..1]	CodeSet		613
	TransactionSubType <TxSubTp>	[0..1]	Text		613
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		614
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		614
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		615
	AdditionalService <AddtlSvc>	[0..*]	±		615
	AssociatedDataDestination <AssocdtdDataDstn>	[0..1]	Text		615
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		615
	TransactionIdentification <TxId>	[1..1]	±		616
	TransactionAmounts <TxAmts>	[1..1]	±		616
	AdditionalAmount <AddtlAmt>	[0..*]	±		617
	AdditionalFee <AddtlFee>	[0..*]	±		617

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		617
	AccountBalance <AcctBal>	[0..*]	±		618
	AccountFrom <AcctFr>	[0..1]	±		618
	AccountTo <AcctTo>	[0..1]	±		619
	TransactionDescription <TxDesc>	[0..1]	Text		619
	AdditionalData <AddtlData>	[0..*]			619
	Type <Tp>	[0..1]	Text		619
	Value <Val>	[0..1]	Text		620
	AddendumData <AdddmData>	[0..1]	±		620
	ProcessingResult <PrcgRslt>	[1..1]	±		620
	ICCRelatedData <ICCRltdData>	[0..1]	Text		621
	ProtectedData <PrctcdData>	[0..*]	±		621
	SupplementaryData <SplmtryData>	[0..*]	±	C1	624

21.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Env> contains the following **Environment26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		599
	Originator <Orgtr>	[0..1]	±		599
	Sender <Sndr>	[0..1]	±		600
	Receiver <Rcvr>	[0..1]	±		601
	Acceptor <Accptr>	[0..1]	±		602
	Destination <Dstn>	[0..1]	±		603
	Terminal <Termnl>	[0..1]	±		604
	Issuer <Issr>	[0..1]	±		604
	Card <Card>	[0..1]	±		605
	Wallet <Wlt>	[0..1]	±		606
	Token <Tkn>	[0..1]	±		607
	Cardholder <Crhdldr>	[0..1]	±		608

21.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Party in a contractual relationship with an acceptor to acquire card payment transactions.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

21.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

21.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

21.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

21.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

21.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

21.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal6" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

21.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

21.4.2.1.9 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData9" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1387
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1387
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1388
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1388
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1388
	Track3 <Trck3>	[0..1]	Text		1388
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1388
	PANAccountRange <PANAcctRg>	[0..1]	Text		1389
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1389
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1389
	CardCurrencyCode <CardCcyCd>	[0..1]	CodeSet	C2	1389
	CardProductType <CardPdctTp>	[0..1]	Text		1389
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1389
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1390
	AdditionalCardData <AddtlCardData>	[0..*]			1390
	Type <Tp>	[0..1]	Text		1390
	Value <Val>	[0..1]	Text		1390

21.4.2.1.10 Wallet <Wllt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

21.4.2.1.11 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

21.4.2.1.12 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

21.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		609
	TransactionContext <TxCntxt>	[0..1]	±		610
	Verification <Vrfctn>	[0..*]	±		611
	RiskContext <RskCntxt>	[0..1]	±		612

21.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext4" on page 1869 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1870
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1871
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1871
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1871
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1872
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1872
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1872
	ECommerceData <EComrcData>	[0..*]			1872
	Type <Tp>	[1..1]	Text		1873
	Value <Val>	[1..1]	Text		1873
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1873
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1873
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1873
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1874
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1874
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1875
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1875
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1876
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1876
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1876
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1876
	StorageLocation <StorgLctn>	[0..1]	Text		1877
	SpecialConditions <SpclConds>	[0..*]			1877
	Identification <Id>	[0..1]	Text		1877
	Value <Val>	[0..1]	Text		1877

21.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

21.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "Verification4" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2106
	OtherType <OthrTp>	[0..1]	Text		2107
	SubType <SubTp>	[0..1]	Text		2107
	AdditionalInformation <AddtlInf>	[0..1]	Text		2107
	VerificationResult <VrfctnRslt>	[0..*]	±		2107

21.4.2.2.4 RiskContext <RskCntxt>

Presence: [0..1]

Definition: Context of risk associated with the transaction.

RiskContext <RskCntxt> contains the following elements (see "[RiskContext2](#)" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

21.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction150** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		613
	TransactionSubType <TxSubTp>	[0..1]	Text		613
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		614
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		614
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		615
	AdditionalService <AddtlSvc>	[0..*]	±		615
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		615
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		615
	TransactionIdentification <TxId>	[1..1]	±		616
	TransactionAmounts <TxAmts>	[1..1]	±		616
	AdditionalAmount <AddtlAmt>	[0..*]	±		617
	AdditionalFee <AddtlFee>	[0..*]	±		617
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		617
	AccountBalance <AcctBal>	[0..*]	±		618
	AccountFrom <AcctFr>	[0..1]	±		618
	AccountTo <AcctTo>	[0..1]	±		619
	TransactionDescription <TxDesc>	[0..1]	Text		619
	AdditionalData <AddtlData>	[0..*]			619
	Type <Tp>	[0..1]	Text		619
	Value <Val>	[0..1]	Text		620

21.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction associated with the main service

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

21.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

21.4.2.3.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

21.4.2.3.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

21.4.2.3.5 PreAuthorisationTimeLimit <PreAuthstnTmLmt>

Presence: [0..1]

Definition: Contains the period (expressed in minutes) within which a merchant is expected to complete the transaction.

Datatype: "Max6NumericText" on page 2209

21.4.2.3.6 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

21.4.2.3.7 AssociatedDataDestination <AssoctdDataDstn>

Presence: [0..1]

Definition: Destination value to be used in the subsequent addendum message.

Datatype: "Max35Text" on page 2207

21.4.2.3.8 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfcnt> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

21.4.2.3.9 TransactionIdentification <TxId>*Presence:* [1..1]*Definition:* Identification of the transaction**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification51](#)" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

21.4.2.3.10 TransactionAmounts <TxAmts>*Presence:* [1..1]*Definition:* Amounts of the card transaction.**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts2](#)" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

21.4.2.3.11 AdditionalAmount <AddtlAmt>*Presence:* [0..*]*Definition:* Amounts that are not part of the transaction amount and not included in reconciliation.**AdditionalAmount <AddtlAmt>** contains the following elements (see "[AdditionalAmounts3](#)" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

21.4.2.3.12 AdditionalFee <AddtlFee>*Presence:* [0..*]*Definition:* Fees not included in the transaction amount.**AdditionalFee <AddtlFee>** contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

21.4.2.3.13 OriginalAdditionalFee <OrgnlAddtlFee>*Presence:* [0..*]*Definition:* Fees not included in the original transaction amount.

OriginalAdditionalFee <OrgnlAddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

21.4.2.3.14 AccountBalance <AcctBal>

Presence: [0..*]

Definition: Balance of the account involved in the card transaction.

AccountBalance <AcctBal> contains the following elements (see "[AccountBalance2](#)" on page 1369 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1369
	Balance <Bal>	[0..*]			1369
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1370
	Amount <Amt>	[1..1]	Amount		1370
	Currency <Ccy>	[0..1]	CodeSet	C2	1371
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1371
	CardholderCurrencyIndicator <CrhdldrCcyInd>	[0..1]	Indicator		1371
	BalanceDate <BalDt>	[0..1]	Date		1371

21.4.2.3.15 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

21.4.2.3.16 AccountTo <AcctTo>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.

AccountTo <AcctTo> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

21.4.2.3.17 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

21.4.2.3.18 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		619
	Value <Val>	[0..1]	Text		620

21.4.2.3.18.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

21.4.2.3.18.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

21.4.2.4 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages.

AddendumData <AdddmData> contains the following elements (see "AddendumData4" on page 1435 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Fleet <Fleet>	[0..1]	±		1435
	Instalment <Instlmt>	[0..1]	±		1436
	AdditionalData <AddtlData>	[0..*]			1436
	Type <Tp>	[0..1]	Text		1436
	Value <Val>	[0..1]	Text		1436

21.4.2.5 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsltData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2080
	ActionRequired <ActnReqr>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

21.4.2.6 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

21.4.2.7 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

21.4.2.8 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

21.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLength>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

22 cain.003.001.03 FinancialInitiationV03

22.1 MessageDefinition Functionality

The FinancialInitiation message is sent by an acquirer or an agent to an issuer to request approval of a card transaction or to inform about the completion of an authorisation. It allows the approved transaction amount to be billed or posted on the cardholder's account. It can also be sent by an issuer to an acquirer or agent to advise that an authorisation has been successfully completed for the final amount and requests the clearing of the transaction.

Outline

The FinancialInitiationV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Information related to the management of the protocol.
- B. Body
Information related to the financial initiation.
- C. SecurityTrailer
Trailer of the message containing a MAC

22.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FinInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		629
	Body <Body>	[1..1]			630
	Environment <Envnt>	[1..1]			632
	Acquirer <Acqrr>	[1..1]	±		633
	Originator <Orgtr>	[0..1]	±		634
	Sender <Sndr>	[0..1]	±		635
	Receiver <Rcvr>	[0..1]	±		636
	Acceptor <Accptr>	[0..1]	±		637
	Destination <Dstn>	[0..1]	±		639
	Payer <Pyer>	[0..1]	±		639
	Payee <Pyee>	[0..1]	±		640
	Terminal <Termnl>	[0..1]	±		640
	Issuer <Issr>	[0..1]	±		640
	Card <Card>	[0..1]	±		641
	CustomerDevice <CstmrDvc>	[0..1]	±		642
	Wallet <Wlt>	[0..1]	±		643
	Token <Tkn>	[0..1]	±		644
	Cardholder <Crdhldr>	[0..1]	±		645
	Context <Cntxt>	[1..1]			646
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		646
	TransactionContext <TxCntxt>	[1..1]	±		648
	Verification <Vrfctn>	[0..*]	±		650
	RiskContext <RskCntxt>	[0..*]	±		650
	SaleContext <SaleCntxt>	[0..1]	±		651
	Transaction <Tx>	[1..1]			651
	TransactionType <TxTp>	[1..1]	CodeSet		652
	TransactionSubType <TxSubTp>	[0..1]	Text		653
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		653
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		654

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		654
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		654
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		654
	AdditionalService <AddtlSvc>	[0..*]	±		654
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		655
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		655
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		655
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		655
	TransactionIdentification <TxId>	[1..1]	±		656
	DisputeData <DsptData>	[0..*]	±		656
	TransactionAmounts <TxAmts>	[1..1]	±		657
	AdditionalAmount <AddtlAmt>	[0..*]	±		657
	AdditionalFee <AddtlFee>	[0..*]	±		658
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		658
	DepositDetails <DpstDtls>	[0..*]	±		659
	FundsServices <FndsSvcs>	[0..1]	±		659
	AccountFrom <AcctFr>	[0..1]	±		660
	AccountTo <AcctTo>	[0..1]	±		660
	TransactionDescription <TxDesc>	[0..1]	Text		660
	AdditionalData <AddtlData>	[0..*]			660
	Type <Tp>	[0..1]	Text		661
	Value <Val>	[0..1]	Text		661
	AdditionalInformation <AddtlInf>	[0..1]	±		661
	OriginalTransaction <OrgnlTx>	[1..1]			661
	Environment <Envt>	[0..1]	±		662
	Context <Cntxt>	[0..1]	±		663
	Transaction <Tx>	[0..1]	±		664
	ProcessingResult <PrcgRslt>	[0..1]	±		665
	AddendumData <AdddmData>	[0..1]	±		666
	ProcessingResult <PrcgRslt>	[0..1]	±		667
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		668

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedData <PrctcdData>	[0..*]	±		668
	SupplementaryData <SplmtryData>	[0..*]	±	C1	671
	SecurityTrailer <SctyTrlr>	[0..1]	±		671

22.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

22.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

22.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header62" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1745
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1746
	ExchangeIdentification <XchgId>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1746
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1746
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1746
	InitiatingParty <InitgPty>	[1..1]	±		1747
	RecipientParty <RcptPty>	[0..1]	±		1747
	TraceData <TracData>	[0..*]			1748
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748
	Traceability <Tracblt>	[0..*]	±		1748

22.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the financial initiation.

Body <Body> contains the following **FinancialInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			632
	Acquirer <Acqrr>	[1..1]	±		633
	Originator <Orgtr>	[0..1]	±		634
	Sender <Sndr>	[0..1]	±		635
	Receiver <Rcvr>	[0..1]	±		636
	Acceptor <Accptr>	[0..1]	±		637
	Destination <Dstn>	[0..1]	±		639
	Payer <Pyer>	[0..1]	±		639
	Payee <Pyee>	[0..1]	±		640
	Terminal <Termnl>	[0..1]	±		640
	Issuer <Issr>	[0..1]	±		640
	Card <Card>	[0..1]	±		641
	CustomerDevice <CstmrDvc>	[0..1]	±		642
	Wallet <Wlt>	[0..1]	±		643
	Token <Tkn>	[0..1]	±		644
	Cardholder <Crhdldr>	[0..1]	±		645
	Context <Cntxt>	[1..1]			646
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		646
	TransactionContext <TxCntxt>	[1..1]	±		648
	Verification <Vrfctn>	[0..*]	±		650
	RiskContext <RskCntxt>	[0..*]	±		650
	SaleContext <SaleCntxt>	[0..1]	±		651
	Transaction <Tx>	[1..1]			651
	TransactionType <TxTp>	[1..1]	CodeSet		652
	TransactionSubType <TxSubTp>	[0..1]	Text		653
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		653
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		654
	MessageReason <MsgRsn>	[0..*]	CodeSet		654
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		654
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		654
	AdditionalService <AddtlSvc>	[0..*]	±		654

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssociatedDataIndicator <AssocdDataInd>	[0..1]	Indicator		655
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		655
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		655
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		655
	TransactionIdentification <TxId>	[1..1]	±		656
	DisputeData <DsptData>	[0..*]	±		656
	TransactionAmounts <TxAmts>	[1..1]	±		657
	AdditionalAmount <AddtlAmt>	[0..*]	±		657
	AdditionalFee <AddtlFee>	[0..*]	±		658
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		658
	DepositDetails <DpstDtls>	[0..*]	±		659
	FundsServices <FndsSvcs>	[0..1]	±		659
	AccountFrom <AcctFr>	[0..1]	±		660
	AccountTo <AcctTo>	[0..1]	±		660
	TransactionDescription <TxDesc>	[0..1]	Text		660
	AdditionalData <AddtlData>	[0..*]			660
	Type <Tp>	[0..1]	Text		661
	Value <Val>	[0..1]	Text		661
	AdditionalInformation <AddtlInf>	[0..1]	±		661
	OriginalTransaction <OrgnlTx>	[1..1]			661
	Environment <Envnt>	[0..1]	±		662
	Context <Cntxt>	[0..1]	±		663
	Transaction <Tx>	[0..1]	±		664
	ProcessingResult <PrcgRslt>	[0..1]	±		665
	AddendumData <AdddmData>	[0..1]	±		666
	ProcessingResult <PrcgRslt>	[0..1]	±		667
	ICCRelatedData <ICCRltdData>	[0..1]	Text		668
	ProtectedData <PrctcdData>	[0..*]	±		668
	SupplementaryData <SplmtryData>	[0..*]	±	C1	671

22.4.2.1 Environment <Envnt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		633
	Originator <Orgtr>	[0..1]	±		634
	Sender <Sndr>	[0..1]	±		635
	Receiver <Rcvr>	[0..1]	±		636
	Acceptor <Accptr>	[0..1]	±		637
	Destination <Dstn>	[0..1]	±		639
	Payer <Pyer>	[0..1]	±		639
	Payee <Pyee>	[0..1]	±		640
	Terminal <Termnl>	[0..1]	±		640
	Issuer <Issr>	[0..1]	±		640
	Card <Card>	[0..1]	±		641
	CustomerDevice <CstmrDvc>	[0..1]	±		642
	Wallet <Wllt>	[0..1]	±		643
	Token <Tkn>	[0..1]	±		644
	Cardholder <Crdhldr>	[0..1]	±		645

22.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

22.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

22.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

22.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

22.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

22.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

22.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

22.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

ISO 8583:87/93/2003 bit 98

Payee <Pyee> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

22.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal4" on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

22.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

22.4.2.1.11 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData6" on page 1397 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

22.4.2.1.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

22.4.2.1.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

22.4.2.1.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

22.4.2.1.15 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

22.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		646
	TransactionContext <TxCntxt>	[1..1]	±		648
	Verification <Vrfctn>	[0..*]	±		650
	RiskContext <RskCntxt>	[0..*]	±		650
	SaleContext <SaleCntxt>	[0..1]	±		651

22.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [1..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

22.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprt>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxIntr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutgInd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApplInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

22.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Contain validation result and/or data to be validated.

Verification <Vrfctn> contains the following elements (see "Verification5" on page 2107 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

22.4.2.2.4 RiskContext <RskCntxt>

Presence: [0..*]

Definition: Context of risk associated with the transaction.

RiskContext <RskCntxt> contains the following elements (see "RiskContext2" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

22.4.2.2.5 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

22.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which a financial process is requested.

Transaction <Tx> contains the following **Transaction145** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		652
	TransactionSubType <TxSubTp>	[0..1]	Text		653
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		653
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		654
	MessageReason <MsgRsn>	[0..*]	CodeSet		654
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		654
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		654
	AdditionalService <AddtlSvc>	[0..*]	±		654
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		655
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		655
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		655
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		655
	TransactionIdentification <TxId>	[1..1]	±		656
	DisputeData <DsptData>	[0..*]	±		656
	TransactionAmounts <TxAmts>	[1..1]	±		657
	AdditionalAmount <AddtlAmt>	[0..*]	±		657
	AdditionalFee <AddtlFee>	[0..*]	±		658
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		658
	DepositDetails <DpstDtls>	[0..*]	±		659
	FundsServices <FndsSvcs>	[0..1]	±		659
	AccountFrom <AcctFr>	[0..1]	±		660
	AccountTo <AcctTo>	[0..1]	±		660
	TransactionDescription <TxDesc>	[0..1]	Text		660
	AdditionalData <AddtlData>	[0..*]			660
	Type <Tp>	[0..1]	Text		661
	Value <Val>	[0..1]	Text		661
	AdditionalInformation <AddtlInf>	[0..1]	±		661

22.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

22.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

22.4.2.3.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..

CodeName	Name	Definition
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

22.4.2.3.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

22.4.2.3.5 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

22.4.2.3.6 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

22.4.2.3.7 PreAuthorisationTimeLimit <PreAuthstnTmLmt>

Presence: [0..1]

Definition: Contains the period (expressed in minutes) within which a merchant is expected to complete the transaction.

ISO8583:1993 and ISO 8583:2003 Bit 57

Datatype: "Max6NumericText" on page 2209

22.4.2.3.8 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see ["AdditionalService2"](#) on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

22.4.2.3.9 AssociatedDataIndicator <AssoctdDataInd>

Presence: [0..1]

Definition: Indicates that additional data will be provided in a separate addendum message.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

22.4.2.3.10 AssociatedDataReference <AssoctdDataRef>

Presence: [0..1]

Definition: Reference to additional transaction details to be conveyed separately from this message.

Datatype: ["Max70Text"](#) on page 2209

22.4.2.3.11 AssociatedDataDestination <AssoctdDataDstn>

Presence: [0..1]

Definition: Destination value to be used in the subsequent addendum message.

Datatype: ["Max35Text"](#) on page 2207

22.4.2.3.12 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfc> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

22.4.2.3.13 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification16" on page 1913 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1914
	LocalTime <LclTm>	[0..1]	Time		1914
	TimeZone <TmZone>	[0..1]	Text		1914
	TransactionReference <TxRef>	[0..1]	Text		1914
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1915
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1915
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1915
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1915
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1915
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1916
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1916
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1916
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1916
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1916

22.4.2.3.14 DisputeData <DsptData>

Presence: [0..*]

Definition: Information about the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

22.4.2.3.15 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "TransactionAmounts2" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

22.4.2.3.16 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

22.4.2.3.17 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

22.4.2.3.18 OriginalAdditionalFee <OrgnlAddtlFee>

Presence: [0..*]

Definition: Fees not included in the original transaction amount.

OriginalAdditionalFee <OrgnlAddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

22.4.2.3.19 DepositDetails <DpstDtls>

Presence: [0..*]

Definition: Contains ATM deposit details.

DepositDetails <DpstDtls> contains the following elements (see "[DepositDetails2](#)" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1691
	OtherType <OthrTp>	[0..1]	Text		1691
	Amount <Amt>	[0..1]	±		1691

22.4.2.3.20 FundsServices <FndsSvcs>

Presence: [0..1]

Definition: Financial services related to the account.

FundsServices <FndsSvcs> contains the following elements (see "[FundingService2](#)" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FundingService <FndgSvc>	[0..1]	±		1929
	FundingSource <FndgSrc>	[0..*]	±		1930
	ClaimInformation <ClmInf>	[0..1]	±		1930

22.4.2.3.21 AccountFrom <AcctFr>*Presence:* [0..1]*Definition:* Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.**AccountFrom <AcctFr>** contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

22.4.2.3.22 AccountTo <AcctTo>*Presence:* [0..1]*Definition:* Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.**AccountTo <AcctTo>** contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

22.4.2.3.23 TransactionDescription <TxDesc>*Presence:* [0..1]*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

ISO 8583:87/93 bit 104

ISO 8583:2003 bit 104-71

Datatype: "[Max1000Text](#)" on page 2201**22.4.2.3.24 AdditionalData <AddtlData>***Presence:* [0..*]*Definition:* Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		661
	Value <Val>	[0..1]	Text		661

22.4.2.3.24.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

22.4.2.3.24.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

22.4.2.3.25 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information related to the chargeback.

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation20" on page 1771 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1771
	OtherRecipient <OthrRcpt>	[0..1]	Text		1772
	Target <Trgt>	[0..*]	CodeSet		1772
	OtherTarget <OthrTrgt>	[0..1]	Text		1772
	Format <Frmt>	[0..1]	CodeSet		1772
	OtherFormat <OthrFrmt>	[0..1]	Text		1773
	Type <Tp>	[0..1]	Text		1773
	Value <Val>	[1..1]	Text		1773

22.4.2.4 OriginalTransaction <OrgnlTx>

Presence: [1..1]

Definition: Contains details of the transaction to be retrieved.

OriginalTransaction <OrgnITx> contains the following **OriginalTransaction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		662
	Context <Cntxt>	[0..1]	±		663
	Transaction <Tx>	[0..1]	±		664
	ProcessingResult <PrcgRslt>	[0..1]	±		665

22.4.2.4.1 Environment <Envt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Environment <Envt> contains the following elements (see "Environment20" on page 1655 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1656
	Originator <Orgtr>	[0..1]	±		1657
	Sender <Sndr>	[0..1]	±		1658
	Receiver <Rcvr>	[0..1]	±		1659
	Acceptor <Accptr>	[0..1]	±		1660
	Destination <Dstrn>	[0..1]	±		1662
	Payer <Pyer>	[0..1]	±		1662
	Payee <Pyee>	[0..1]	±		1663
	Terminal <Termnl>	[0..1]			1663
	TerminalIdentification <TermnllId>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <TermnllIntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctn>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666
	Issuer <Issr>	[0..1]	±		1668
	Card <Card>	[1..1]	±		1668
	CustomerDevice <CstmrDvc>	[0..1]	±		1669
	Wallet <Wlt>	[0..1]	±		1670
	Token <Tkn>	[0..1]	±		1671
	Cardholder <Crdhldr>	[0..1]	±		1672

22.4.2.4.2 Context <Cntxt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Context <Cntxt> contains the following elements (see "Context12" on page 1624 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1625
	TransactionContext <TxCntxt>	[1..1]	±		1627
	Verification <Vrfctn>	[0..*]	±		1629
	RiskContext <RskCntxt>	[0..1]	±		1630
	SaleContext <SaleCntxt>	[0..1]	±		1630

22.4.2.4.3 Transaction <Tx>

Presence: [0..1]

Definition: Contains the original transaction details.

Transaction <Tx> contains the following elements (see "Transaction147" on page 1645 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1646
	TransactionSubType <TxSubTp>	[0..1]	Text		1647
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		1647
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1648
	MessageReason <MsgRsn>	[0..*]	CodeSet		1648
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1648
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1648
	AdditionalService <AddtlSvc>	[0..*]	±		1648
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1649
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1649
	TransactionIdentification <TxId>	[0..1]	±		1649
	DisputeData <DsptData>	[0..*]	±		1650
	TransactionAmounts <TxAmts>	[0..1]	±		1651
	AdditionalAmount <AddtlAmt>	[0..*]	±		1651
	AdditionalFee <AddtlFee>	[0..*]	±		1652
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		1652
	DepositDetails <DpstDtls>	[0..*]	±		1653
	FundsServices <FndsSvcs>	[0..1]	±		1653
	AccountFrom <AcctFr>	[0..1]	±		1654
	AccountTo <AcctTo>	[0..1]	±		1654
	TransactionDescription <TxDesc>	[0..1]	Text		1654
	AdditionalData <AddtlData>	[0..*]			1654
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

22.4.2.4.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Contains the processing results of the transaction to be retrieved.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsltData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2080
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

22.4.2.5 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages.

AddendumData <AdddmData> contains the following elements (see "AddendumData3" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1610
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1611
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1611
	AdditionalAcceptorData <AddtlAccptrData>	[0..1]	±		1611
	Customer <Cstmr>	[0..1]	±		1612
	Sale <Sale>	[0..1]	±		1613
	Fleet <Fleet>	[0..1]	±		1613
	Invoice <Invc>	[0..1]	±		1613
	TravelAgency <TrvlAgcy>	[0..*]	±		1614
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1614
	VehicleRental <VhclRntl>	[0..*]	±		1614
	Lodging <Ldgg>	[0..*]	±		1615
	ShippingData <ShppgData>	[0..1]	±		1615
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1616
	TemporaryServices <TempSvcs>	[0..*]	±		1616
	Instalment <Instlmt>	[0..1]	±		1617
	AdditionalData <AddtlData>	[0..*]			1617
	Type <Tp>	[0..1]	Text		1618
	Value <Val>	[0..1]	Text		1618

22.4.2.6 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Outcome of the processing of the authorisation

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult16" on page 2045 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2045
	ResultData <RsltData>	[0..1]	±		2045
	ApprovalCode <ApprvlCd>	[0..1]	Text		2046
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2046
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2046
	Action <Actn>	[0..*]	±		2047
	AdditionalAction <AddtlActn>	[0..*]	±		2047
	AdditionalInformation <AddtlInf>	[0..*]	±		2048

22.4.2.7 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

22.4.2.8 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

22.4.2.9 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

22.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

23 cain.004.001.03

FinancialResponseV03

23.1 MessageDefinition Functionality

The FinancialResponse message is sent by an issuer or an agent to an acquirer in response to a FinancialInitiation message.

Outline

The FinancialResponseV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the financial response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

23.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FinRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		676
	Body <Body>	[1..1]			676
	Environment <Envt>	[1..1]			678
	Acquirer <Acqrr>	[1..1]	±		679
	Originator <Orgtr>	[0..1]	±		680
	Sender <Sndr>	[0..1]	±		681
	Receiver <Rcvr>	[0..1]	±		682
	Acceptor <Accptr>	[0..1]	±		683
	Destination <Dstn>	[0..1]	±		684
	Terminal <Termnl>	[0..1]	±		685
	Issuer <Issr>	[0..1]	±		685
	Card <Card>	[0..1]	±		686
	Wallet <Wlt>	[0..1]	±		687
	Token <Tkn>	[0..1]	±		688
	Cardholder <Crdhlr>	[0..1]	±		689
	Context <Cntxt>	[1..1]			690
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		690
	TransactionContext <TxCntxt>	[0..1]	±		691
	Verification <Vrfctn>	[0..*]	±		692
	RiskContext <RskCntxt>	[0..1]	±		693
	Transaction <Tx>	[1..1]			693
	TransactionType <TxTp>	[1..1]	CodeSet		694
	TransactionSubType <TxSubTp>	[0..1]	Text		695
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		695
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		696
	MessageReason <MsgRsn>	[0..*]	CodeSet		696
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		696
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		696
	AdditionalService <AddtlSvc>	[0..*]	±		696

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		697
	SpecialProgrammeQualification <SpclPrgrmmQlfcfn>	[0..*]	±		697
	TransactionIdentification <TxId>	[1..1]	±		697
	DisputeData <DsptData>	[1..1]	±		698
	TransactionAmounts <TxAmts>	[1..1]	±		699
	AdditionalAmount <AddtlAmt>	[0..*]	±		699
	AdditionalFee <AddtlFee>	[0..*]	±		700
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		700
	AccountBalance <AcctBal>	[0..*]	±		701
	AccountFrom <AcctFr>	[0..1]	±		701
	AccountTo <AcctTo>	[0..1]	±		702
	TransactionDescription <TxDesc>	[0..1]	Text		702
	AdditionalData <AddtlData>	[0..*]			702
	Type <Tp>	[0..1]	Text		702
	Value <Val>	[0..1]	Text		703
	AdditionalInformation <AddtlInf>	[0..1]	±		703
	AddendumData <AdddmData>	[0..1]	±		703
	ProcessingResult <PrcgRslt>	[1..1]	±		703
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		704
	ProtectedData <PrtctdData>	[0..*]	±		704
	SupplementaryData <SplmtryData>	[0..*]	±	C1	707
	SecurityTrailer <SctyTrlr>	[0..1]	±		707

23.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

23.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

23.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header62" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1745
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1746
	ExchangeIdentification <XchgId>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1746
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1746
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1746
	InitiatingParty <InitgPty>	[1..1]	±		1747
	RecipientParty <RcptPty>	[0..1]	±		1747
	TraceData <TracData>	[0..*]			1748
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748
	Traceability <Tracblt>	[0..*]	±		1748

23.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the financial response.

Body <Body> contains the following **FinancialResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			678
	Acquirer <Acqrr>	[1..1]	±		679
	Originator <Orgtr>	[0..1]	±		680
	Sender <Sndr>	[0..1]	±		681
	Receiver <Rcvr>	[0..1]	±		682
	Acceptor <Accptr>	[0..1]	±		683
	Destination <Dstn>	[0..1]	±		684
	Terminal <Termnl>	[0..1]	±		685
	Issuer <Issr>	[0..1]	±		685
	Card <Card>	[0..1]	±		686
	Wallet <Wlt>	[0..1]	±		687
	Token <Tkn>	[0..1]	±		688
	Cardholder <Crhdldr>	[0..1]	±		689
	Context <Cntxt>	[1..1]			690
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		690
	TransactionContext <TxCntxt>	[0..1]	±		691
	Verification <Vrfctn>	[0..*]	±		692
	RiskContext <RskCntxt>	[0..1]	±		693
	Transaction <Tx>	[1..1]			693
	TransactionType <TxTp>	[1..1]	CodeSet		694
	TransactionSubType <TxSubTp>	[0..1]	Text		695
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		695
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		696
	MessageReason <MsgRsn>	[0..*]	CodeSet		696
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		696
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		696
	AdditionalService <AddtlSvc>	[0..*]	±		696
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		697
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		697
	TransactionIdentification <TxId>	[1..1]	±		697
	DisputeData <DsptData>	[1..1]	±		698

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAmounts <TxAmts>	[1..1]	±		699
	AdditionalAmount <AddtlAmt>	[0..*]	±		699
	AdditionalFee <AddtlFee>	[0..*]	±		700
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		700
	AccountBalance <AcctBal>	[0..*]	±		701
	AccountFrom <AcctFr>	[0..1]	±		701
	AccountTo <AcctTo>	[0..1]	±		702
	TransactionDescription <TxDesc>	[0..1]	Text		702
	AdditionalData <AddtlData>	[0..*]			702
	Type <Tp>	[0..1]	Text		702
	Value <Val>	[0..1]	Text		703
	AdditionalInformation <AddtlInf>	[0..1]	±		703
	AddendumData <AdddmData>	[0..1]	±		703
	ProcessingResult <PrccgRslt>	[1..1]	±		703
	ICCRelatedData <ICCRltdData>	[0..1]	Text		704
	ProtectedData <PrctcdData>	[0..*]	±		704
	SupplementaryData <SplmtryData>	[0..*]	±	C1	707

23.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		679
	Originator <Orgtr>	[0..1]	±		680
	Sender <Sndr>	[0..1]	±		681
	Receiver <Rcvr>	[0..1]	±		682
	Acceptor <Accptr>	[0..1]	±		683
	Destination <Dstn>	[0..1]	±		684
	Terminal <Termnl>	[0..1]	±		685
	Issuer <Issr>	[0..1]	±		685
	Card <Card>	[0..1]	±		686
	Wallet <Wllt>	[0..1]	±		687
	Token <Tkn>	[0..1]	±		688
	Cardholder <Crdhldr>	[0..1]	±		689

23.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Party in a contractual relationship with an acceptor to acquire card payment transactions.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

23.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

23.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

23.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

23.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

23.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

23.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal6" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

23.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

23.4.2.1.9 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData9" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1387
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1387
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1388
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1388
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1388
	Track3 <Trck3>	[0..1]	Text		1388
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1388
	PANAccountRange <PANAcctRg>	[0..1]	Text		1389
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1389
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1389
	CardCurrencyCode <CardCcyCd>	[0..1]	CodeSet	C2	1389
	CardProductType <CardPdctTp>	[0..1]	Text		1389
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1389
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1390
	AdditionalCardData <AddtlCardData>	[0..*]			1390
	Type <Tp>	[0..1]	Text		1390
	Value <Val>	[0..1]	Text		1390

23.4.2.1.10 Wallet <Wllt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

23.4.2.1.11 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

23.4.2.1.12 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

23.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		690
	TransactionContext <TxCntxt>	[0..1]	±		691
	Verification <Vrfctn>	[0..*]	±		692
	RiskContext <RskCntxt>	[0..1]	±		693

23.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext4" on page 1869 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1870
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1871
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1871
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1871
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1872
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1872
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1872
	ECommerceData <EComrcData>	[0..*]			1872
	Type <Tp>	[1..1]	Text		1873
	Value <Val>	[1..1]	Text		1873
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1873
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1873
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1873
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1874
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1874
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1875
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1875
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1876
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1876
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1876
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1876
	StorageLocation <StorgLctn>	[0..1]	Text		1877
	SpecialConditions <SpclConds>	[0..*]			1877
	Identification <Id>	[0..1]	Text		1877
	Value <Val>	[0..1]	Text		1877

23.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "[TransactionContext8](#)" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

23.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "[Verification4](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2106
	OtherType <OthrTp>	[0..1]	Text		2107
	SubType <SubTp>	[0..1]	Text		2107
	AdditionalInformation <AddtlInf>	[0..1]	Text		2107
	VerificationResult <VrfctnRslt>	[0..*]	±		2107

23.4.2.2.4 RiskContext <RskCntxt>

Presence: [0..1]

Definition: Context of risk associated with the transaction.

RiskContext <RskCntxt> contains the following elements (see "[RiskContext2](#)" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

23.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction143** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		694
	TransactionSubType <TxSubTp>	[0..1]	Text		695
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		695
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		696
	MessageReason <MsgRsn>	[0..*]	CodeSet		696
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		696
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		696
	AdditionalService <AddtlSvc>	[0..*]	±		696
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		697
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		697
	TransactionIdentification <TxId>	[1..1]	±		697
	DisputeData <DsptData>	[1..1]	±		698
	TransactionAmounts <TxAmts>	[1..1]	±		699
	AdditionalAmount <AddtlAmt>	[0..*]	±		699
	AdditionalFee <AddtlFee>	[0..*]	±		700
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		700
	AccountBalance <AcctBal>	[0..*]	±		701
	AccountFrom <AcctFr>	[0..1]	±		701
	AccountTo <AcctTo>	[0..1]	±		702
	TransactionDescription <TxDesc>	[0..1]	Text		702
	AdditionalData <AddtlData>	[0..*]			702
	Type <Tp>	[0..1]	Text		702
	Value <Val>	[0..1]	Text		703
	AdditionalInformation <AddtlInf>	[0..1]	±		703

23.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction associated with the main service

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

23.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

23.4.2.3.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).

CodeName	Name	Definition
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

23.4.2.3.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

23.4.2.3.5 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

23.4.2.3.6 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

23.4.2.3.7 PreAuthorisationTimeLimit <PreAuthstnTmLmt>

Presence: [0..1]

Definition: Contains the period (expressed in minutes) within which a merchant is expected to complete the transaction.

Datatype: "Max6NumericText" on page 2209

23.4.2.3.8 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see ["AdditionalService2"](#) on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

23.4.2.3.9 AssociatedDataDestination <AssocdDataDstn>

Presence: [0..1]

Definition: Destination value to be used in the subsequent addendum message.

Datatype: ["Max35Text"](#) on page 2207

23.4.2.3.10 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfcnt> contains the following elements (see ["SpecialProgrammeQualification1"](#) on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

23.4.2.3.11 TransactionIdentification <Txld>

Presence: [1..1]

Definition: Identification of the transaction

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification51" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

23.4.2.3.12 DisputeData <DsptData>

Presence: [1..1]

Definition: Data related to the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

23.4.2.3.13 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "TransactionAmounts2" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

23.4.2.3.14 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

23.4.2.3.15 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

23.4.2.3.16 OriginalAdditionalFee <OrgnlAddtlFee>

Presence: [0..*]

Definition: Fees not included in the original transaction amount.

OriginalAdditionalFee <OrgnlAddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

23.4.2.3.17 AccountBalance <AcctBal>

Presence: [0..*]

Definition: Balance of the account involved in the card transaction.

AccountBalance <AcctBal> contains the following elements (see "[AccountBalance2](#)" on page 1369 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1369
	Balance <Bal>	[0..*]			1369
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1370
	Amount <Amt>	[1..1]	Amount		1370
	Currency <Ccy>	[0..1]	CodeSet	C2	1371
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1371
	CardholderCurrencyIndicator <CrhdldrCcyInd>	[0..1]	Indicator		1371
	BalanceDate <BalDt>	[0..1]	Date		1371

23.4.2.3.18 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

23.4.2.3.19 AccountTo <AcctTo>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.

AccountTo <AcctTo> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

23.4.2.3.20 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

23.4.2.3.21 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		702
	Value <Val>	[0..1]	Text		703

23.4.2.3.21.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

23.4.2.3.21.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

23.4.2.3.22 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information related to the chargeback.

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation20" on page 1771 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1771
	OtherRecipient <OthrRcpt>	[0..1]	Text		1772
	Target <Trgt>	[0..*]	CodeSet		1772
	OtherTarget <OthrTrgt>	[0..1]	Text		1772
	Format <Frmt>	[0..1]	CodeSet		1772
	OtherFormat <OthrFrmt>	[0..1]	Text		1773
	Type <Tp>	[0..1]	Text		1773
	Value <Val>	[1..1]	Text		1773

23.4.2.4 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages.

AddendumData <AdddmData> contains the following elements (see "AddendumData4" on page 1435 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Fleet <Fleet>	[0..1]	±		1435
	Instalment <Instlmt>	[0..1]	±		1436
	AdditionalData <AddtlData>	[0..*]			1436
	Type <Tp>	[0..1]	Text		1436
	Value <Val>	[0..1]	Text		1436

23.4.2.5 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsltData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2080
	ActionRequired <ActnReqr>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

23.4.2.6 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

23.4.2.7 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

23.4.2.8 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

23.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

24 cain.005.001.03

ReversalInitiationV03

24.1 MessageDefinition Functionality

The ReversalInitiation message is sent by an acquirer, an originator or an agent to an issuer to request or advise of the reversal of an authorisation by the issuer. A reversal is a partial or complete nullification of the effects of a previous authorisation, financial presentment or financial accumulation presentment that cannot be processed as instructed (for example, is undeliverable and cancelled or the acquirer timed out waiting for a response).

Outline

The ReversalInitiationV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the reversal of an authorisation or financial transaction.

C. SecurityTrailer

Trailer of the message containing a MAC

24.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RvslInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		712
	Body <Body>	[1..1]			712
	Environment <Envt>	[1..1]			714
	Acquirer <Acqrr>	[1..1]	±		715
	Originator <Orgtr>	[0..1]	±		716
	Sender <Sndr>	[0..1]	±		717
	Receiver <Rcvr>	[0..1]	±		718
	Acceptor <Accptr>	[0..1]	±		719
	Destination <Dstn>	[0..1]	±		721
	Payer <Pyer>	[0..1]	±		721
	Payee <Pyee>	[0..1]	±		722
	Terminal <Termnl>	[0..1]	±		722
	Issuer <Issr>	[0..1]	±		722
	Card <Card>	[1..1]	±		723
	Wallet <Wllt>	[0..1]	±		724
	Token <Tkn>	[0..1]	±		724
	Context <Cntxt>	[0..1]			725
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		725
	TransactionContext <TxCntxt>	[0..1]	±		726
	Transaction <Tx>	[1..1]			727
	TransactionType <TxTp>	[1..1]	CodeSet		728
	TransactionSubType <TxSubTp>	[0..1]	Text		729
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		729
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		730
	MessageReason <MsgRsn>	[0..*]	CodeSet		730
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		730
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		730
	AdditionalService <AddtlSvc>	[0..*]	±		730
	AssociatedDataIndicator <AssocdDataInd>	[0..1]	Indicator		731

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		731
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		731
	SpecialProgrammeQualification <SpclPrgrmmQlfcfn>	[0..*]	±		731
	TransactionIdentification <TxId>	[1..1]	±		732
	DisputeData <DsptData>	[0..*]	±		732
	TransactionAmounts <TxAmts>	[1..1]	±		733
	AdditionalAmount <AddtlAmt>	[0..*]	±		733
	AdditionalFee <AddtlFee>	[0..*]	±		734
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		734
	DepositDetails <DpstDtls>	[0..*]	±		735
	FundsServices <FndsSvcs>	[0..1]	±		735
	AccountFrom <AcctFr>	[0..1]	±		736
	AccountTo <AcctTo>	[0..1]	±		736
	TransactionDescription <TxDesc>	[0..1]	Text		736
	AdditionalData <AddtlData>	[0..*]			736
	Type <Tp>	[0..1]	Text		737
	Value <Val>	[0..1]	Text		737
	ProcessingResult <PrcgRslt>	[0..1]	±		737
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		737
	ProtectedData <PrtctdData>	[0..*]	±		738
	SupplementaryData <SplmtryData>	[0..*]	±	C1	741
	SecurityTrailer <SctyTrlr>	[0..1]	±		741

24.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

24.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

24.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header62" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1745
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1746
	ExchangeIdentification <Xchgld>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1746
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1746
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1746
	InitiatingParty <InitgPty>	[1..1]	±		1747
	RecipientParty <RcptPty>	[0..1]	±		1747
	TraceData <TracData>	[0..*]			1748
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748
	Traceability <Tracblt>	[0..*]	±		1748

24.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the reversal of an authorisation or financial transaction.

Body <Body> contains the following **ReversalInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			714
	Acquirer <Acqrr>	[1..1]	±		715
	Originator <Orgtr>	[0..1]	±		716
	Sender <Sndr>	[0..1]	±		717
	Receiver <Rcvr>	[0..1]	±		718
	Acceptor <Accptr>	[0..1]	±		719
	Destination <Dstn>	[0..1]	±		721
	Payer <Pyer>	[0..1]	±		721
	Payee <Pyee>	[0..1]	±		722
	Terminal <Termnl>	[0..1]	±		722
	Issuer <Issr>	[0..1]	±		722
	Card <Card>	[1..1]	±		723
	Wallet <Wlt>	[0..1]	±		724
	Token <Tkn>	[0..1]	±		724
	Context <Cntxt>	[0..1]			725
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		725
	TransactionContext <TxCntxt>	[0..1]	±		726
	Transaction <Tx>	[1..1]			727
	TransactionType <TxTp>	[1..1]	CodeSet		728
	TransactionSubType <TxSubTp>	[0..1]	Text		729
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		729
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		730
	MessageReason <MsgRsn>	[0..*]	CodeSet		730
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		730
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		730
	AdditionalService <AddtlSvc>	[0..*]	±		730
	AssociatedDataIndicator <AssocdDataInd>	[0..1]	Indicator		731
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		731
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		731
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		731
	TransactionIdentification <TxId>	[1..1]	±		732

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DisputeData <DsptData>	[0..*]	±		732
	TransactionAmounts <TxAmts>	[1..1]	±		733
	AdditionalAmount <AddtlAmt>	[0..*]	±		733
	AdditionalFee <AddtlFee>	[0..*]	±		734
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		734
	DepositDetails <DpstDtls>	[0..*]	±		735
	FundsServices <FndsSvcs>	[0..1]	±		735
	AccountFrom <AcctFr>	[0..1]	±		736
	AccountTo <AcctTo>	[0..1]	±		736
	TransactionDescription <TxDesc>	[0..1]	Text		736
	AdditionalData <AddtlData>	[0..*]			736
	Type <Tp>	[0..1]	Text		737
	Value <Val>	[0..1]	Text		737
	ProcessingResult <PrcgRslt>	[0..1]	±		737
	ICCRelatedData <ICCRltdData>	[0..1]	Text		737
	ProtectedData <PrtctdData>	[0..*]	±		738
	SupplementaryData <SplmtryData>	[0..*]	±	C1	741

24.4.2.1 Environment <Env>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		715
	Originator <Orgtr>	[0..1]	±		716
	Sender <Sndr>	[0..1]	±		717
	Receiver <Rcvr>	[0..1]	±		718
	Acceptor <Accptr>	[0..1]	±		719
	Destination <Dstn>	[0..1]	±		721
	Payer <Pyer>	[0..1]	±		721
	Payee <Pyee>	[0..1]	±		722
	Terminal <Termnl>	[0..1]	±		722
	Issuer <Issr>	[0..1]	±		722
	Card <Card>	[1..1]	±		723
	Wallet <Wllt>	[0..1]	±		724
	Token <Tkn>	[0..1]	±		724

24.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgrr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

24.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

24.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

24.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

24.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptor> contains the following elements (see "PartyIdentification253" on page 1816 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1818
	Assigner <Assgnr>	[0..1]	Text		1818
	Country <Ctry>	[0..1]	CodeSet		1818
	ShortName <ShrtNm>	[0..1]	Text		1818
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1818
	AdditionalIdentification <AddtlId>	[0..1]	Text		1818
	NameAndLocation <NmAndLctn>	[0..1]	Text		1818
	Address <Adr>	[0..1]	±		1818
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1819
	GeographicLocation <GeogcLctn>	[0..1]	Text		1819
	Email <Email>	[0..1]	Text		1819
	URLAddress <URLAdr>	[0..1]	Text		1819
	PhoneNumber <PhneNb>	[0..1]	Text		1820
	CustomerService <CstmrSvc>	[0..1]	Text		1820
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1820
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1820
	AdditionalData <AddtlData>	[0..*]			1820
	Type <Tp>	[0..1]	Text		1820
	Value <Val>	[0..1]	Text		1821
	LocalData <LclData>	[0..1]			1821
	Language <Lang>	[1..1]	CodeSet		1821
	ShortName <ShrtNm>	[0..1]	Text		1821
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1821
	NameAndLocation <NmAndLctn>	[0..1]	Text		1821
	Address <Adr>	[0..1]	±		1822
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1822
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1822
	AdditionalData <AddtlData>	[0..*]			1822
	Type <Tp>	[0..1]	Text		1823
	Value <Val>	[0..1]	Text		1823

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1823

24.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

24.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "PartyIdentification257" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

24.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

24.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "[Terminal6](#)" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

24.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

24.4.2.1.11 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

24.4.2.1.12 Wallet <Wlt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

24.4.2.1.13 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

24.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Context of the reversal transaction.

Context <Cntxt> contains the following **Context14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		725
	TransactionContext <TxCntxt>	[0..1]	±		726

24.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext5" on page 1861 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1862
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1864
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1864
	ECommerceData <EComrcData>	[0..*]			1865
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1865
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1866
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1866
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1867
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1867
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1868
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1868
	StorageLocation <StorgLctn>	[0..1]	Text		1868
	SpecialConditions <SpclConds>	[0..*]			1868
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869
	AdditionalData <AddtlData>	[0..*]			1869
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

24.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext9" on page 1539 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1540
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1540
	DeferredDeliveryIndicator <DfrdDlvryInd>	[0..1]	Indicator		1541
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1541
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1541
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1541
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1541
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1542
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1542
	AuthenticationOutageIndicator <AuthntcnOutgInd>	[0..1]	Indicator		1542
	CardProgramme <CardPrgrmm>	[0..1]	±		1542
	Jurisdiction <Jursdctn>	[0..1]			1543
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1543
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1543
	SettlementService <SttlmSvc>	[0..1]	±		1543
	Reconciliation <Rcncltn>	[0..1]	±		1544
	CaptureDate <CaptrDt>	[0..1]	Date		1545
	DateAnticipated <DtAntcptd>	[0..1]	Date		1545
	AdditionalData <AddtlData>	[0..*]			1545
	Type <Tp>	[0..1]	Text		1545
	Value <Val>	[0..1]	Text		1545

24.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Reversal initiation transaction.

Transaction <Tx> contains the following **Transaction142** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		728
	TransactionSubType <TxSubTp>	[0..1]	Text		729
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		729
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		730
	MessageReason <MsgRsn>	[0..*]	CodeSet		730
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		730
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		730
	AdditionalService <AddtlSvc>	[0..*]	±		730
	AssociatedDataIndicator <AssoctdDataInd>	[0..1]	Indicator		731
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		731
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		731
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		731
	TransactionIdentification <TxId>	[1..1]	±		732
	DisputeData <DsptData>	[0..*]	±		732
	TransactionAmounts <TxAmts>	[1..1]	±		733
	AdditionalAmount <AddtlAmt>	[0..*]	±		733
	AdditionalFee <AddtlFee>	[0..*]	±		734
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		734
	DepositDetails <DpstDtls>	[0..*]	±		735
	FundsServices <FndsSvcs>	[0..1]	±		735
	AccountFrom <AcctFr>	[0..1]	±		736
	AccountTo <AcctTo>	[0..1]	±		736
	TransactionDescription <TxDesc>	[0..1]	Text		736
	AdditionalData <AddtlData>	[0..*]			736
	Type <Tp>	[0..1]	Text		737
	Value <Val>	[0..1]	Text		737

24.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

Datatype: "ISO8583TransactionTypeCode" on page 2157

24.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

24.4.2.3.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).

CodeName	Name	Definition
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

24.4.2.3.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

24.4.2.3.5 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

24.4.2.3.6 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

24.4.2.3.7 PreAuthorisationTimeLimit <PreAuthstnTmLmt>

Presence: [0..1]

Definition: Contains the period (expressed in minutes) within which a merchant is expected to complete the transaction.

ISO8583:1993 and ISO 8583:2003 Bit 57

Datatype: "Max6NumericText" on page 2209

24.4.2.3.8 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see ["AdditionalService2"](#) on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <RsIt>	[0..1]	CodeSet		1569
	OtherResult <OthrRsIt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

24.4.2.3.9 AssociatedDataIndicator <AssoctdDataInd>

Presence: [0..1]

Definition: Indicates that additional data will be provided in a separate addendum message.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

24.4.2.3.10 AssociatedDataReference <AssoctdDataRef>

Presence: [0..1]

Definition: Reference to additional transaction details to be conveyed separately from this message.

Datatype: ["Max70Text"](#) on page 2209

24.4.2.3.11 AssociatedDataDestination <AssoctdDataDstn>

Presence: [0..1]

Definition: Destination value to be used in the subsequent addendum message.

Datatype: ["Max35Text"](#) on page 2207

24.4.2.3.12 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfc> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

24.4.2.3.13 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification51" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

24.4.2.3.14 DisputeData <DsptData>

Presence: [0..*]

Definition: Information about the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

24.4.2.3.15 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "TransactionAmounts2" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

24.4.2.3.16 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

24.4.2.3.17 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

24.4.2.3.18 OriginalAdditionalFee <OrgnlAddtlFee>

Presence: [0..*]

Definition: Fees not included in the original transaction amount.

OriginalAdditionalFee <OrgnlAddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

24.4.2.3.19 DepositDetails <DpstDtls>

Presence: [0..*]

Definition: Contains ATM deposit details.

DepositDetails <DpstDtls> contains the following elements (see "[DepositDetails2](#)" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1691
	OtherType <OthrTp>	[0..1]	Text		1691
	Amount <Amt>	[0..1]	±		1691

24.4.2.3.20 FundsServices <FndsSvcs>

Presence: [0..1]

Definition: Financial services related to the account.

FundsServices <FndsSvcs> contains the following elements (see "[FundingService2](#)" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FundingService <FndgSvc>	[0..1]	±		1929
	FundingSource <FndgSrc>	[0..*]	±		1930
	ClaimInformation <ClmInf>	[0..1]	±		1930

24.4.2.3.21 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

24.4.2.3.22 AccountTo <AcctTo>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.

AccountTo <AcctTo> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

24.4.2.3.23 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

ISO 8583:87/93 bit 104

ISO 8583:2003 bit 104-71

Datatype: "[Max1000Text](#)" on page 2201

24.4.2.3.24 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		737
	Value <Val>	[0..1]	Text		737

24.4.2.3.24.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

24.4.2.3.24.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

24.4.2.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Outcome of the processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult16" on page 2045 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2045
	ResultData <RsltData>	[0..1]	±		2045
	ApprovalCode <ApprvlCd>	[0..1]	Text		2046
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2046
	ActionRequired <ActnReqr>	[0..1]	Indicator		2046
	Action <Actn>	[0..*]	±		2047
	AdditionalAction <AddtlActn>	[0..*]	±		2047
	AdditionalInformation <AddtlInf>	[0..*]	±		2048

24.4.2.5 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

24.4.2.6 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

24.4.2.7 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

24.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

25 cain.006.001.03 ReversalResponseV03

25.1 MessageDefinition Functionality

The ReversalResponse message is sent by an issuer or an agent to an acquirer in response to a ReversalInitiation message.

Outline

The ReversalResponseV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the reversal of an authorisation or financial transaction.

C. SecurityTrailer

Trailer of the message containing a MAC.

25.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RvslRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		745
	Body <Body>	[1..1]			746
	Environment <Envt>	[1..1]			748
	Acquirer <Acqrr>	[1..1]	±		748
	Originator <Orgtr>	[0..1]	±		749
	Sender <Sndr>	[0..1]	±		750
	Receiver <Rcvr>	[0..1]	±		751
	Acceptor <Accptr>	[0..1]	±		752
	Destination <Dstn>	[0..1]	±		753
	Terminal <Termnl>	[0..1]	±		754
	Issuer <Issr>	[0..1]	±		754
	Card <Card>	[1..1]	±		755
	Token <Tkn>	[0..1]	±		756
	Context <Cntxt>	[1..1]	±		756
	Transaction <Tx>	[1..1]			757
	TransactionType <TxTp>	[1..1]	CodeSet		758
	TransactionSubType <TxSubTp>	[0..1]	Text		758
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		758
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		759
	AdditionalService <AddtlSvc>	[0..*]	±		759
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		760
	TransactionIdentification <TxId>	[1..1]	±		760
	TransactionAmounts <TxAmts>	[1..1]	±		761
	AdditionalAmount <AddtlAmt>	[0..*]	±		761
	AdditionalFee <AddtlFee>	[0..*]	±		762
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		762
	AccountFrom <AcctFr>	[0..1]	±		763
	AccountTo <AcctTo>	[0..1]	±		763
	TransactionDescription <TxDesc>	[0..1]	Text		764

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			764
	Type <Tp>	[0..1]	Text		764
	Value <Val>	[0..1]	Text		764
	ProcessingResult <PrcgRslt>	[1..1]	±		764
	ICCRelatedData <ICCRltdData>	[0..1]	Text		765
	ProtectedData <PrtctdData>	[0..*]	±		765
	SupplementaryData <SplmtryData>	[0..*]	±	C1	768
	SecurityTrailer <SctyTrlr>	[0..1]	±		768

25.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

25.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

25.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header62" on page 1745 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1745
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1746
	ExchangeIdentification <XchgId>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1746
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1746
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1746
	InitiatingParty <InitgPty>	[1..1]	±		1747
	RecipientParty <RcptPty>	[0..1]	±		1747
	TraceData <TracData>	[0..*]			1748
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748
	Traceability <Tracblt>	[0..*]	±		1748

25.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the reversal of an authorisation or financial transaction.

Body <Body> contains the following **ReversalResponse4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			748
	Acquirer <Acqrr>	[1..1]	±		748
	Originator <Orgtr>	[0..1]	±		749
	Sender <Sndr>	[0..1]	±		750
	Receiver <Rcvr>	[0..1]	±		751
	Acceptor <Accptr>	[0..1]	±		752
	Destination <Dstn>	[0..1]	±		753
	Terminal <Termnl>	[0..1]	±		754
	Issuer <Issr>	[0..1]	±		754
	Card <Card>	[1..1]	±		755
	Token <Tkn>	[0..1]	±		756
	Context <Cntxt>	[1..1]	±		756
	Transaction <Tx>	[1..1]			757
	TransactionType <TxTp>	[1..1]	CodeSet		758
	TransactionSubType <TxSubTp>	[0..1]	Text		758
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		758
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		759
	AdditionalService <AddtlSvc>	[0..*]	±		759
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		760
	TransactionIdentification <TxId>	[1..1]	±		760
	TransactionAmounts <TxAmts>	[1..1]	±		761
	AdditionalAmount <AddtlAmt>	[0..*]	±		761
	AdditionalFee <AddtlFee>	[0..*]	±		762
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		762
	AccountFrom <AcctFr>	[0..1]	±		763
	AccountTo <AcctTo>	[0..1]	±		763
	TransactionDescription <TxDesc>	[0..1]	Text		764
	AdditionalData <AddtlData>	[0..*]			764
	Type <Tp>	[0..1]	Text		764
	Value <Val>	[0..1]	Text		764
	ProcessingResult <PrcgRslt>	[1..1]	±		764

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Text		765
	ProtectedData <PrctcdData>	[0..*]	±		765
	SupplementaryData <SplmtryData>	[0..*]	±	C1	768

25.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		748
	Originator <Orgtr>	[0..1]	±		749
	Sender <Sndr>	[0..1]	±		750
	Receiver <Rcvr>	[0..1]	±		751
	Acceptor <Accptr>	[0..1]	±		752
	Destination <Dstn>	[0..1]	±		753
	Terminal <Termnl>	[0..1]	±		754
	Issuer <Issr>	[0..1]	±		754
	Card <Card>	[1..1]	±		755
	Token <Tkn>	[0..1]	±		756

25.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

25.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

25.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

25.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

25.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

25.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

25.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal6" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

25.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

25.4.2.1.9 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrtflIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

25.4.2.1.10 Token <Tkn>*Presence:* [0..1]*Definition:* Details of payment token.**Token <Tkn>** contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

25.4.2.2 Context <Cntxt>*Presence:* [1..1]*Definition:* Context in which the card transaction is performed.

Context <Cntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShipmntInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

25.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Reversal response transaction.

Transaction <Tx> contains the following **Transaction137** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		758
	TransactionSubType <TxSubTp>	[0..1]	Text		758
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		758
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		759
	AdditionalService <AddtlSvc>	[0..*]	±		759
	SpecialProgrammeQualification <SpclPrgrmmQlfcfn>	[0..*]	±		760
	TransactionIdentification <TxId>	[1..1]	±		760
	TransactionAmounts <TxAmts>	[1..1]	±		761
	AdditionalAmount <AddtlAmt>	[0..*]	±		761
	AdditionalFee <AddtlFee>	[0..*]	±		762
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		762
	AccountFrom <AcctFr>	[0..1]	±		763
	AccountTo <AcctTo>	[0..1]	±		763
	TransactionDescription <TxDesc>	[0..1]	Text		764
	AdditionalData <AddtlData>	[0..*]			764
	Type <Tp>	[0..1]	Text		764
	Value <Val>	[0..1]	Text		764

25.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

25.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

25.4.2.3.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

25.4.2.3.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

25.4.2.3.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

25.4.2.3.6 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfcnt> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

25.4.2.3.7 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification51](#)" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

25.4.2.3.8 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "[TransactionAmounts2](#)" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

25.4.2.3.9 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

25.4.2.3.10 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

25.4.2.3.11 OriginalAdditionalFee <OrgnlAddtlFee>

Presence: [0..*]

Definition: Fees not included in the original transaction amount.

OriginalAdditionalFee <OrgnlAddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

25.4.2.3.12 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

25.4.2.3.13 AccountTo <AcctTo>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.

AccountTo <AcctTo> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

25.4.2.3.14 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

25.4.2.3.15 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		764
	Value <Val>	[0..1]	Text		764

25.4.2.3.15.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

25.4.2.3.15.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

25.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the transaction.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsltData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2080
	ActionRequired <ActnReqr>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

25.4.2.5 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

25.4.2.6 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

25.4.2.7 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

25.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

26 cain.014.001.02

RetrievalFulfilmentInitiationV02

26.1 MessageDefinition Functionality

The RetrievalFulfilmentInitiation message is sent by an acquirer or agent to an issuer to support an issuer's retrieval request.

The RetrievalFulfilmentInitiation message is the activity initiated by the acceptor, the acquirer or the relevant agent to support the issuer who has determined that a transaction information document needs to be examined before a potential chargeback is sent or to satisfy another need of the issuer or the cardholder. Only an issuer or its agent can initiate a retrieval request.

Outline

The RetrievalFulfilmentInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the initiation of a retrieval fulfilment

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

26.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RtrvIFlfmtlnitn>	[1..1]			
	Header <Hdr>	[1..1]	±		772
	Body <Body>	[1..1]			773
	Environment <Envt>	[1..1]			775
	Acquirer <Acqrr>	[1..1]	±		775
	Originator <Orgtr>	[0..1]	±		776
	Sender <Sndr>	[0..1]	±		777
	Receiver <Rcvr>	[0..1]	±		778
	Acceptor <Accptr>	[0..1]	±		779
	Destination <Dstn>	[0..1]	±		781
	Payer <Pyer>	[0..1]	±		781
	Payee <Pyee>	[0..1]	±		782
	Terminal <Termnl>	[0..1]	±		782
	Issuer <Issr>	[0..1]	±		782
	Card <Card>	[1..1]	±		783
	Wallet <Wllt>	[0..1]	±		784
	Token <Tkn>	[0..1]	±		784
	Context <Cntxt>	[1..1]			785
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		785
	TransactionContext <TxCntxt>	[1..1]	±		786
	SaleContext <SaleCntxt>	[0..1]	±		787
	Transaction <Tx>	[0..1]			788
	MessageReason <MsgRsn>	[0..*]	CodeSet		789
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		789
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		789
	TransactionIdentification <TxId>	[1..1]	±		790
	DisputeData <DsptData>	[0..*]	±		790
	RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs>	[0..*]	±		791
	AdditionalFee <AddtlFee>	[0..*]	±		791
	TransactionDescription <TxDesc>	[0..1]	Text		792

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			792
	Type <Tp>	[0..1]	Text		792
	Value <Val>	[0..1]	Text		792
	OriginalTransaction <OrgnlTx>	[0..1]			793
	Environment <Envnt>	[0..1]	±		793
	Context <Cntxt>	[0..1]	±		794
	Transaction <Tx>	[0..1]	±		795
	ProcessingResult <PrpgRslt>	[0..1]	±		796
	ProtectedData <PrctcdData>	[0..*]	±		797
	SupplementaryData <SplmtryData>	[0..*]	±	C1	800
	SecurityTrailer <SctyTrlr>	[0..1]	±		800

26.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

26.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

26.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

26.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of a retrieval fulfilment

Body <Body> contains the following **RetrievalFulfilmentInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			775
	Acquirer <Acqrr>	[1..1]	±		775
	Originator <Orgtr>	[0..1]	±		776
	Sender <Sndr>	[0..1]	±		777
	Receiver <Rcvr>	[0..1]	±		778
	Acceptor <Accptr>	[0..1]	±		779
	Destination <Dstn>	[0..1]	±		781
	Payer <Pyer>	[0..1]	±		781
	Payee <Pyee>	[0..1]	±		782
	Terminal <Termnl>	[0..1]	±		782
	Issuer <Issr>	[0..1]	±		782
	Card <Card>	[1..1]	±		783
	Wallet <Wlft>	[0..1]	±		784
	Token <Tkn>	[0..1]	±		784
	Context <Cntxt>	[1..1]			785
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		785
	TransactionContext <TxCntxt>	[1..1]	±		786
	SaleContext <SaleCntxt>	[0..1]	±		787
	Transaction <Tx>	[0..1]			788
	MessageReason <MsgRsn>	[0..*]	CodeSet		789
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		789
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		789
	TransactionIdentification <TxId>	[1..1]	±		790
	DisputeData <DsptData>	[0..*]	±		790
	RetrievalFulfilmentInstructions <RtrvlFlfmtlnstrs>	[0..*]	±		791
	AdditionalFee <AddtlFee>	[0..*]	±		791
	TransactionDescription <TxDesc>	[0..1]	Text		792
	AdditionalData <AddtlData>	[0..*]			792
	Type <Tp>	[0..1]	Text		792
	Value <Val>	[0..1]	Text		792
	OriginalTransaction <OrgnlTx>	[0..1]			793

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		793
	Context <Cntxt>	[0..1]	±		794
	Transaction <Tx>	[0..1]	±		795
	ProcessingResult <PrcgRslt>	[0..1]	±		796
	ProtectedData <PrctcdData>	[0..*]	±		797
	SupplementaryData <SplmtryData>	[0..*]	±	C1	800

26.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		775
	Originator <Orgtr>	[0..1]	±		776
	Sender <Sndr>	[0..1]	±		777
	Receiver <Rcvr>	[0..1]	±		778
	Acceptor <Accptr>	[0..1]	±		779
	Destination <Dstn>	[0..1]	±		781
	Payer <Pyer>	[0..1]	±		781
	Payee <Pyee>	[0..1]	±		782
	Terminal <Termnl>	[0..1]	±		782
	Issuer <Issr>	[0..1]	±		782
	Card <Card>	[1..1]	±		783
	Wallet <Wlt>	[0..1]	±		784
	Token <Tkn>	[0..1]	±		784

26.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

26.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

26.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

26.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

26.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

26.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

26.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

26.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

26.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see ["Terminal6"](#) on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

26.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

26.4.2.1.11 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrtflIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

26.4.2.1.12 Wallet <Wlt>*Presence:* [0..1]*Definition:* Container for tenders used by the customer to perform the payment transaction.**Wallet <Wlt>** contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

26.4.2.1.13 Token <Tkn>*Presence:* [0..1]*Definition:* Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

26.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context of the transaction.

Context <Cntxt> contains the following **Context15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		785
	TransactionContext <TxCntxt>	[1..1]	±		786
	SaleContext <SaleCntxt>	[0..1]	±		787

26.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext5" on page 1861 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1862
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1864
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1864
	ECommerceData <EComrcData>	[0..*]			1865
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1865
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1866
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1866
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1867
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1867
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1868
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1868
	StorageLocation <StorgLctn>	[0..1]	Text		1868
	SpecialConditions <SpclConds>	[0..*]			1868
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869
	AdditionalData <AddtlData>	[0..*]			1869
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

26.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

26.4.2.2.3 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

26.4.2.3 Transaction <Tx>

Presence: [0..1]

Definition: Original transaction for which a retrieval is requested.

Transaction <Tx> contains the following **Transaction136** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		789
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		789
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		789
	TransactionIdentification <TxId>	[1..1]	±		790
	DisputeData <DsptData>	[0..*]	±		790
	RetrievalFulfilmentInstructions <RtrvlFlfmlInstrs>	[0..*]	±		791
	AdditionalFee <AddtlFee>	[0..*]	±		791
	TransactionDescription <TxDesc>	[0..1]	Text		792
	AdditionalData <AddtlData>	[0..*]			792
	Type <Tp>	[0..1]	Text		792
	Value <Val>	[0..1]	Text		792

26.4.2.3.1 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

26.4.2.3.2 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

26.4.2.3.3 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfctn> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

26.4.2.3.4 TransactionIdentification <TxId>*Presence:* [1..1]*Definition:* Identification of the transaction.**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

26.4.2.3.5 DisputeData <DsptData>*Presence:* [0..*]*Definition:* Data related to the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

26.4.2.3.6 RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs>

Presence: [0..*]

Definition: Fulfilment request instructions for the retrieval.

RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs> contains the following elements (see "RetrievalFulfilmentInstructions2" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[0..1]			1759
{Or	RequestedMethod <ReqdMtd>	[0..*]	Text		1759
Or	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1759
Or}	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1759
	DeliveryInformation <DlvryInf>	[0..1]	±		1760
	AdditionalInformation <AddtlInf>	[0..1]	±		1760

26.4.2.3.7 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

26.4.2.3.8 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

26.4.2.3.9 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		792
	Value <Val>	[0..1]	Text		792

26.4.2.3.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

26.4.2.3.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

26.4.2.4 OriginalTransaction <OrgnlTx>

Presence: [0..1]

Definition: Original transaction for which a retrieval is requested.

OriginalTransaction <OrgnlTx> contains the following **OriginalTransaction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		793
	Context <Cntxt>	[0..1]	±		794
	Transaction <Tx>	[0..1]	±		795
	ProcessingResult <PrccgRslt>	[0..1]	±		796

26.4.2.4.1 Environment <Envt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Environment <Envt> contains the following elements (see "Environment20" on page 1655 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1656
	Originator <Orgtr>	[0..1]	±		1657
	Sender <Sndr>	[0..1]	±		1658
	Receiver <Rcvr>	[0..1]	±		1659
	Acceptor <Accptr>	[0..1]	±		1660
	Destination <Dstrn>	[0..1]	±		1662
	Payer <Pyer>	[0..1]	±		1662
	Payee <Pyee>	[0..1]	±		1663
	Terminal <Termnl>	[0..1]			1663
	TerminalIdentification <Termnllld>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <Termnllntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctn>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666
	Issuer <Issr>	[0..1]	±		1668
	Card <Card>	[1..1]	±		1668
	CustomerDevice <CstmrDvc>	[0..1]	±		1669
	Wallet <Wlt>	[0..1]	±		1670
	Token <Tkn>	[0..1]	±		1671
	Cardholder <Crdhldr>	[0..1]	±		1672

26.4.2.4.2 Context <Cntxt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Context <Cntxt> contains the following elements (see "Context12" on page 1624 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1625
	TransactionContext <TxCntxt>	[1..1]	±		1627
	Verification <Vrfctn>	[0..*]	±		1629
	RiskContext <RskCntxt>	[0..1]	±		1630
	SaleContext <SaleCntxt>	[0..1]	±		1630

26.4.2.4.3 Transaction <Tx>

Presence: [0..1]

Definition: Contains the original transaction details.

Transaction <Tx> contains the following elements (see "Transaction147" on page 1645 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1646
	TransactionSubType <TxSubTp>	[0..1]	Text		1647
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		1647
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1648
	MessageReason <MsgRsn>	[0..*]	CodeSet		1648
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1648
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1648
	AdditionalService <AddtlSvc>	[0..*]	±		1648
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1649
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1649
	TransactionIdentification <TxId>	[0..1]	±		1649
	DisputeData <DsptData>	[0..*]	±		1650
	TransactionAmounts <TxAmts>	[0..1]	±		1651
	AdditionalAmount <AddtlAmt>	[0..*]	±		1651
	AdditionalFee <AddtlFee>	[0..*]	±		1652
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		1652
	DepositDetails <DpstDtls>	[0..*]	±		1653
	FundsServices <FndsSvcs>	[0..1]	±		1653
	AccountFrom <AcctFr>	[0..1]	±		1654
	AccountTo <AcctTo>	[0..1]	±		1654
	TransactionDescription <TxDesc>	[0..1]	Text		1654
	AdditionalData <AddtlData>	[0..*]			1654
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

26.4.2.4.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Contains the processing results of the transaction to be retrieved.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsltData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2080
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

26.4.2.5 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

26.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

26.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

27 cain.015.001.02 RetrievalFulfilmentResponseV02

27.1 MessageDefinition Functionality

The RetrievalFulfilmentResponse message is sent by an issuer or acquirer to an agent (processor, agent) in response to a RetrievalFulfilmentInitiation message.

Outline

The RetrievalFulfilmentResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the response to the request of a retrieval fulfilment.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

27.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RtrvIFlfmtRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		804
	Body <Body>	[1..1]			805
	Environment <Envt>	[1..1]			807
	Acquirer <Acqrr>	[1..1]	±		807
	Originator <Orgtr>	[0..1]	±		808
	Sender <Sndr>	[0..1]	±		809
	Receiver <Rcvr>	[0..1]	±		810
	Acceptor <Accptr>	[0..1]	±		811
	Destination <Dstn>	[0..1]	±		813
	Payer <Pyer>	[0..1]	±		813
	Payee <Pyee>	[0..1]	±		814
	Terminal <Termnl>	[0..1]	±		814
	Issuer <Issr>	[0..1]	±		814
	Card <Card>	[1..1]	±		815
	Wallet <Wllt>	[0..1]	±		816
	Token <Tkn>	[0..1]	±		816
	Context <Cntxt>	[1..1]			817
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		817
	TransactionContext <TxCntxt>	[1..1]	±		818
	SaleContext <SaleCntxt>	[0..1]	±		819
	Transaction <Tx>	[0..1]			820
	MessageReason <MsgRsn>	[0..*]	CodeSet		821
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		821
	SpecialProgrammeQualification <SpclPrgrmmQlfcfn>	[0..*]	±		821
	TransactionIdentification <TxId>	[1..1]	±		822
	DisputeData <DsptData>	[0..*]	±		822
	RetrievalFulfilmentInstructions <RtrvIFlfmtInstrs>	[0..*]	±		823
	AdditionalFee <AddtlFee>	[0..*]	±		823
	TransactionDescription <TxDesc>	[0..1]	Text		824

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			824
	Type <Tp>	[0..1]	Text		824
	Value <Val>	[0..1]	Text		824
	ProcessingResult <PrcgRslt>	[1..1]	±		825
	ProtectedData <PrtctdData>	[0..*]	±		825
	SupplementaryData <SplmtryData>	[0..*]	±	C1	828
	SecurityTrailer <SctyTrlr>	[0..1]	±		828

27.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

27.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

27.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

27.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the response to the request of a retrieval fulfilment.

Body <Body> contains the following RetrievalFulfilmentResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			807
	Acquirer <Acqrr>	[1..1]	±		807
	Originator <Orgtr>	[0..1]	±		808
	Sender <Sndr>	[0..1]	±		809
	Receiver <Rcvr>	[0..1]	±		810
	Acceptor <Accptr>	[0..1]	±		811
	Destination <Dstn>	[0..1]	±		813
	Payer <Pyer>	[0..1]	±		813
	Payee <Pyee>	[0..1]	±		814
	Terminal <Termnl>	[0..1]	±		814
	Issuer <Issr>	[0..1]	±		814
	Card <Card>	[1..1]	±		815
	Wallet <Wlft>	[0..1]	±		816
	Token <Tkn>	[0..1]	±		816
	Context <Cntxt>	[1..1]			817
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		817
	TransactionContext <TxCntxt>	[1..1]	±		818
	SaleContext <SaleCntxt>	[0..1]	±		819
	Transaction <Tx>	[0..1]			820
	MessageReason <MsgRsn>	[0..*]	CodeSet		821
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		821
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		821
	TransactionIdentification <Txld>	[1..1]	±		822
	DisputeData <DsptData>	[0..*]	±		822
	RetrievalFulfilmentInstructions <RtrvlFlfmlnstrs>	[0..*]	±		823
	AdditionalFee <AddtlFee>	[0..*]	±		823
	TransactionDescription <TxDesc>	[0..1]	Text		824
	AdditionalData <AddtlData>	[0..*]			824
	Type <Tp>	[0..1]	Text		824
	Value <Val>	[0..1]	Text		824
	ProcessingResult <PrcgRslt>	[1..1]	±		825

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedData <PrtctdData>	[0..*]	±		825
	SupplementaryData <SplmtryData>	[0..*]	±	C1	828

27.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		807
	Originator <Orgtr>	[0..1]	±		808
	Sender <Sndr>	[0..1]	±		809
	Receiver <Rcvr>	[0..1]	±		810
	Acceptor <Accpt>	[0..1]	±		811
	Destination <Dstn>	[0..1]	±		813
	Payer <Pyer>	[0..1]	±		813
	Payee <Pyee>	[0..1]	±		814
	Terminal <Termnl>	[0..1]	±		814
	Issuer <Issr>	[0..1]	±		814
	Card <Card>	[1..1]	±		815
	Wallet <Wllt>	[0..1]	±		816
	Token <Tkn>	[0..1]	±		816

27.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

27.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

27.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

27.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

27.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

27.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

27.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

27.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

27.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "[Terminal6](#)" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

27.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

27.4.2.1.11 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrtlIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

27.4.2.1.12 Wallet <Wlt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

27.4.2.1.13 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

27.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context of the transaction.

Context <Cntxt> contains the following **Context15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		817
	TransactionContext <TxCntxt>	[1..1]	±		818
	SaleContext <SaleCntxt>	[0..1]	±		819

27.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext5" on page 1861 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1862
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1864
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1864
	ECommerceData <EComrcData>	[0..*]			1865
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1865
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1866
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1866
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1867
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1867
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1868
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1868
	StorageLocation <StorgLctn>	[0..1]	Text		1868
	SpecialConditions <SpclCnds>	[0..*]			1868
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869
	AdditionalData <AddtlData>	[0..*]			1869
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

27.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

27.4.2.2.3 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

27.4.2.3 Transaction <Tx>

Presence: [0..1]

Definition: Original transaction for which a retrieval is requested.

Transaction <Tx> contains the following **Transaction136** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		821
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		821
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		821
	TransactionIdentification <TxId>	[1..1]	±		822
	DisputeData <DsptData>	[0..*]	±		822
	RetrievalFulfilmentInstructions <RtrvlFlfmlInstrs>	[0..*]	±		823
	AdditionalFee <AddtlFee>	[0..*]	±		823
	TransactionDescription <TxDesc>	[0..1]	Text		824
	AdditionalData <AddtlData>	[0..*]			824
	Type <Tp>	[0..1]	Text		824
	Value <Val>	[0..1]	Text		824

27.4.2.3.1 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

27.4.2.3.2 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

27.4.2.3.3 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfctn> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

27.4.2.3.4 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

27.4.2.3.5 DisputeData <DsptData>

Presence: [0..*]

Definition: Data related to the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

27.4.2.3.6 RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs>

Presence: [0..*]

Definition: Fulfilment request instructions for the retrieval.

RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs> contains the following elements (see "RetrievalFulfilmentInstructions2" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[0..1]			1759
{Or	RequestedMethod <ReqdMtd>	[0..*]	Text		1759
Or	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1759
Or}	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1759
	DeliveryInformation <DlvryInf>	[0..1]	±		1760
	AdditionalInformation <AddtlInf>	[0..1]	±		1760

27.4.2.3.7 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

27.4.2.3.8 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

27.4.2.3.9 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		824
	Value <Val>	[0..1]	Text		824

27.4.2.3.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

27.4.2.3.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

27.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

27.4.2.5 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

27.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

27.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

28 cain.016.001.02 InquiryInitiationV02

28.1 MessageDefinition Functionality

The InquiryInitiation message is sent by an acquirer or agent to an issuer to request information related to the card (e.g. about a cardholder, the availability of funds, etc.).

Outline

The InquiryInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Information related to the management of the protocol.
- B. Body
Information related to the inquiry initiation.
- C. SecurityTrailer
Trailer of the message containing a MAC

28.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <NqryInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		832
	Body <Body>	[1..1]			833
	Environment <Envnt>	[1..1]			835
	Acquirer <Acqrr>	[1..1]	±		836
	Originator <Orgtr>	[0..1]	±		836
	Sender <Sndr>	[0..1]	±		837
	Receiver <Rcvr>	[0..1]	±		838
	Acceptor <Accptr>	[1..1]	±		839
	Destination <Dstn>	[0..1]	±		841
	Terminal <Termnl>	[0..1]	±		841
	Issuer <Issr>	[0..1]	±		842
	Card <Card>	[0..1]	±		843
	CustomerDevice <CstmrDvc>	[0..1]	±		843
	Wallet <Wllt>	[0..1]	±		844
	Token <Tkn>	[0..1]	±		845
	Cardholder <Crdhldr>	[0..1]	±		846
	Context <Cntxt>	[1..1]			847
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		847
	TransactionContext <TxCntxt>	[1..1]	±		849
	Verification <Vrfctn>	[0..*]	±		851
	RiskContext <RskCntxt>	[0..1]	±		852
	Transaction <Tx>	[1..1]			852
	TransactionType <TxTp>	[1..1]	CodeSet		852
	TransactionSubType <TxSubTp>	[0..1]	Text		853
	MessageReason <MsgRsn>	[0..*]	CodeSet		853
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		853
	AdditionalService <AddtlSvc>	[0..*]	±		853
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		853
	TransactionIdentification <TxId>	[1..1]	±		854

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	854
	DetailedAmount <DtldAmt>	[0..*]	±		855
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		855
	AdditionalAmount <AddtlAmt>	[0..*]	±		855
	AdditionalFee <AddtlFee>	[0..*]	±		856
	AccountFrom <AcctFr>	[0..1]	±		856
	TransactionDescription <TxDesc>	[0..1]	Text		857
	AdditionalData <AddtlData>	[0..*]			857
	Type <Tp>	[0..1]	Text		857
	Value <Val>	[0..1]	Text		857
	AddendumData <AdddmData>	[0..1]	±		857
	ProcessingResult <PrcgRslt>	[0..1]	±		858
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		858
	ProtectedData <PrtctdData>	[0..*]	±		858
	SupplementaryData <SplmtryData>	[0..*]	±	C1	861
	SecurityTrailer <SctyTrlr>	[0..1]	±		861

28.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

28.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

28.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <Xchgld>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

28.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the inquiry initiation.

Body <Body> contains the following **InquiryInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			835
	Acquirer <Acqrr>	[1..1]	±		836
	Originator <Orgtr>	[0..1]	±		836
	Sender <Sndr>	[0..1]	±		837
	Receiver <Rcvr>	[0..1]	±		838
	Acceptor <Accptr>	[1..1]	±		839
	Destination <Dstn>	[0..1]	±		841
	Terminal <Termnl>	[0..1]	±		841
	Issuer <Issr>	[0..1]	±		842
	Card <Card>	[0..1]	±		843
	CustomerDevice <CstmrDvc>	[0..1]	±		843
	Wallet <Wlt>	[0..1]	±		844
	Token <Tkn>	[0..1]	±		845
	Cardholder <Crhdldr>	[0..1]	±		846
	Context <Cntxt>	[1..1]			847
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		847
	TransactionContext <TxCntxt>	[1..1]	±		849
	Verification <Vrfctn>	[0..*]	±		851
	RiskContext <RskCntxt>	[0..1]	±		852
	Transaction <Tx>	[1..1]			852
	TransactionType <TxTp>	[1..1]	CodeSet		852
	TransactionSubType <TxSubTp>	[0..1]	Text		853
	MessageReason <MsgRsn>	[0..*]	CodeSet		853
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		853
	AdditionalService <AddtlSvc>	[0..*]	±		853
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		853
	TransactionIdentification <TxId>	[1..1]	±		854
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	854
	DetailedAmount <DtldAmt>	[0..*]	±		855
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		855
	AdditionalAmount <AddtlAmt>	[0..*]	±		855

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalFee <AddtlFee>	[0..*]	±		856
	AccountFrom <AcctFr>	[0..1]	±		856
	TransactionDescription <TxDesc>	[0..1]	Text		857
	AdditionalData <AddtlData>	[0..*]			857
	Type <Tp>	[0..1]	Text		857
	Value <Val>	[0..1]	Text		857
	AddendumData <AdddmData>	[0..1]	±		857
	ProcessingResult <PrpgRslt>	[0..1]	±		858
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		858
	ProtectedData <PrctcdData>	[0..*]	±		858
	SupplementaryData <SplmtryData>	[0..*]	±	C1	861

28.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		836
	Originator <Orgtr>	[0..1]	±		836
	Sender <Sndr>	[0..1]	±		837
	Receiver <Rcvr>	[0..1]	±		838
	Acceptor <Accptr>	[1..1]	±		839
	Destination <Dstn>	[0..1]	±		841
	Terminal <Termnl>	[0..1]	±		841
	Issuer <Issr>	[0..1]	±		842
	Card <Card>	[0..1]	±		843
	CustomerDevice <CstmrDvc>	[0..1]	±		843
	Wallet <Wllt>	[0..1]	±		844
	Token <Tkn>	[0..1]	±		845
	Cardholder <Crdhldr>	[0..1]	±		846

28.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

28.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

28.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

28.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

28.4.2.1.5 Acceptor <Accptr>

Presence: [1..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

28.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

28.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal4" on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

28.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

28.4.2.1.9 Card <Card>*Presence:* [0..1]*Definition:* Card or payment token performing the transaction.**Card <Card>** contains the following elements (see "CardData6" on page 1397 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

28.4.2.1.10 CustomerDevice <CstmrDvc>*Presence:* [0..1]*Definition:* Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

28.4.2.1.11 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

28.4.2.1.12 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

28.4.2.1.13 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

28.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		847
	TransactionContext <TxCntxt>	[1..1]	±		849
	Verification <Vrfctn>	[0..*]	±		851
	RiskContext <RskCntxt>	[0..1]	±		852

28.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLvCtgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

28.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShipmntInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutglnd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApldInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

28.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "Verification5" on page 2107 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

28.4.2.2.4 RiskContext <RskCntxt>*Presence:* [0..1]*Definition:* Context of risk associated with the transaction.**RiskContext <RskCntxt>** contains the following elements (see "RiskContext2" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

28.4.2.3 Transaction <Tx>*Presence:* [1..1]*Definition:* Card transaction for which an authorisation is requested.**Transaction <Tx>** contains the following **Transaction131** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		852
	TransactionSubType <TxSubTp>	[0..1]	Text		853
	MessageReason <MsgRsn>	[0..*]	CodeSet		853
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		853
	AdditionalService <AddtlSvc>	[0..*]	±		853
	SpecialProgrammeQualification <SpclPrgrmmQlfcctn>	[0..*]	±		853
	TransactionIdentification <TxId>	[1..1]	±		854
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	854
	DetailedAmount <DtldAmt>	[0..*]	±		855
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		855
	AdditionalAmount <AddtlAmt>	[0..*]	±		855
	AdditionalFee <AddtlFee>	[0..*]	±		856
	AccountFrom <AcctFr>	[0..1]	±		856
	TransactionDescription <TxDesc>	[0..1]	Text		857
	AdditionalData <AddtlData>	[0..*]			857
	Type <Tp>	[0..1]	Text		857
	Value <Val>	[0..1]	Text		857

28.4.2.3.1 TransactionType <TxTp>*Presence:* [1..1]

Definition: Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

28.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

28.4.2.3.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

28.4.2.3.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

28.4.2.3.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <RsIt>	[0..1]	CodeSet		1569
	OtherResult <OthrRsIt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

28.4.2.3.6 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfcctn> contains the following elements (see "[SpecialProgrammeQualification1](#)" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

28.4.2.3.7 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

28.4.2.3.8 TransactionCurrency <TxCcy>

Presence: [0..1]

Definition: Transaction currency of the acceptor.

ISO 4217

Impacted by: C3 "[ValidationByTable](#)"

Datatype: "[ISO3NumericCurrencyCode](#)" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

28.4.2.3.9 DetailedAmount <DtldAmt>

Presence: [0..*]

Definition: Further details of some or all amounts in the transaction amount.

The detailed amount is used to calculate the reconciliation amount for messages in which the transaction amount is absent.

DetailedAmount <DtldAmt> contains the following elements (see "[DetailedAmount23](#)" on page 1354 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1354
	OtherType <OthrTp>	[0..1]	Text		1354
	Amount <Amt>	[1..1]	±		1355
	Description <Desc>	[0..1]	Text		1355

28.4.2.3.10 ReconciliationAmount <RcncltnAmt>

Presence: [0..1]

Definition: Amount used for reconciliation.

Calculated based on the transaction amount, except when the transaction amount is absent. When transaction amount is absent, the reconciliation amount is calculated on the detailed amount field

ReconciliationAmount <RcncltnAmt> contains the following elements (see "[Amount15](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

28.4.2.3.11 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

28.4.2.3.12 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

28.4.2.3.13 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

28.4.2.3.14 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

28.4.2.3.15 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		857
	Value <Val>	[0..1]	Text		857

28.4.2.3.15.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

28.4.2.3.15.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

28.4.2.4 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages

AddendumData <AddmData> contains the following elements (see ["AddendumData5"](#) on page 1407 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Instalment <Instlmt>	[0..1]	±		1407
	AdditionalData <AddtlData>	[0..*]			1407
	Type <Tp>	[0..1]	Text		1407
	Value <Val>	[0..1]	Text		1408

28.4.2.5 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Result of the inquiry processing.

ISO 8583:87 bit 110

ISO 8583:93 bit 111

ISO 8583:2003 bit 50

ProcessingResult <PrcgRslt> contains the following elements (see ["ProcessingResult11"](#) on page 2073 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultData <RsltData>	[0..1]	±		2073
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2074
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2074
	Action <Actn>	[0..*]	±		2075
	AdditionalAction <AddtlActn>	[0..*]	±		2075
	AdditionalInformation <AddtlInf>	[0..*]	±		2076

28.4.2.6 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: ["Max10KHexBinaryText"](#) on page 2202

28.4.2.7 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

28.4.2.8 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

28.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

29 cain.017.001.02 InquiryResponseV02

29.1 MessageDefinition Functionality

The InquiryResponse message is sent by an issuer or an agent to an acquirer in response to an InquiryInitiation message.

Outline

The InquiryResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the inquiry response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

29.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <NqryRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		865
	Body <Body>	[1..1]			866
	Environment <Envt>	[1..1]			868
	Acquirer <Acqrr>	[1..1]	±		868
	Originator <Orgtr>	[0..1]	±		869
	Sender <Sndr>	[0..1]	±		870
	Receiver <Rcvr>	[0..1]	±		871
	Acceptor <Accptr>	[1..1]	±		872
	Destination <Dstn>	[0..1]	±		874
	Terminal <Termnl>	[0..1]	±		874
	Issuer <Issr>	[0..1]	±		875
	Card <Card>	[1..1]	±		875
	Wallet <Wllt>	[0..1]	±		876
	Token <Tkn>	[0..1]	±		877
	Cardholder <Crdhldr>	[0..1]	±		878
	Context <Cntxt>	[1..1]			879
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		879
	TransactionContext <TxCntxt>	[0..1]	±		880
	Verification <Vrfctn>	[0..*]	±		881
	RiskContext <RskCntxt>	[0..1]	±		882
	Transaction <Tx>	[1..1]			882
	TransactionType <TxTp>	[1..1]	CodeSet		882
	TransactionSubType <TxSubTp>	[0..1]	Text		883
	AdditionalService <AddtlSvc>	[0..*]	±		883
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		883
	TransactionIdentification <Txld>	[1..1]	±		883
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		884
	AdditionalAmount <AddtlAmt>	[0..*]	±		884
	AdditionalFee <AddtlFee>	[0..*]	±		885

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountBalance <AcctBal>	[0..*]	±		885
	AccountStatementData <AcctStmntData>	[0..*]	±		886
	AccountFrom <AcctFr>	[0..1]	±		887
	TransactionDescription <TxDesc>	[0..1]	Text		887
	AdditionalData <AddtlData>	[0..*]			888
	Type <Tp>	[0..1]	Text		888
	Value <Val>	[0..1]	Text		888
	AddendumData <AdddmData>	[0..1]	±		888
	ProcessingResult <PrcgRslt>	[1..1]	±		888
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		889
	ProtectedData <PrtctdData>	[0..*]	±		889
	SupplementaryData <SplmtryData>	[0..*]	±	C1	892
	SecurityTrailer <SctyTrlr>	[0..1]	±		892

29.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

29.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

29.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

29.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the inquiry response.

Body <Body> contains the following **InquiryResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			868
	Acquirer <Acqrr>	[1..1]	±		868
	Originator <Orgtr>	[0..1]	±		869
	Sender <Sndr>	[0..1]	±		870
	Receiver <Rcvr>	[0..1]	±		871
	Acceptor <Accptr>	[1..1]	±		872
	Destination <Dstn>	[0..1]	±		874
	Terminal <Termnl>	[0..1]	±		874
	Issuer <Issr>	[0..1]	±		875
	Card <Card>	[1..1]	±		875
	Wallet <Wlt>	[0..1]	±		876
	Token <Tkn>	[0..1]	±		877
	Cardholder <Crhdldr>	[0..1]	±		878
	Context <Cntxt>	[1..1]			879
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		879
	TransactionContext <TxCntxt>	[0..1]	±		880
	Verification <Vrfctn>	[0..*]	±		881
	RiskContext <RskCntxt>	[0..1]	±		882
	Transaction <Tx>	[1..1]			882
	TransactionType <TxTp>	[1..1]	CodeSet		882
	TransactionSubType <TxSubTp>	[0..1]	Text		883
	AdditionalService <AddtlSvc>	[0..*]	±		883
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		883
	TransactionIdentification <TxId>	[1..1]	±		883
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		884
	AdditionalAmount <AddtlAmt>	[0..*]	±		884
	AdditionalFee <AddtlFee>	[0..*]	±		885
	AccountBalance <AcctBal>	[0..*]	±		885
	AccountStatementData <AcctStmntData>	[0..*]	±		886
	AccountFrom <AcctFr>	[0..1]	±		887
	TransactionDescription <TxDesc>	[0..1]	Text		887

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			888
	Type <Tp>	[0..1]	Text		888
	Value <Val>	[0..1]	Text		888
	AddendumData <AdddmData>	[0..1]	±		888
	ProcessingResult <PrccgRslt>	[1..1]	±		888
	ICCRelatedData <ICCRltdData>	[0..1]	Text		889
	ProtectedData <PrctcdData>	[0..*]	±		889
	SupplementaryData <SplmtryData>	[0..*]	±	C1	892

29.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment24** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		868
	Originator <Orgtr>	[0..1]	±		869
	Sender <Sndr>	[0..1]	±		870
	Receiver <Rcvr>	[0..1]	±		871
	Acceptor <Accptr>	[1..1]	±		872
	Destination <Dstn>	[0..1]	±		874
	Terminal <Termnl>	[0..1]	±		874
	Issuer <Issr>	[0..1]	±		875
	Card <Card>	[1..1]	±		875
	Wallet <Wlft>	[0..1]	±		876
	Token <Tkn>	[0..1]	±		877
	Cardholder <Crdhldr>	[0..1]	±		878

29.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

29.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

29.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

29.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

29.4.2.1.5 Acceptor <Accptr>

Presence: [1..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptor> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

29.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

29.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "[Terminal6](#)" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

29.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

29.4.2.1.9 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData9" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1387
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1387
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1388
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1388
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1388
	Track3 <Trck3>	[0..1]	Text		1388
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1388
	PANAccountRange <PANAcctRg>	[0..1]	Text		1389
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1389
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1389
	CardCurrencyCode <CardCcyCd>	[0..1]	CodeSet	C2	1389
	CardProductType <CardPdctTp>	[0..1]	Text		1389
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1389
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1390
	AdditionalCardData <AddtlCardData>	[0..*]			1390
	Type <Tp>	[0..1]	Text		1390
	Value <Val>	[0..1]	Text		1390

29.4.2.1.10 Wallet <Wllt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

29.4.2.1.11 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

29.4.2.1.12 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Information about the cardholder.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

29.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		879
	TransactionContext <TxCntxt>	[0..1]	±		880
	Verification <Vrfctn>	[0..*]	±		881
	RiskContext <RskCntxt>	[0..1]	±		882

29.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext4" on page 1869 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1870
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1871
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1871
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1871
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1872
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1872
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1872
	ECommerceData <EComrcData>	[0..*]			1872
	Type <Tp>	[1..1]	Text		1873
	Value <Val>	[1..1]	Text		1873
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1873
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1873
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1873
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1874
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1874
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1875
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1875
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1876
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1876
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1876
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1876
	StorageLocation <StorgLctn>	[0..1]	Text		1877
	SpecialConditions <SpclConds>	[0..*]			1877
	Identification <Id>	[0..1]	Text		1877
	Value <Val>	[0..1]	Text		1877

29.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "[TransactionContext8](#)" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

29.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "[Verification4](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2106
	OtherType <OthrTp>	[0..1]	Text		2107
	SubType <SubTp>	[0..1]	Text		2107
	AdditionalInformation <AddtlInf>	[0..1]	Text		2107
	VerificationResult <VrfctnRslt>	[0..*]	±		2107

29.4.2.2.4 RiskContext <RskCntxt>*Presence:* [0..1]*Definition:* Context of risk associated with the transaction.**RiskContext <RskCntxt>** contains the following elements (see "RiskContext2" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

29.4.2.3 Transaction <Tx>*Presence:* [1..1]*Definition:* Card transaction for which an authorisation is requested.**Transaction <Tx>** contains the following **Transaction132** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		882
	TransactionSubType <TxSubTp>	[0..1]	Text		883
	AdditionalService <AddtlSvc>	[0..*]	±		883
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		883
	TransactionIdentification <TxId>	[1..1]	±		883
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		884
	AdditionalAmount <AddtlAmt>	[0..*]	±		884
	AdditionalFee <AddtlFee>	[0..*]	±		885
	AccountBalance <AcctBal>	[0..*]	±		885
	AccountStatementData <AcctStmntData>	[0..*]	±		886
	AccountFrom <AcctFr>	[0..1]	±		887
	TransactionDescription <TxDesc>	[0..1]	Text		887
	AdditionalData <AddtlData>	[0..*]			888
	Type <Tp>	[0..1]	Text		888
	Value <Val>	[0..1]	Text		888

29.4.2.3.1 TransactionType <TxTp>*Presence:* [1..1]*Definition:* Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

29.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

29.4.2.3.3 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

29.4.2.3.4 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfcnt> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

29.4.2.3.5 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

29.4.2.3.6 ReconciliationAmount <RcncltnAmt>

Presence: [0..1]

Definition: Amount used for reconciliation.

Calculated based on the transaction amount, except when the transaction amount is absent. When transaction amount is absent, the reconciliation amount is calculated on the detailed amount field

ReconciliationAmount <RcncltnAmt> contains the following elements (see "[Amount15](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

29.4.2.3.7 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

29.4.2.3.8 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

29.4.2.3.9 AccountBalance <AcctBal>

Presence: [0..*]

Definition: Balance of an account.

AccountBalance <AcctBal> contains the following elements (see "AccountBalance2" on page 1369 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1369
	Balance <Bal>	[0..*]			1369
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1370
	Amount <Amt>	[1..1]	Amount		1370
	Currency <Ccy>	[0..1]	CodeSet	C2	1371
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1371
	CardholderCurrencyIndicator <CrdhldrCcyInd>	[0..1]	Indicator		1371
	BalanceDate <BalDt>	[0..1]	Date		1371

29.4.2.3.10 AccountStatementData <AcctStmtData>

Presence: [0..*]

Definition: Account information of a statement of account.

AccountStatementData <AcctStmtData> contains the following elements (see "AccountStatementData2" on page 1371 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StatementDate <StmntDt>	[0..1]	Date		1372
	StatementTime <StmntTm>	[0..1]	Time		1372
	AccountStatement <AcctStmnt>	[0..*]			1372
	TransactionDate <TxDt>	[1..1]	Date		1373
	PendingIndicator <PdgInd>	[0..1]	Indicator		1373
	TransactionPostingDate <TxPstngDt>	[0..1]	Date		1373
	TransactionAmount <TxAmt>	[0..1]			1374
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1374
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]			1374
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1375
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1375
	AcceptorNameAndLocation <AccptrNmAndLctn>	[0..1]	Text		1375
	ShortTransactionDescription <ShrtTxDesc>	[0..1]	Text		1375
	LongTransactionDescription <LngTxDesc>	[0..1]	Text		1375

29.4.2.3.11 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

29.4.2.3.12 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

29.4.2.3.13 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		888
	Value <Val>	[0..1]	Text		888

29.4.2.3.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

29.4.2.3.13.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

29.4.2.4 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages

AddendumData <AdddmData> contains the following elements (see "AddendumData5" on page 1407 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Instalment <Instlmt>	[0..1]	±		1407
	AdditionalData <AddtlData>	[0..*]			1407
	Type <Tp>	[0..1]	Text		1407
	Value <Val>	[0..1]	Text		1408

29.4.2.5 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Result of the inquiry processing.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult17" on page 2039 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2039
	ResultData <RsltData>	[1..1]	±		2040
	ErrorDetail <ErrDtl>	[0..*]			2040
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2041
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2041
	ErrorCode <ErrCd>	[0..1]	Text		2042
	ErrorDescription <ErrDesc>	[0..1]	Text		2042
	DataElementInError <DataElmtInErr>	[0..*]	Text		2042
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2042
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2042
	Action <Actn>	[0..*]	±		2043
	AdditionalAction <AddtlActn>	[0..*]	±		2043
	AdditionalInformation <AddtlInf>	[0..*]	±		2044

29.4.2.6 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

29.4.2.7 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

29.4.2.8 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

Constraints

- **SupplementaryDataRule**

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

29.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

30 cain.018.001.02

VerificationInitiationV02

30.1 MessageDefinition Functionality

The VerificationInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer). It conveys information to a receiver requiring verification or authentication.

Examples of usages are: authentication of certificates, assurance levels of tokens, certificate management, address verification, account verification and cheque verification. It is also used to inform the receiver of a verification that has been completed on its behalf.

Outline

The VerificationInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the verification initiation.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

30.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <VrfctnInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		897
	Body <Body>	[1..1]			898
	Environment <Envnt>	[1..1]			901
	Acquirer <Acqrr>	[1..1]	±		903
	Originator <Orgtr>	[0..1]	±		903
	Sender <Sndr>	[0..1]	±		904
	Receiver <Rcvr>	[0..1]	±		905
	Acceptor <Accptr>	[0..1]	±		906
	Destination <Dstn>	[0..1]	±		908
	Payer <Pyer>	[0..1]	±		908
	Payee <Pyee>	[0..1]	±		909
	Terminal <Termnl>	[0..1]	±		909
	Issuer <Issr>	[0..1]	±		909
	Card <Card>	[0..1]	±		910
	CustomerDevice <CstmrDvc>	[0..1]	±		911
	Wallet <Wllt>	[0..1]	±		912
	Token <Tkn>	[0..1]			913
	PaymentToken <PmtTkn>	[0..1]	Text		914
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		914
	TokenRequestorIdentification <TknRqstrId>	[0..1]	Text		915
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		915
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		915
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		915
	TokenInitiatedIndicator <TknInittIdnd>	[0..1]	Indicator		915
	StorageLocation <StorgLctn>	[0..1]	CodeSet		915
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		916
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		916
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		916
	OriginalToken <OrgnlTkn>	[0..1]			916

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		917
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		917
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		917
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		917
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		917
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		917
	AdditionalData <AddtlData>	[0..*]			917
	Type <Tp>	[0..1]	Text		918
	Value <Val>	[0..1]	Text		918
	Cardholder <Crhdldr>	[0..1]	±		918
	Context <Cntxt>	[1..1]			918
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		919
	TransactionContext <TxCntxt>	[1..1]	±		921
	Verification <Vrfctn>	[0..*]	±		923
	RiskContext <RskCntxt>	[0..1]	±		924
	Transaction <Tx>	[1..1]			924
	TransactionType <TxTp>	[1..1]	CodeSet		925
	TransactionSubType <TxSubTp>	[0..1]	Text		925
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		926
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		926
	MessageReason <MsgRsn>	[0..*]	CodeSet		927
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		927
	AdditionalService <AddtlSvc>	[0..*]	±		927
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		927
	TransactionIdentification <Txld>	[1..1]	±		928
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	928
	DetailedAmount <DtldAmt>	[0..*]	±		929
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		929
	AdditionalAmount <AddtlAmt>	[0..*]	±		929
	AdditionalFee <AddtlFee>	[0..*]	±		930
	FundsServices <FndsSvcs>	[0..1]	±		930

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountFrom <AcctFr>	[0..1]	±		931
	AccountTo <AcctTo>	[0..1]	±		931
	TransactionDescription <TxDesc>	[0..1]	Text		931
	AdditionalData <AddtlData>	[0..*]			931
	Type <Tp>	[0..1]	Text		932
	Value <Val>	[0..1]	Text		932
	AddendumData <AdddmData>	[0..1]	±		932
	ProcessingResult <PrcgRslt>	[0..1]	±		932
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		933
	ProtectedData <PrtctdData>	[0..*]	±		933
	SupplementaryData <SplmtryData>	[0..*]	±	C1	936
	SecurityTrailer <SctyTrlr>	[0..1]	±		936

30.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

30.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

30.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

30.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the verification initiation.

Body <Body> contains the following **VerificationInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			901
	Acquirer <Acqrr>	[1..1]	±		903
	Originator <Orgtr>	[0..1]	±		903
	Sender <Sndr>	[0..1]	±		904
	Receiver <Rcvr>	[0..1]	±		905
	Acceptor <Accptr>	[0..1]	±		906
	Destination <Dstn>	[0..1]	±		908
	Payer <Pyer>	[0..1]	±		908
	Payee <Pyee>	[0..1]	±		909
	Terminal <Termnl>	[0..1]	±		909
	Issuer <Issr>	[0..1]	±		909
	Card <Card>	[0..1]	±		910
	CustomerDevice <CstmrDvc>	[0..1]	±		911
	Wallet <Wlt>	[0..1]	±		912
	Token <Tkn>	[0..1]			913
	PaymentToken <PmtTkn>	[0..1]	Text		914
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		914
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		915
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		915
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		915
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		915
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		915
	StorageLocation <StorgLctn>	[0..1]	CodeSet		915
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		916
	ProtectionMethod <PrtnMtd>	[0..1]	CodeSet		916
	OtherProtectionMethod <OthrPrtnMtd>	[0..1]	Text		916
	OriginalToken <OrgnlTkn>	[0..1]			916
	PaymentToken <PmtTkn>	[0..1]	Text		917
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		917
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		917
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		917

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		917
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		917
	AdditionalData <AddtlData>	[0..*]			917
	Type <Tp>	[0..1]	Text		918
	Value <Val>	[0..1]	Text		918
	Cardholder <Crhdldr>	[0..1]	±		918
	Context <Cntxt>	[1..1]			918
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		919
	TransactionContext <TxCntxt>	[1..1]	±		921
	Verification <Vrfctn>	[0..*]	±		923
	RiskContext <RskCntxt>	[0..1]	±		924
	Transaction <Tx>	[1..1]			924
	TransactionType <TxTp>	[1..1]	CodeSet		925
	TransactionSubType <TxSubTp>	[0..1]	Text		925
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		926
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		926
	MessageReason <MsgRsn>	[0..*]	CodeSet		927
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		927
	AdditionalService <AddtlSvc>	[0..*]	±		927
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		927
	TransactionIdentification <TxId>	[1..1]	±		928
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	928
	DetailedAmount <DtlAmt>	[0..*]	±		929
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		929
	AdditionalAmount <AddtlAmt>	[0..*]	±		929
	AdditionalFee <AddtlFee>	[0..*]	±		930
	FundsServices <FndsSvcs>	[0..1]	±		930
	AccountFrom <AcctFr>	[0..1]	±		931
	AccountTo <AcctTo>	[0..1]	±		931
	TransactionDescription <TxDesc>	[0..1]	Text		931
	AdditionalData <AddtlData>	[0..*]			931

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		932
	Value <Val>	[0..1]	Text		932
	AddendumData <AdddmData>	[0..1]	±		932
	ProcessingResult <PrcgRslt>	[0..1]	±		932
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		933
	ProtectedData <PrctcdData>	[0..*]	±		933
	SupplementaryData <SplmtryData>	[0..*]	±	C1	936

30.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		903
	Originator <Orgtr>	[0..1]	±		903
	Sender <Sndr>	[0..1]	±		904
	Receiver <Rcvr>	[0..1]	±		905
	Acceptor <Accptr>	[0..1]	±		906
	Destination <Dstn>	[0..1]	±		908
	Payer <Pyer>	[0..1]	±		908
	Payee <Pyee>	[0..1]	±		909
	Terminal <Termnl>	[0..1]	±		909
	Issuer <Issr>	[0..1]	±		909
	Card <Card>	[0..1]	±		910
	CustomerDevice <CstmrDvc>	[0..1]	±		911
	Wallet <Wllt>	[0..1]	±		912
	Token <Tkn>	[0..1]			913
	PaymentToken <PmtTkn>	[0..1]	Text		914
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		914
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		915
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		915
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		915
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		915
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		915
	StorageLocation <StorgLctn>	[0..1]	CodeSet		915
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		916
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		916
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		916
	OriginalToken <OrgnlTkn>	[0..1]			916
	PaymentToken <PmtTkn>	[0..1]	Text		917
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		917
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		917
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		917
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		917

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		917
	AdditionalData <AddtlData>	[0..*]			917
	Type <Tp>	[0..1]	Text		918
	Value <Val>	[0..1]	Text		918
	Cardholder <Crdhldr>	[0..1]	±		918

30.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

30.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

30.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

30.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

30.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

30.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

30.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

30.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

30.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see ["Terminal4"](#) on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnllId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

30.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

30.4.2.1.11 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData6" on page 1397 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

30.4.2.1.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

30.4.2.1.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

30.4.2.1.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following **Token3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		914
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		914
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		915
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		915
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		915
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		915
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		915
	StorageLocation <StorgLctn>	[0..1]	CodeSet		915
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		916
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		916
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		916
	OriginalToken <OrgnlTkn>	[0..1]			916
	PaymentToken <PmtTkn>	[0..1]	Text		917
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		917
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		917
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		917
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		917
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		917
	AdditionalData <AddtlData>	[0..*]			917
	Type <Tp>	[0..1]	Text		918
	Value <Val>	[0..1]	Text		918

30.4.2.1.14.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

30.4.2.1.14.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

30.4.2.1.14.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

30.4.2.1.14.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

30.4.2.1.14.5 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 2206

30.4.2.1.14.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

30.4.2.1.14.7 TokenInitiatedIndicator <TknInittIdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

30.4.2.1.14.8 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of the token.

Datatype: "StorageLocation1Code" on page 2186

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.
ISWL	IssuerWallet	Storage is in wallet managed by Issuer.
ONFL	OnFile	Storage is on file.
OTHN	OtherNational	Code defined by national standards organisation.
OTHP	OtherPrivate	Code defined by private agreement.

CodeName	Name	Definition
TPWL	ThirdPartyWallet	Storage location is in wallet managed by a third party.

30.4.2.1.14.9 OtherStorageLocation <OthrStorgLctn>*Presence:* [0..1]*Definition:* Other private or national storage location code.*Datatype:* "Max35Text" on page 2207**30.4.2.1.14.10 ProtectionMethod <PrctnMtd>***Presence:* [0..1]*Definition:* Method used to protect the token.*Datatype:* "ProtectionMethod1Code" on page 2179

CodeName	Name	Definition
OTHN	OtherNational	Other code assigned by national organisation.
OTHP	OtherPrivate	Other privately assigned code.
SELM	SecureElement	Secure element method.
SNCL	SecureEnclave	Secure enclave method.
SOFT	Software	Software protection method.
TEEN	TrustedExecutionEnvironment	Trusted execution environment method.

30.4.2.1.14.11 OtherProtectionMethod <OthrPrctnMtd>*Presence:* [0..1]*Definition:* Other national or private protection method code.*Datatype:* "Max35Text" on page 2207**30.4.2.1.14.12 OriginalToken <OrgnITkn>***Presence:* [0..1]*Definition:* Original token.**OriginalToken <OrgnITkn>** contains the following **Token4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		917
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		917
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		917
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		917
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		917
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		917

30.4.2.1.14.12.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

30.4.2.1.14.12.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

30.4.2.1.14.12.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

30.4.2.1.14.12.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

30.4.2.1.14.12.5 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 2206

30.4.2.1.14.12.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

30.4.2.1.14.13 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional token data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		918
	Value <Val>	[0..1]	Text		918

30.4.2.1.14.13.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**30.4.2.1.14.13.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**30.4.2.1.15 Cardholder <Crdhldr>***Presence:* [0..1]*Definition:* Cardholder performing the card payment transaction.**Cardholder <Crdhldr>** contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

30.4.2.2 Context <Cntxt>*Presence:* [1..1]*Definition:* Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		919
	TransactionContext <TxCntxt>	[1..1]	±		921
	Verification <Vrfctn>	[0..*]	±		923
	RiskContext <RskCntxt>	[0..1]	±		924

30.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

30.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprt>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxIntr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutgInd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApldInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

30.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "Verification5" on page 2107 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

30.4.2.2.4 RiskContext <RskCntxt>

Presence: [0..1]

Definition: Context of risk associated with the transaction.

RiskContext <RskCntxt> contains the following elements (see "[RiskContext2](#)" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

30.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction146** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		925
	TransactionSubType <TxSubTp>	[0..1]	Text		925
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		926
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		926
	MessageReason <MsgRsn>	[0..*]	CodeSet		927
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		927
	AdditionalService <AddtlSvc>	[0..*]	±		927
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		927
	TransactionIdentification <TxId>	[1..1]	±		928
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	928
	DetailedAmount <DtldAmt>	[0..*]	±		929
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		929
	AdditionalAmount <AddtlAmt>	[0..*]	±		929
	AdditionalFee <AddtlFee>	[0..*]	±		930
	FundsServices <FndsSvcs>	[0..1]	±		930
	AccountFrom <AcctFr>	[0..1]	±		931
	AccountTo <AcctTo>	[0..1]	±		931
	TransactionDescription <TxDesc>	[0..1]	Text		931
	AdditionalData <AddtlData>	[0..*]			931
	Type <Tp>	[0..1]	Text		932
	Value <Val>	[0..1]	Text		932

30.4.2.3.1 TransactionType <TxTp>

Presence: [1..1]

Definition: Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

30.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

30.4.2.3.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

30.4.2.3.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

30.4.2.3.5 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

30.4.2.3.6 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

30.4.2.3.7 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

30.4.2.3.8 SpecialProgrammeQualification <SpclPrgrmmQlfcctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfctn> contains the following elements (see "[SpecialProgrammeQualification1](#)" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

30.4.2.3.9 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

30.4.2.3.10 TransactionCurrency <TxCcy>

Presence: [0..1]

Definition: Transaction currency of the acceptor.

ISO 4217

Impacted by: [C3 "ValidationByTable"](#)

Datatype: "[ISO3NumericCurrencyCode](#)" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

30.4.2.3.11 DetailedAmount <DtldAmt>

Presence: [0..*]

Definition: Further details of some or all amounts in the transaction amount.

The detailed amount is used to calculate the reconciliation amount for messages in which the transaction amount is absent.

DetailedAmount <DtldAmt> contains the following elements (see "[DetailedAmount23](#)" on page 1354 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1354
	OtherType <OthrTp>	[0..1]	Text		1354
	Amount <Amt>	[1..1]	±		1355
	Description <Desc>	[0..1]	Text		1355

30.4.2.3.12 ReconciliationAmount <RcncltnAmt>

Presence: [0..1]

Definition: Amount used for reconciliation.

Calculated based on the transaction amount, except when the transaction amount is absent. When transaction amount is absent, the reconciliation amount is calculated on the detailed amount field

ReconciliationAmount <RcncltnAmt> contains the following elements (see "[Amount15](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

30.4.2.3.13 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

30.4.2.3.14 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

30.4.2.3.15 FundsServices <FndsSvcs>

Presence: [0..1]

Definition: Financial services related to the account.

FundsServices <FndsSvcs> contains the following elements (see "[FundingService2](#)" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FundingService <FndgSvc>	[0..1]	±		1929
	FundingSource <FndgSrc>	[0..*]	±		1930
	ClaimInformation <ClmInf>	[0..1]	±		1930

30.4.2.3.16 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

30.4.2.3.17 AccountTo <AcctTo>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.

AccountTo <AcctTo> contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

30.4.2.3.18 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "[Max1000Text](#)" on page 2201

30.4.2.3.19 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		932
	Value <Val>	[0..1]	Text		932

30.4.2.3.19.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

30.4.2.3.19.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

30.4.2.4 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages

AddendumData <AdddmData> contains the following elements (see "AddendumData5" on page 1407 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Instalment <Instlmt>	[0..1]	±		1407
	AdditionalData <AddtlData>	[0..*]			1407
	Type <Tp>	[0..1]	Text		1407
	Value <Val>	[0..1]	Text		1408

30.4.2.5 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Outcome of the processing of the verification.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult12" on page 2067 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApprovalData <ApprvlData>	[0..1]			2068
	ApprovalEntity <ApprvlNtty>	[0..1]	±		2068
	ApprovalCode <ApprvlCd>	[0..1]	Text		2069
	ResultData <RsltData>	[0..1]			2069
	Result <Rslt>	[0..1]	CodeSet		2069
	OtherResult <OthrRslt>	[0..1]	Text		2070
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2070
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2070
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2070
	Type <Tp>	[0..1]	Text		2070
	Value <Val>	[0..1]	Text		2071
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2071
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2071
	Action <Actn>	[0..*]	±		2071
	AdditionalAction <AddtlActn>	[0..*]	±		2072
	AdditionalInformation <AddtlInf>	[0..*]	±		2072

30.4.2.6 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

30.4.2.7 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

30.4.2.8 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

30.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

31 cain.019.001.02 VerificationResponseV02

31.1 MessageDefinition Functionality

The VerificationResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a VerificationInitiation message.

Outline

The VerificationResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the verification response
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

31.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <VrfctnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		941
	Body <Body>	[1..1]			942
	Environment <Envt>	[1..1]			944
	Acquirer <Acqrr>	[1..1]	±		946
	Originator <Orgtr>	[0..1]	±		946
	Sender <Sndr>	[0..1]	±		947
	Receiver <Rcvr>	[0..1]	±		948
	Acceptor <Accptr>	[0..1]	±		949
	Destination <Dstn>	[0..1]	±		950
	Terminal <Termnl>	[0..1]	±		951
	Issuer <Issr>	[0..1]	±		951
	Card <Card>	[0..1]	±		952
	Wallet <Wllt>	[0..1]	±		953
	Token <Tkn>	[0..1]			954
	PaymentToken <PmtTkn>	[0..1]	Text		955
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		955
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		956
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		956
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		956
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		956
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		956
	StorageLocation <StorgLctn>	[0..1]	CodeSet		956
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		957
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		957
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		957
	OriginalToken <OrgnlTkn>	[0..1]			957
	PaymentToken <PmtTkn>	[0..1]	Text		958
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		958
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		958

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		958
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		958
	TokenReferenceIdentification <TknRefId>	[0..1]	Text		958
	AdditionalData <AddtlData>	[0..*]			958
	Type <Tp>	[0..1]	Text		959
	Value <Val>	[0..1]	Text		959
	Cardholder <Crhdldr>	[0..1]	±		959
	Context <Cntxt>	[1..1]			959
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		960
	TransactionContext <TxCntxt>	[0..1]	±		961
	Verification <Vrfctn>	[0..*]	±		962
	RiskContext <RskCntxt>	[0..1]	±		963
	Transaction <Tx>	[1..1]			963
	TransactionType <TxTp>	[1..1]	CodeSet		963
	TransactionSubType <TxSubTp>	[0..1]	Text		964
	AdditionalService <AddtlSvc>	[0..*]	±		964
	SpecialProgrammeQualification <SpclPrgrmmQlfcctn>	[0..*]	±		964
	TransactionIdentification <TxId>	[1..1]	±		964
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		965
	AdditionalAmount <AddtlAmt>	[0..*]	±		965
	AdditionalFee <AddtlFee>	[0..*]	±		966
	AccountBalance <AcctBal>	[0..*]	±		966
	AccountFrom <AcctFr>	[0..1]	±		967
	TransactionDescription <TxDesc>	[0..1]	Text		967
	AdditionalData <AddtlData>	[0..*]			967
	Type <Tp>	[0..1]	Text		968
	Value <Val>	[0..1]	Text		968
	AddendumData <AdddmData>	[0..1]	±		968
	ProcessingResult <PrcgRslt>	[1..1]	±		968
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		969
	ProtectedData <PrctcdData>	[0..*]	±		969

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C1	973
	SecurityTrailer <SctyTrlr>	[0..1]	±		973

31.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

31.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

31.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "[Header60](#)" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

31.4.2 **Body <Body>**

Presence: [1..1]

Definition: Information related to the verification response

Body <Body> contains the following VerificationResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			944
	Acquirer <Acqrr>	[1..1]	±		946
	Originator <Orgtr>	[0..1]	±		946
	Sender <Sndr>	[0..1]	±		947
	Receiver <Rcvr>	[0..1]	±		948
	Acceptor <Accptr>	[0..1]	±		949
	Destination <Dstn>	[0..1]	±		950
	Terminal <Termnl>	[0..1]	±		951
	Issuer <Issr>	[0..1]	±		951
	Card <Card>	[0..1]	±		952
	Wallet <Wlt>	[0..1]	±		953
	Token <Tkn>	[0..1]			954
	PaymentToken <PmtTkn>	[0..1]	Text		955
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		955
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		956
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		956
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		956
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		956
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		956
	StorageLocation <StorgLctn>	[0..1]	CodeSet		956
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		957
	ProtectionMethod <PrtnMtd>	[0..1]	CodeSet		957
	OtherProtectionMethod <OthrPrtnMtd>	[0..1]	Text		957
	OriginalToken <OrgnlTkn>	[0..1]			957
	PaymentToken <PmtTkn>	[0..1]	Text		958
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		958
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		958
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		958
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		958
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		958
	AdditionalData <AddtlData>	[0..*]			958

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		959
	Value <Val>	[0..1]	Text		959
	Cardholder <Crhdldr>	[0..1]	±		959
	Context <Cntxt>	[1..1]			959
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		960
	TransactionContext <TxCntxt>	[0..1]	±		961
	Verification <Vrfctn>	[0..*]	±		962
	RiskContext <RskCntxt>	[0..1]	±		963
	Transaction <Tx>	[1..1]			963
	TransactionType <TxTp>	[1..1]	CodeSet		963
	TransactionSubType <TxSubTp>	[0..1]	Text		964
	AdditionalService <AddtlSvc>	[0..*]	±		964
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		964
	TransactionIdentification <TxId>	[1..1]	±		964
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		965
	AdditionalAmount <AddtlAmt>	[0..*]	±		965
	AdditionalFee <AddtlFee>	[0..*]	±		966
	AccountBalance <AcctBal>	[0..*]	±		966
	AccountFrom <AcctFr>	[0..1]	±		967
	TransactionDescription <TxDesc>	[0..1]	Text		967
	AdditionalData <AddtlData>	[0..*]			967
	Type <Tp>	[0..1]	Text		968
	Value <Val>	[0..1]	Text		968
	AddendumData <AdddmData>	[0..1]	±		968
	ProcessingResult <PrcgRslt>	[1..1]	±		968
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		969
	ProtectedData <PrctcdData>	[0..*]	±		969
	SupplementaryData <SplmtryData>	[0..*]	±	C1	973

31.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment32** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		946
	Originator <Orgtr>	[0..1]	±		946
	Sender <Sndr>	[0..1]	±		947
	Receiver <Rcvr>	[0..1]	±		948
	Acceptor <Accptr>	[0..1]	±		949
	Destination <Dstn>	[0..1]	±		950
	Terminal <Termnl>	[0..1]	±		951
	Issuer <Issr>	[0..1]	±		951
	Card <Card>	[0..1]	±		952
	Wallet <Wlft>	[0..1]	±		953
	Token <Tkn>	[0..1]			954
	PaymentToken <PmtTkn>	[0..1]	Text		955
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		955
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		956
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		956
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		956
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		956
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		956
	StorageLocation <StorgLctn>	[0..1]	CodeSet		956
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		957
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		957
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		957
	OriginalToken <OrgnlTkn>	[0..1]			957
	PaymentToken <PmtTkn>	[0..1]	Text		958
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		958
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		958
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		958
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		958
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		958
	AdditionalData <AddtlData>	[0..*]			958
	Type <Tp>	[0..1]	Text		959

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		959
	Cardholder <Crdhldr>	[0..1]	±		959

31.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Party in a contractual relationship with an acceptor to acquire card payment transactions.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

31.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

31.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

31.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

31.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

31.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

31.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal6" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

31.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

31.4.2.1.9 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData9" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1387
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1387
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1388
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1388
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1388
	Track3 <Trck3>	[0..1]	Text		1388
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1388
	PANAccountRange <PANAcctRg>	[0..1]	Text		1389
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1389
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1389
	CardCurrencyCode <CardCcyCd>	[0..1]	CodeSet	C2	1389
	CardProductType <CardPdctTp>	[0..1]	Text		1389
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1389
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1390
	AdditionalCardData <AddtlCardData>	[0..*]			1390
	Type <Tp>	[0..1]	Text		1390
	Value <Val>	[0..1]	Text		1390

31.4.2.1.10 Wallet <Wllt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

31.4.2.1.11 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following **Token3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		955
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		955
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		956
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		956
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		956
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		956
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		956
	StorageLocation <StorgLctn>	[0..1]	CodeSet		956
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		957
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		957
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		957
	OriginalToken <OrgnlTkn>	[0..1]			957
	PaymentToken <PmtTkn>	[0..1]	Text		958
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		958
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		958
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		958
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		958
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		958
	AdditionalData <AddtlData>	[0..*]			958
	Type <Tp>	[0..1]	Text		959
	Value <Val>	[0..1]	Text		959

31.4.2.1.11.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

31.4.2.1.11.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

31.4.2.1.11.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

31.4.2.1.11.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

31.4.2.1.11.5 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 2206

31.4.2.1.11.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

31.4.2.1.11.7 TokenInitiatedIndicator <TknInittIdInd>

Presence: [0..1]

Definition: Original transaction was initiated by Token.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

31.4.2.1.11.8 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of the token.

Datatype: "StorageLocation1Code" on page 2186

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.
ISWL	IssuerWallet	Storage is in wallet managed by Issuer.
ONFL	OnFile	Storage is on file.
OTHN	OtherNational	Code defined by national standards organisation.
OTHP	OtherPrivate	Code defined by private agreement.

CodeName	Name	Definition
TPWL	ThirdPartyWallet	Storage location is in wallet managed by a third party.

31.4.2.1.11.9 OtherStorageLocation <OthrStorgLctn>*Presence:* [0..1]*Definition:* Other private or national storage location code.*Datatype:* "Max35Text" on page 2207**31.4.2.1.11.10 ProtectionMethod <PrctnMtd>***Presence:* [0..1]*Definition:* Method used to protect the token.*Datatype:* "ProtectionMethod1Code" on page 2179

CodeName	Name	Definition
OTHN	OtherNational	Other code assigned by national organisation.
OTHP	OtherPrivate	Other privately assigned code.
SELM	SecureElement	Secure element method.
SNCL	SecureEnclave	Secure enclave method.
SOFT	Software	Software protection method.
TEEN	TrustedExecutionEnvironment	Trusted execution environment method.

31.4.2.1.11.11 OtherProtectionMethod <OthrPrctnMtd>*Presence:* [0..1]*Definition:* Other national or private protection method code.*Datatype:* "Max35Text" on page 2207**31.4.2.1.11.12 OriginalToken <OrgnlTkn>***Presence:* [0..1]*Definition:* Original token.**OriginalToken <OrgnlTkn>** contains the following **Token4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		958
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		958
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		958
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		958
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		958
	TokenReferenceIdentification <TknRefld>	[0..1]	Text		958

31.4.2.1.11.12.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

31.4.2.1.11.12.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

31.4.2.1.11.12.3 TokenRequestorIdentification <TknRqstrId>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

31.4.2.1.11.12.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

31.4.2.1.11.12.5 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 2206

31.4.2.1.11.12.6 TokenReferenceIdentification <TknRefId>

Presence: [0..1]

Definition: A reference to the token.

Datatype: "Max35Text" on page 2207

31.4.2.1.11.13 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional token data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		959
	Value <Val>	[0..1]	Text		959

31.4.2.1.11.13.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**31.4.2.1.11.13.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**31.4.2.1.12 Cardholder <Crdhldr>***Presence:* [0..1]*Definition:* Cardholder performing the card payment transaction.**Cardholder <Crdhldr>** contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

31.4.2.2 Context <Cntxt>*Presence:* [1..1]*Definition:* Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		960
	TransactionContext <TxCntxt>	[0..1]	±		961
	Verification <Vrfctn>	[0..*]	±		962
	RiskContext <RskCntxt>	[0..1]	±		963

31.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext4" on page 1869 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1870
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1871
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1871
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1871
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1872
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1872
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1872
	ECommerceData <EComrcData>	[0..*]			1872
	Type <Tp>	[1..1]	Text		1873
	Value <Val>	[1..1]	Text		1873
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1873
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1873
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1873
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1874
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1874
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1875
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1875
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1876
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1876
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1876
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1876
	StorageLocation <StorgLctn>	[0..1]	Text		1877
	SpecialConditions <SpclConds>	[0..*]			1877
	Identification <Id>	[0..1]	Text		1877
	Value <Val>	[0..1]	Text		1877

31.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "[TransactionContext8](#)" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmntInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

31.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "[Verification4](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2106
	OtherType <OthrTp>	[0..1]	Text		2107
	SubType <SubTp>	[0..1]	Text		2107
	AdditionalInformation <AddtlInf>	[0..1]	Text		2107
	VerificationResult <VrfctnRslt>	[0..*]	±		2107

31.4.2.2.4 RiskContext <RskCntxt>*Presence:* [0..1]*Definition:* Context of risk associated with the transaction.**RiskContext <RskCntxt>** contains the following elements (see "[RiskContext2](#)" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

31.4.2.3 Transaction <Tx>*Presence:* [1..1]*Definition:* Card transaction for which an authorisation is requested.**Transaction <Tx>** contains the following **Transaction140** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		963
	TransactionSubType <TxSubTp>	[0..1]	Text		964
	AdditionalService <AddtlSvc>	[0..*]	±		964
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		964
	TransactionIdentification <TxId>	[1..1]	±		964
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		965
	AdditionalAmount <AddtlAmt>	[0..*]	±		965
	AdditionalFee <AddtlFee>	[0..*]	±		966
	AccountBalance <AcctBal>	[0..*]	±		966
	AccountFrom <AcctFr>	[0..1]	±		967
	TransactionDescription <TxDesc>	[0..1]	Text		967
	AdditionalData <AddtlData>	[0..*]			967
	Type <Tp>	[0..1]	Text		968
	Value <Val>	[0..1]	Text		968

31.4.2.3.1 TransactionType <TxTp>*Presence:* [1..1]*Definition:* Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "[ISO8583TransactionTypeCode](#)" on page 2157

31.4.2.3.2 TransactionSubType <TxSubTp>*Presence:* [0..1]*Definition:* Further breakdown of the transaction type being performed.*Datatype:* "Max35Text" on page 2207**31.4.2.3.3 AdditionalService <AddtlSvc>***Presence:* [0..*]*Definition:* Additional functions or services to be performed in conjunction with the transaction.**AdditionalService <AddtlSvc>** contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <RsIt>	[0..1]	CodeSet		1569
	OtherResult <OthrRsIt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

31.4.2.3.4 SpecialProgrammeQualification <SpclPrgrmmQlfctn>*Presence:* [0..*]*Definition:* Data to qualify for incentive or other related programmes.**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

31.4.2.3.5 TransactionIdentification <TxId>*Presence:* [1..1]*Definition:* Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

31.4.2.3.6 ReconciliationAmount <RcncltnAmt>

Presence: [0..1]

Definition: Further details of some or all amounts in the transaction amount.

The detailed amount is used to calculate the reconciliation amount for messages in which the transaction amount is absent.

ReconciliationAmount <RcncltnAmt> contains the following elements (see "[Amount15](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

31.4.2.3.7 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

31.4.2.3.8 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

31.4.2.3.9 AccountBalance <AcctBal>

Presence: [0..*]

Definition: Balance of an account.

AccountBalance <AcctBal> contains the following elements (see "AccountBalance2" on page 1369 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1369
	Balance <Bal>	[0..*]			1369
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1370
	Amount <Amt>	[1..1]	Amount		1370
	Currency <Ccy>	[0..1]	CodeSet	C2	1371
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1371
	CardholderCurrencyIndicator <CrdhldrCcyInd>	[0..1]	Indicator		1371
	BalanceDate <BalDt>	[0..1]	Date		1371

31.4.2.3.10 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

31.4.2.3.11 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

31.4.2.3.12 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		968
	Value <Val>	[0..1]	Text		968

31.4.2.3.12.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

31.4.2.3.12.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

31.4.2.4 AddendumData <AdddmData>

Presence: [0..1]

Definition: Component contains data structures applicable to certain industries that require specific data within transaction messages

AddendumData <AdddmData> contains the following elements (see "AddendumData5" on page 1407 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Instalment <Instlmt>	[0..1]	±		1407
	AdditionalData <AddtlData>	[0..*]			1407
	Type <Tp>	[0..1]	Text		1407
	Value <Val>	[0..1]	Text		1408

31.4.2.5 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the verification.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult18" on page 2031 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2032
	ResultData <RsltData>	[1..1]			2033
	Result <Rslt>	[0..1]	CodeSet		2033
	OtherResult <OthrRslt>	[0..1]	Text		2034
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2034
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2034
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2034
	Type <Tp>	[0..1]	Text		2034
	Value <Val>	[0..1]	Text		2034
	ApprovalCode <ApprvlCd>	[0..1]	Text		2035
	ErrorDetail <ErrDtl>	[0..*]			2035
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2035
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2036
	ErrorCode <ErrCd>	[0..1]	Text		2036
	ErrorDescription <ErrDesc>	[0..1]	Text		2036
	DataElementInError <DataElmtInErr>	[0..*]	Text		2036
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2036
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2037
	Action <Actn>	[0..*]	±		2037
	AdditionalAction <AddtlActn>	[0..*]	±		2038
	AdditionalInformation <AddtlInf>	[0..*]	±		2038

31.4.2.6 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

31.4.2.7 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

31.4.2.8 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

31.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlstnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

32 cain.020.001.02 AmendmentV02

32.1 MessageDefinition Functionality

The Amendment message can be initiated by any party and received by any party (acquirer, agent or issuer).

This message is used to inform the originator that the original message has been corrected/amended and then forwarded to the destination on behalf of the originator. It contains a copy of the original message and any errors found. It may also contain any corrections and/or amendments that were made to the original message.

Outline

The AmendmentV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
Information related to the management of the protocol.
- B. Body
Information related to the Amendment message.
- C. SecurityTrailer
Trailer of the message containing a MAC

32.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <Amdmnt>	[1..1]			
	Header <Hdr>	[1..1]	±		977
	Body <Body>	[1..1]			977
	Environment <Envt>	[1..1]			978
	Originator <Orgtr>	[0..1]	±		979
	Sender <Sndr>	[0..1]	±		979
	Receiver <Rcvr>	[0..1]	±		979
	Destination <Dstn>	[0..1]	±		980
	Context <Cntxt>	[0..1]			980
	TransactionContext <TxCntxt>	[0..1]			981
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		981
	Jurisdiction <Jursdctn>	[0..1]			982
	DomesticIndicator <DmstInd>	[0..1]	Indicator		982
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		982
	SettlementService <SttlmSvc>	[0..1]	±		982
	Reconciliation <Rcncltn>	[0..1]	±		983
	AdditionalData <AddtlData>	[0..*]			983
	Type <Tp>	[0..1]	Text		984
	Value <Val>	[0..1]	Text		984
	Transaction <Tx>	[1..1]			984
	AmendedData <AmddData>	[1..*]	±		984
	TransactionIdentification <TxId>	[1..1]	±		985
	OriginalMessage <OrgnlMsg>	[0..1]	Binary		985
	MessageAmended <MsgAmdd>	[0..1]	Binary		985
	AdditionalData <AddtlData>	[0..*]			986
	Type <Tp>	[0..1]	Text		986
	Value <Val>	[0..1]	Text		986
	ProtectedData <PrtctdData>	[0..*]	±		986
	SupplementaryData <SplmtryData>	[0..*]	±	C1	989
	SecurityTrailer <SctyTrlr>	[0..1]	±		989

32.3 Constraints

C1 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.

32.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

32.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see ["Header65" on page 1736](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1736
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1736
	ExchangeIdentification <XchgId>	[0..1]	Text		1737
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1737
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1737
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1737
	InitiatingParty <InitgPty>	[1..1]	±		1737
	RecipientParty <RcptPty>	[0..1]	±		1738
	TraceData <TracData>	[0..*]			1738
	Type <Tp>	[0..1]	Text		1738
	Value <Val>	[0..1]	Text		1739
	Traceability <Tracblt>	[0..*]	±		1739

32.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the Amendment message.

Body <Body> contains the following **Amendment11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			978
	Originator <Orgtr>	[0..1]	±		979
	Sender <Sndr>	[0..1]	±		979
	Receiver <Rcvr>	[0..1]	±		979
	Destination <Dstn>	[0..1]	±		980
	Context <Cntxt>	[0..1]			980
	TransactionContext <TxCntxt>	[0..1]			981
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		981
	Jurisdiction <Jursdctn>	[0..1]			982
	DomesticIndicator <DmstInd>	[0..1]	Indicator		982
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		982
	SettlementService <SttlmSvc>	[0..1]	±		982
	Reconciliation <Rcncltn>	[0..1]	±		983
	AdditionalData <AddtlData>	[0..*]			983
	Type <Tp>	[0..1]	Text		984
	Value <Val>	[0..1]	Text		984
	Transaction <Tx>	[1..1]			984
	AmendedData <AmddData>	[1..*]	±		984
	TransactionIdentification <TxId>	[1..1]	±		985
	OriginalMessage <OrgnlMsg>	[0..1]	Binary		985
	MessageAmended <MsgAmdd>	[0..1]	Binary		985
	AdditionalData <AddtlData>	[0..*]			986
	Type <Tp>	[0..1]	Text		986
	Value <Val>	[0..1]	Text		986
	ProtectedData <PrctcdData>	[0..*]	±		986
	SupplementaryData <SplmtryData>	[0..*]	±	C1	989

32.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Contains or describes the information pertaining to the actors interacting with the transaction.

Environment <Envt> contains the following **Environment3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		979
	Sender <Sndr>	[0..1]	±		979
	Receiver <Rcvr>	[0..1]	±		979
	Destination <Dstn>	[0..1]	±		980

32.4.2.1.1 Originator <Orgtr>

Presence: [0..1]

Definition: Initiator of the process.

Originator <Orgtr> contains the following elements (see "PartyIdentification197" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1824
	Assigner <Assgnr>	[0..1]	Text		1824
	Country <Ctry>	[0..1]	CodeSet		1824
	ShortName <ShrtNm>	[0..1]	Text		1824
	AdditionalIdentification <AddtlId>	[0..1]	Text		1824

32.4.2.1.2 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification197" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1824
	Assigner <Assgnr>	[0..1]	Text		1824
	Country <Ctry>	[0..1]	CodeSet		1824
	ShortName <ShrtNm>	[0..1]	Text		1824
	AdditionalIdentification <AddtlId>	[0..1]	Text		1824

32.4.2.1.3 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the originator or another intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification197" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1824
	Assigner <Assgnr>	[0..1]	Text		1824
	Country <Ctry>	[0..1]	CodeSet		1824
	ShortName <ShrtNm>	[0..1]	Text		1824
	AdditionalIdentification <AddtlId>	[0..1]	Text		1824

32.4.2.1.4 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the message.

Destination <Dstn> contains the following elements (see "PartyIdentification197" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1824
	Assigner <Assgnr>	[0..1]	Text		1824
	Country <Ctry>	[0..1]	CodeSet		1824
	ShortName <ShrtNm>	[0..1]	Text		1824
	AdditionalIdentification <AddtlId>	[0..1]	Text		1824

32.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			981
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		981
	Jurisdiction <Jursdctn>	[0..1]			982
	DomesticIndicator <DmstInd>	[0..1]	Indicator		982
	DomesticQualification <DmstQlfctn>	[0..1]	Text		982
	SettlementService <SttlmSvc>	[0..1]	±		982
	Reconciliation <Rcncltn>	[0..1]	±		983
	AdditionalData <AddtlData>	[0..*]			983
	Type <Tp>	[0..1]	Text		984
	Value <Val>	[0..1]	Text		984

32.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		981
	Jurisdiction <Jursdctn>	[0..1]			982
	DomesticIndicator <DmstInd>	[0..1]	Indicator		982
	DomesticQualification <DmstQlfctn>	[0..1]	Text		982
	SettlementService <SttlmSvc>	[0..1]	±		982
	Reconciliation <Rcncltn>	[0..1]	±		983
	AdditionalData <AddtlData>	[0..*]			983
	Type <Tp>	[0..1]	Text		984
	Value <Val>	[0..1]	Text		984

32.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

32.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		982
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		982

32.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

32.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

32.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see ["SettlementService4"](#) on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

32.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see ["Reconciliation3"](#) on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

32.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		984
	Value <Val>	[0..1]	Text		984

32.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

32.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

32.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Transaction details of the amendment message.

Transaction <Tx> contains the following **Transaction102** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmendedData <AmddData>	[1..*]	±		984
	TransactionIdentification <TxId>	[1..1]	±		985
	OriginalMessage <OrgnlMsg>	[0..1]	Binary		985
	MessageAmended <MsgAmdd>	[0..1]	Binary		985
	AdditionalData <AddtlData>	[0..*]			986
	Type <Tp>	[0..1]	Text		986
	Value <Val>	[0..1]	Text		986

32.4.2.3.1 AmendedData <AmddData>

Presence: [1..*]

Definition: Detailed description of an error that caused the message to be corrected/amended. Transmitted for further analysis.

AmendedData <AmddData> contains the following elements (see ["DetailedError1"](#) on page 1768 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1769
	Description <Desc>	[1..1]	Text		1769
	Value <Val>	[0..1]	Text		1769

32.4.2.3.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see ["TransactionIdentification10"](#) on page 1902 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDateTime <LclDtTm>	[1..1]	DateTime		1902
	TimeZone <TmZone>	[0..1]	Text		1902
	TransactionReference <TxRef>	[0..1]	Text		1902
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1903
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1903
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1903
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1903
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1903
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1904
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1904
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1904
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1904

32.4.2.3.3 OriginalMessage <OrgnlMsg>

Presence: [0..1]

Definition: Original message before correction/amendment.

Datatype: ["Max100KBinary"](#) on page 2110

32.4.2.3.4 MessageAmended <MsgAmdd>

Presence: [0..1]

Definition: Message amended.

Datatype: ["Max100KBinary"](#) on page 2110

32.4.2.3.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		986
	Value <Val>	[0..1]	Text		986

32.4.2.3.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

32.4.2.3.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

32.4.2.4 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

32.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

32.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlstnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

33 cain.021.001.02 RetrievalInitiationV02

33.1 MessageDefinition Functionality

The RetrievalInitiation message is sent by an issuer or agent to an acquirer to retrieve the original transaction details.

Outline

The RetrievalInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the initiation of a retrieval of information.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

33.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RtrvInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		993
	Body <Body>	[1..1]			994
	Environment <Envnt>	[1..1]			996
	Acquirer <Acqrr>	[1..1]	±		996
	Originator <Orgtr>	[0..1]	±		997
	Sender <Sndr>	[0..1]	±		998
	Receiver <Rcvr>	[0..1]	±		999
	Acceptor <Accptr>	[0..1]	±		1000
	Destination <Dstn>	[0..1]	±		1002
	Payer <Pyer>	[0..1]	±		1002
	Payee <Pyee>	[0..1]	±		1003
	Terminal <Termnl>	[0..1]	±		1003
	Issuer <Issr>	[0..1]	±		1003
	Card <Card>	[1..1]	±		1004
	Wallet <Wllt>	[0..1]	±		1005
	Token <Tkn>	[0..1]	±		1005
	Context <Cntxt>	[1..1]			1006
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1006
	TransactionContext <TxCntxt>	[1..1]	±		1007
	SaleContext <SaleCntxt>	[0..1]	±		1008
	Transaction <Tx>	[0..1]			1009
	MessageReason <MsgRsn>	[0..*]	CodeSet		1010
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1010
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		1010
	TransactionIdentification <TxId>	[1..1]	±		1011
	DisputeData <DsptData>	[0..*]	±		1011
	RetrievalFulfilmentInstructions <RtrvFlfmltInstrs>	[0..*]	±		1012
	AdditionalFee <AddtlFee>	[0..*]	±		1012
	TransactionDescription <TxDesc>	[0..1]	Text		1013

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			1013
	Type <Tp>	[0..1]	Text		1013
	Value <Val>	[0..1]	Text		1013
	OriginalTransaction <OrgnlTx>	[1..1]			1014
	Environment <Envnt>	[0..1]	±		1014
	Context <Cntxt>	[0..1]	±		1015
	Transaction <Tx>	[0..1]	±		1016
	ProcessingResult <PrpgRslt>	[0..1]	±		1017
	ProtectedData <PrtctdData>	[0..*]	±		1018
	RetrievalFulfilmentDestination <RtrvlFlfmtDstn>	[0..1]	±		1021
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1022
	SecurityTrailer <SctyTrlr>	[0..1]	±		1023

33.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

33.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

33.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "Header67" on page 1729 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1729
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1730
	ExchangeIdentification <XchgId>	[0..1]	Text		1730
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1730
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1730
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1730
	InitiatingParty <InitgPty>	[1..1]	±		1731
	RecipientParty <RcptPty>	[0..1]	±		1731
	TraceData <TracData>	[0..*]			1732
	Type <Tp>	[0..1]	Text		1732
	Value <Val>	[0..1]	Text		1732
	Traceability <Tracblt>	[0..*]	±		1732

33.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of a retrieval of information.

Body <Body> contains the following **RetrievalInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			996
	Acquirer <Acqrr>	[1..1]	±		996
	Originator <Orgtr>	[0..1]	±		997
	Sender <Sndr>	[0..1]	±		998
	Receiver <Rcvr>	[0..1]	±		999
	Acceptor <Accptr>	[0..1]	±		1000
	Destination <Dstn>	[0..1]	±		1002
	Payer <Pyer>	[0..1]	±		1002
	Payee <Pyee>	[0..1]	±		1003
	Terminal <Termnl>	[0..1]	±		1003
	Issuer <Issr>	[0..1]	±		1003
	Card <Card>	[1..1]	±		1004
	Wallet <Wlt>	[0..1]	±		1005
	Token <Tkn>	[0..1]	±		1005
	Context <Cntxt>	[1..1]			1006
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1006
	TransactionContext <TxCntxt>	[1..1]	±		1007
	SaleContext <SaleCntxt>	[0..1]	±		1008
	Transaction <Tx>	[0..1]			1009
	MessageReason <MsgRsn>	[0..*]	CodeSet		1010
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1010
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		1010
	TransactionIdentification <TxId>	[1..1]	±		1011
	DisputeData <DsptData>	[0..*]	±		1011
	RetrievalFulfilmentInstructions <RtrvlFlfmlInstrs>	[0..*]	±		1012
	AdditionalFee <AddtlFee>	[0..*]	±		1012
	TransactionDescription <TxDesc>	[0..1]	Text		1013
	AdditionalData <AddtlData>	[0..*]			1013
	Type <Tp>	[0..1]	Text		1013
	Value <Val>	[0..1]	Text		1013
	OriginalTransaction <OrgnlTx>	[1..1]			1014

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		1014
	Context <Cntxt>	[0..1]	±		1015
	Transaction <Tx>	[0..1]	±		1016
	ProcessingResult <PrcgRslt>	[0..1]	±		1017
	ProtectedData <PrtctdData>	[0..*]	±		1018
	RetrievalFulfilmentDestination <RtrvlFlfmtDstn>	[0..1]	±		1021
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1022

33.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		996
	Originator <Orgtr>	[0..1]	±		997
	Sender <Sndr>	[0..1]	±		998
	Receiver <Rcvr>	[0..1]	±		999
	Acceptor <Accptr>	[0..1]	±		1000
	Destination <Dstn>	[0..1]	±		1002
	Payer <Pyer>	[0..1]	±		1002
	Payee <Pyee>	[0..1]	±		1003
	Terminal <Termnl>	[0..1]	±		1003
	Issuer <Issr>	[0..1]	±		1003
	Card <Card>	[1..1]	±		1004
	Wallet <Wllt>	[0..1]	±		1005
	Token <Tkn>	[0..1]	±		1005

33.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

33.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

33.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

33.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

33.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

33.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

33.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

33.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

33.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see ["Terminal6"](#) on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnIId>	[1..1]	±		1860

33.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

33.4.2.1.11 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

33.4.2.1.12 Wallet <Wlt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

33.4.2.1.13 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

33.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context of the transaction.

Context <Cntxt> contains the following **Context15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1006
	TransactionContext <TxCntxt>	[1..1]	±		1007
	SaleContext <SaleCntxt>	[0..1]	±		1008

33.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext5" on page 1861 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1862
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1864
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1864
	ECommerceData <EComrcData>	[0..*]			1865
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1865
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1866
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1866
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1867
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1867
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1868
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1868
	StorageLocation <StorgLctn>	[0..1]	Text		1868
	SpecialConditions <SpclConds>	[0..*]			1868
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869
	AdditionalData <AddtlData>	[0..*]			1869
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

33.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

33.4.2.2.3 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

33.4.2.3 Transaction <Tx>

Presence: [0..1]

Definition: Original transaction for which a retrieval is requested.

Transaction <Tx> contains the following **Transaction136** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		1010
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1010
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1010
	TransactionIdentification <TxId>	[1..1]	±		1011
	DisputeData <DsptData>	[0..*]	±		1011
	RetrievalFulfilmentInstructions <RtrvlFlfmlInstrs>	[0..*]	±		1012
	AdditionalFee <AddtlFee>	[0..*]	±		1012
	TransactionDescription <TxDesc>	[0..1]	Text		1013
	AdditionalData <AddtlData>	[0..*]			1013
	Type <Tp>	[0..1]	Text		1013
	Value <Val>	[0..1]	Text		1013

33.4.2.3.1 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

33.4.2.3.2 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

33.4.2.3.3 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfctn> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

33.4.2.3.4 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

33.4.2.3.5 DisputeData <DsptData>

Presence: [0..*]

Definition: Data related to the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

33.4.2.3.6 RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs>

Presence: [0..*]

Definition: Fulfilment request instructions for the retrieval.

RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs> contains the following elements (see "RetrievalFulfilmentInstructions2" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[0..1]			1759
{Or	RequestedMethod <ReqdMtd>	[0..*]	Text		1759
Or	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1759
Or}	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1759
	DeliveryInformation <DlvryInf>	[0..1]	±		1760
	AdditionalInformation <AddtlInf>	[0..1]	±		1760

33.4.2.3.7 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

33.4.2.3.8 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

33.4.2.3.9 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1013
	Value <Val>	[0..1]	Text		1013

33.4.2.3.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

33.4.2.3.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

33.4.2.4 OriginalTransaction <OrgnlTx>

Presence: [1..1]

Definition: Contains details of the transaction to be retrieved.

OriginalTransaction <OrgnlTx> contains the following **OriginalTransaction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		1014
	Context <Cntxt>	[0..1]	±		1015
	Transaction <Tx>	[0..1]	±		1016
	ProcessingResult <PrccgRsult>	[0..1]	±		1017

33.4.2.4.1 Environment <Envt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Environment <Envt> contains the following elements (see "Environment20" on page 1655 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1656
	Originator <Orgtr>	[0..1]	±		1657
	Sender <Sndr>	[0..1]	±		1658
	Receiver <Rcvr>	[0..1]	±		1659
	Acceptor <Accptr>	[0..1]	±		1660
	Destination <Dstrn>	[0..1]	±		1662
	Payer <Pyer>	[0..1]	±		1662
	Payee <Pyee>	[0..1]	±		1663
	Terminal <Termnl>	[0..1]			1663
	TerminalIdentification <Termnllld>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <Termnllntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctn>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666
	Issuer <Issr>	[0..1]	±		1668
	Card <Card>	[1..1]	±		1668
	CustomerDevice <CstmrDvc>	[0..1]	±		1669
	Wallet <Wlt>	[0..1]	±		1670
	Token <Tkn>	[0..1]	±		1671
	Cardholder <Crdhldr>	[0..1]	±		1672

33.4.2.4.2 Context <Cntxt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Context <Cntxt> contains the following elements (see "Context12" on page 1624 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1625
	TransactionContext <TxCntxt>	[1..1]	±		1627
	Verification <Vrfctn>	[0..*]	±		1629
	RiskContext <RskCntxt>	[0..1]	±		1630
	SaleContext <SaleCntxt>	[0..1]	±		1630

33.4.2.4.3 Transaction <Tx>

Presence: [0..1]

Definition: Contains the original transaction details.

Transaction <Tx> contains the following elements (see "Transaction147" on page 1645 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1646
	TransactionSubType <TxSubTp>	[0..1]	Text		1647
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		1647
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1648
	MessageReason <MsgRsn>	[0..*]	CodeSet		1648
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1648
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1648
	AdditionalService <AddtlSvc>	[0..*]	±		1648
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1649
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1649
	TransactionIdentification <TxId>	[0..1]	±		1649
	DisputeData <DsptData>	[0..*]	±		1650
	TransactionAmounts <TxAmts>	[0..1]	±		1651
	AdditionalAmount <AddtlAmt>	[0..*]	±		1651
	AdditionalFee <AddtlFee>	[0..*]	±		1652
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		1652
	DepositDetails <DpstDtls>	[0..*]	±		1653
	FundsServices <FndsSvcs>	[0..1]	±		1653
	AccountFrom <AcctFr>	[0..1]	±		1654
	AccountTo <AcctTo>	[0..1]	±		1654
	TransactionDescription <TxDesc>	[0..1]	Text		1654
	AdditionalData <AddtlData>	[0..*]			1654
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

33.4.2.4.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Contains the processing results of the transaction to be retrieved.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsltData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2080
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

33.4.2.5 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIdx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

33.4.2.6 RetrievalFulfilmentDestination <RtrvIFlfmtDstn>

Presence: [0..1]

Definition: Destination ID or routing information of Retrieval fulfilment initiation message.

RetrievalFulfilmentDestination <RtrvIfmtDstn> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

33.4.2.7 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

33.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType20](#)" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngh>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

34 cain.022.001.02 RetrievalResponseV02

34.1 MessageDefinition Functionality

The RetrievalResponse message is sent by an acquirer to an issuer or agent in response to an RetrievalInitiation message.

Outline

The RetrievalResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the response to the request of a retrieval of information.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

34.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RtrvIRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1026
	Body <Body>	[1..1]			1027
	Environment <Envt>	[1..1]			1029
	Acquirer <Acqrr>	[1..1]	±		1029
	Originator <Orgtr>	[0..1]	±		1030
	Sender <Sndr>	[0..1]	±		1031
	Receiver <Rcvr>	[0..1]	±		1032
	Acceptor <Accptr>	[0..1]	±		1033
	Destination <Dstn>	[0..1]	±		1035
	Payer <Pyer>	[0..1]	±		1035
	Payee <Pyee>	[0..1]	±		1036
	Terminal <Termnl>	[0..1]	±		1036
	Issuer <Issr>	[0..1]	±		1036
	Card <Card>	[1..1]	±		1037
	Wallet <Wllt>	[0..1]	±		1038
	Token <Tkn>	[0..1]	±		1038
	Context <Cntxt>	[0..1]			1039
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1039
	TransactionContext <TxCntxt>	[1..1]	±		1040
	SaleContext <SaleCntxt>	[0..1]	±		1041
	Transaction <Tx>	[0..1]			1042
	MessageReason <MsgRsn>	[0..*]	CodeSet		1043
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1043
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1043
	TransactionIdentification <TxId>	[1..1]	±		1044
	DisputeData <DsptData>	[0..*]	±		1044
	RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs>	[0..*]	±		1045
	AdditionalFee <AddtlFee>	[0..*]	±		1045
	TransactionDescription <TxDesc>	[0..1]	Text		1046

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			1046
	Type <Tp>	[0..1]	Text		1046
	Value <Val>	[0..1]	Text		1046
	ProcessingResult <PrcgRslt>	[1..1]	±		1047
	ProtectedData <PrtctdData>	[0..*]	±		1047
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1050
	SecurityTrailer <SctyTrlr>	[0..1]	±		1050

34.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

34.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

34.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "Header67" on page 1729 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1729
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1730
	ExchangeIdentification <XchgId>	[0..1]	Text		1730
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1730
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1730
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1730
	InitiatingParty <InitgPty>	[1..1]	±		1731
	RecipientParty <RcptPty>	[0..1]	±		1731
	TraceData <TracData>	[0..*]			1732
	Type <Tp>	[0..1]	Text		1732
	Value <Val>	[0..1]	Text		1732
	Traceability <Tracblt>	[0..*]	±		1732

34.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the response to the request of a retrieval of information.

Body <Body> contains the following **RetrievalResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1029
	Acquirer <Acqrr>	[1..1]	±		1029
	Originator <Orgtr>	[0..1]	±		1030
	Sender <Sndr>	[0..1]	±		1031
	Receiver <Rcvr>	[0..1]	±		1032
	Acceptor <Accptr>	[0..1]	±		1033
	Destination <Dstn>	[0..1]	±		1035
	Payer <Pyer>	[0..1]	±		1035
	Payee <Pyee>	[0..1]	±		1036
	Terminal <Termnl>	[0..1]	±		1036
	Issuer <Issr>	[0..1]	±		1036
	Card <Card>	[1..1]	±		1037
	Wallet <Wlt>	[0..1]	±		1038
	Token <Tkn>	[0..1]	±		1038
	Context <Cntxt>	[0..1]			1039
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1039
	TransactionContext <TxCntxt>	[1..1]	±		1040
	SaleContext <SaleCntxt>	[0..1]	±		1041
	Transaction <Tx>	[0..1]			1042
	MessageReason <MsgRsn>	[0..*]	CodeSet		1043
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1043
	SpecialProgrammeQualification <SpclPrgrmmQlfcnt>	[0..*]	±		1043
	TransactionIdentification <TxId>	[1..1]	±		1044
	DisputeData <DsptData>	[0..*]	±		1044
	RetrievalFulfilmentInstructions <RtrvFlfmlInstrs>	[0..*]	±		1045
	AdditionalFee <AddtlFee>	[0..*]	±		1045
	TransactionDescription <TxDesc>	[0..1]	Text		1046
	AdditionalData <AddtlData>	[0..*]			1046
	Type <Tp>	[0..1]	Text		1046
	Value <Val>	[0..1]	Text		1046
	ProcessingResult <PrcgRslt>	[1..1]	±		1047

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedData <PrtctdData>	[0..*]	±		1047
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1050

34.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		1029
	Originator <Orgtr>	[0..1]	±		1030
	Sender <Sndr>	[0..1]	±		1031
	Receiver <Rcvr>	[0..1]	±		1032
	Acceptor <Accpt>	[0..1]	±		1033
	Destination <Dstn>	[0..1]	±		1035
	Payer <Pyer>	[0..1]	±		1035
	Payee <Pyee>	[0..1]	±		1036
	Terminal <Termnl>	[0..1]	±		1036
	Issuer <Issr>	[0..1]	±		1036
	Card <Card>	[1..1]	±		1037
	Wallet <Wllt>	[0..1]	±		1038
	Token <Tkn>	[0..1]	±		1038

34.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

34.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

34.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

34.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

34.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

34.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

34.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

34.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see ["PartyIdentification257"](#) on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

34.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see ["Terminal6"](#) on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

34.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

34.4.2.1.11 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrtflIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

34.4.2.1.12 Wallet <Wlt>*Presence:* [0..1]*Definition:* Container for tenders used by the customer to perform the payment transaction.**Wallet <Wlt>** contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

34.4.2.1.13 Token <Tkn>*Presence:* [0..1]*Definition:* Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

34.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Context of the transaction.

Context <Cntxt> contains the following **Context15** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1039
	TransactionContext <TxCntxt>	[1..1]	±		1040
	SaleContext <SaleCntxt>	[0..1]	±		1041

34.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext5" on page 1861 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1862
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1864
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1864
	ECommerceData <EComrcData>	[0..*]			1865
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1865
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1866
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1866
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1867
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1867
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1868
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1868
	StorageLocation <StorgLctn>	[0..1]	Text		1868
	SpecialConditions <SpclConds>	[0..*]			1868
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869
	AdditionalData <AddtlData>	[0..*]			1869
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

34.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

34.4.2.2.3 SaleContext <SaleCntxt>

Presence: [0..1]

Definition: Context of the sale associated with the card payment transaction.

SaleContext <SaleCntxt> contains the following elements (see "SaleContext8" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

34.4.2.3 Transaction <Tx>

Presence: [0..1]

Definition: Original transaction for which a retrieval is requested.

Transaction <Tx> contains the following **Transaction136** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		1043
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1043
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1043
	TransactionIdentification <TxId>	[1..1]	±		1044
	DisputeData <DsptData>	[0..*]	±		1044
	RetrievalFulfilmentInstructions <RtrvlFlfmlInstrs>	[0..*]	±		1045
	AdditionalFee <AddtlFee>	[0..*]	±		1045
	TransactionDescription <TxDesc>	[0..1]	Text		1046
	AdditionalData <AddtlData>	[0..*]			1046
	Type <Tp>	[0..1]	Text		1046
	Value <Val>	[0..1]	Text		1046

34.4.2.3.1 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

34.4.2.3.2 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

34.4.2.3.3 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfctn> contains the following elements (see "SpecialProgrammeQualification1" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

34.4.2.3.4 TransactionIdentification <TxId>*Presence:* [1..1]*Definition:* Identification of the transaction.**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification18](#)" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

34.4.2.3.5 DisputeData <DsptData>*Presence:* [0..*]*Definition:* Data related to the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

34.4.2.3.6 RetrievalFulfilmentInstructions <RtrvIFlfmtInstrs>

Presence: [0..*]

Definition: Fulfilment request instructions for the retrieval.

RetrievalFulfilmentInstructions <RtrvIFlfmtInstrs> contains the following elements (see "RetrievalFulfilmentInstructions2" on page 1759 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[0..1]			1759
{Or	RequestedMethod <ReqdMtd>	[0..*]	Text		1759
Or	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1759
Or}	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1759
	DeliveryInformation <DlvryInf>	[0..1]	±		1760
	AdditionalInformation <AddtlInf>	[0..1]	±		1760

34.4.2.3.7 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

34.4.2.3.8 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

34.4.2.3.9 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1046
	Value <Val>	[0..1]	Text		1046

34.4.2.3.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

34.4.2.3.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

34.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

34.4.2.5 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

34.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

34.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

35 cain.023.001.02

CardManagementInitiationV02

35.1 MessageDefinition Functionality

The CardManagementInitiation message is sent by the acquirer to an issuer or agent to fulfil a request initiated by the cardholder at the point of service for an operation on the card account.

Outline

The CardManagementInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the card management initiation.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

35.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <CardMgmtInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		1054
	Body <Body>	[1..1]			1055
	Environment <Envnt>	[1..1]			1057
	Acquirer <Acqrr>	[1..1]	±		1057
	Originator <Orgtr>	[0..1]	±		1058
	Sender <Sndr>	[0..1]	±		1059
	Receiver <Rcvr>	[0..1]	±		1060
	Acceptor <Accptr>	[1..1]	±		1061
	Destination <Dstn>	[0..1]	±		1063
	Terminal <Termnl>	[0..1]	±		1063
	Issuer <Issr>	[0..1]	±		1064
	Card <Card>	[0..1]	±		1065
	CustomerDevice <CstmrDvc>	[0..1]	±		1065
	Wallet <Wlt>	[0..1]	±		1066
	Token <Tkn>	[0..1]	±		1067
	Cardholder <Crdhldr>	[0..1]	±		1068
	Context <Cntxt>	[1..1]			1069
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		1069
	TransactionContext <TxCntxt>	[1..1]	±		1071
	Verification <Vrfctn>	[0..*]	±		1073
	RiskContext <RskCntxt>	[0..1]	±		1074
	Transaction <Tx>	[1..1]			1074
	TransactionType <TxTp>	[1..1]	CodeSet		1074
	TransactionSubType <TxSubTp>	[0..1]	Text		1075
	MessageReason <MsgRsn>	[0..*]	CodeSet		1075
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1075
	AdditionalService <AddtlSvc>	[0..*]	±		1075
	TransactionIdentification <TxId>	[1..1]	±		1075
	NewPINData <NewPINData>	[0..1]	±		1076

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	1077
	DetailedAmount <DtldAmt>	[0..*]	±		1077
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1077
	AdditionalAmount <AddtlAmt>	[0..*]	±		1078
	AdditionalFee <AddtlFee>	[0..*]	±		1078
	AccountFrom <AcctFr>	[0..1]	±		1079
	AccountTo <AcctTo>	[0..1]	±		1079
	AdditionalData <AddtlData>	[0..*]			1080
	Type <Tp>	[0..1]	Text		1080
	Value <Val>	[0..1]	Text		1080
	ProcessingResult <PrcgRslt>	[0..1]	±		1080
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		1080
	ProtectedData <PrtctdData>	[0..*]	±		1081
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1084
	SecurityTrailer <SctyTrlr>	[0..1]	±		1084

35.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

35.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

35.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

35.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the card management initiation.

Body <Body> contains the following **CardManagementInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1057
	Acquirer <Acqrr>	[1..1]	±		1057
	Originator <Orgtr>	[0..1]	±		1058
	Sender <Sndr>	[0..1]	±		1059
	Receiver <Rcvr>	[0..1]	±		1060
	Acceptor <Accptr>	[1..1]	±		1061
	Destination <Dstn>	[0..1]	±		1063
	Terminal <Termnl>	[0..1]	±		1063
	Issuer <Issr>	[0..1]	±		1064
	Card <Card>	[0..1]	±		1065
	CustomerDevice <CstmrDvc>	[0..1]	±		1065
	Wallet <Wlt>	[0..1]	±		1066
	Token <Tkn>	[0..1]	±		1067
	Cardholder <Crhdldr>	[0..1]	±		1068
	Context <Cntxt>	[1..1]			1069
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		1069
	TransactionContext <TxCntxt>	[1..1]	±		1071
	Verification <Vrfctn>	[0..*]	±		1073
	RiskContext <RskCntxt>	[0..1]	±		1074
	Transaction <Tx>	[1..1]			1074
	TransactionType <TxTp>	[1..1]	CodeSet		1074
	TransactionSubType <TxSubTp>	[0..1]	Text		1075
	MessageReason <MsgRsn>	[0..*]	CodeSet		1075
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1075
	AdditionalService <AddtlSvc>	[0..*]	±		1075
	TransactionIdentification <Txld>	[1..1]	±		1075
	NewPINData <NewPINData>	[0..1]	±		1076
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	1077
	DetailedAmount <DtldAmt>	[0..*]	±		1077
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1077
	AdditionalAmount <AddtlAmt>	[0..*]	±		1078

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalFee <AddtlFee>	[0..*]	±		1078
	AccountFrom <AcctFr>	[0..1]	±		1079
	AccountTo <AcctTo>	[0..1]	±		1079
	AdditionalData <AddtlData>	[0..*]			1080
	Type <Tp>	[0..1]	Text		1080
	Value <Val>	[0..1]	Text		1080
	ProcessingResult <PrcgRslt>	[0..1]	±		1080
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		1080
	ProtectedData <PrctcdData>	[0..*]	±		1081
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1084

35.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment18** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		1057
	Originator <Orgtr>	[0..1]	±		1058
	Sender <Sndr>	[0..1]	±		1059
	Receiver <Rcvr>	[0..1]	±		1060
	Acceptor <Accptr>	[1..1]	±		1061
	Destination <Dstn>	[0..1]	±		1063
	Terminal <Termnl>	[0..1]	±		1063
	Issuer <Issr>	[0..1]	±		1064
	Card <Card>	[0..1]	±		1065
	CustomerDevice <CstmrDvc>	[0..1]	±		1065
	Wallet <Wllt>	[0..1]	±		1066
	Token <Tkn>	[0..1]	±		1067
	Cardholder <Crhdldr>	[0..1]	±		1068

35.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

35.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

35.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

35.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

35.4.2.1.5 Acceptor <Accptr>

Presence: [1..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

35.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

35.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal4" on page 1886 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

35.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

35.4.2.1.9 Card <Card>*Presence:* [0..1]*Definition:* Card or payment token performing the transaction.**Card <Card>** contains the following elements (see "CardData6" on page 1397 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrctcdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

35.4.2.1.10 CustomerDevice <CstmrDvc>*Presence:* [0..1]*Definition:* Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

35.4.2.1.11 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

35.4.2.1.12 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

35.4.2.1.13 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

35.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[1..1]	±		1069
	TransactionContext <TxCntxt>	[1..1]	±		1071
	Verification <Vrfctn>	[0..*]	±		1073
	RiskContext <RskCntxt>	[0..1]	±		1074

35.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

35.4.2.2.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprt>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxIntr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutglnd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApldInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

35.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "Verification5" on page 2107 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

35.4.2.2.4 RiskContext <RskCntxt>*Presence:* [0..1]*Definition:* Context of risk associated with the transaction.**RiskContext <RskCntxt>** contains the following elements (see "RiskContext2" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

35.4.2.3 Transaction <Tx>*Presence:* [1..1]*Definition:* Card management initiation transaction.**Transaction <Tx>** contains the following **Transaction152** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1074
	TransactionSubType <TxSubTp>	[0..1]	Text		1075
	MessageReason <MsgRsn>	[0..*]	CodeSet		1075
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1075
	AdditionalService <AddtlSvc>	[0..*]	±		1075
	TransactionIdentification <TxId>	[1..1]	±		1075
	NewPINData <NewPINData>	[0..1]	±		1076
	TransactionCurrency <TxCcy>	[0..1]	CodeSet	C3	1077
	DetailedAmount <DtldAmt>	[0..*]	±		1077
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1077
	AdditionalAmount <AddtlAmt>	[0..*]	±		1078
	AdditionalFee <AddtlFee>	[0..*]	±		1078
	AccountFrom <AcctFr>	[0..1]	±		1079
	AccountTo <AcctTo>	[0..1]	±		1079
	AdditionalData <AddtlData>	[0..*]			1080
	Type <Tp>	[0..1]	Text		1080
	Value <Val>	[0..1]	Text		1080

35.4.2.3.1 TransactionType <TxTp>*Presence:* [1..1]

Definition: Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

35.4.2.3.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

35.4.2.3.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

35.4.2.3.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

35.4.2.3.5 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see "AdditionalService2" on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

35.4.2.3.6 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification51](#)" on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

35.4.2.3.7 NewPINData <NewPINData>

Presence: [0..1]

Definition: Encrypted new Personal Identification Number (PIN) and related information.

NewPINData <NewPINData> contains the following elements (see "[PINData1](#)" on page 1837 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1838
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1838
	DerivedInformation <DrvdInf>	[0..1]	Text		1838
	Algorithm <Algo>	[0..1]	Text		1839
	KeyLength <KeyLngh>	[0..1]	Text		1839
	KeyProtection <KeyPrctn>	[0..1]	Text		1839
	KeyIndex <KeyIndx>	[0..1]	Text		1839
	PINBlockFormat <PINBlckFrmt>	[1..1]	Text		1839
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	Text		1839

35.4.2.3.8 TransactionCurrency <TxCcy>*Presence:* [0..1]*Definition:* Transaction currency of the acceptor.

ISO 4217

Impacted by: C3 "ValidationByTable"*Datatype:* "ISO3NumericCurrencyCode" on page 2156**Constraints**

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

35.4.2.3.9 DetailedAmount <DtldAmt>*Presence:* [0..*]*Definition:* Further details of some or all amounts in the transaction amount.

The detailed amount is used to calculate the reconciliation amount for messages in which the transaction amount is absent.

DetailedAmount <DtldAmt> contains the following elements (see "[DetailedAmount23](#)" on page 1354 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1354
	OtherType <OthrTp>	[0..1]	Text		1354
	Amount <Amt>	[1..1]	±		1355
	Description <Desc>	[0..1]	Text		1355

35.4.2.3.10 ReconciliationAmount <RcncltnAmt>*Presence:* [0..1]*Definition:* Amount used for reconciliation.

Calculated based on the transaction amount, except when the transaction amount is absent. When transaction amount is absent, the reconciliation amount is calculated on the detailed amount field

ReconciliationAmount <RcncltnAmt> contains the following elements (see "Amount15" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

35.4.2.3.11 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

35.4.2.3.12 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

35.4.2.3.13 AccountFrom <AcctFr>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.

AccountFrom <AcctFr> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

35.4.2.3.14 AccountTo <AcctTo>

Presence: [0..1]

Definition: Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.

AccountTo <AcctTo> contains the following elements (see "AccountDetails3" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

35.4.2.3.15 AdditionalData <AddtlData>*Presence:* [0..*]*Definition:* Contains additional data.**AdditionalData <AddtlData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1080
	Value <Val>	[0..1]	Text		1080

35.4.2.3.15.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**35.4.2.3.15.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**35.4.2.4 ProcessingResult <PrcgRslt>***Presence:* [0..1]*Definition:* Outcome of the processing of the authorisation.**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult16" on page 2045 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2045
	ResultData <RsltData>	[0..1]	±		2045
	ApprovalCode <ApprvlCd>	[0..1]	Text		2046
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2046
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2046
	Action <Actn>	[0..*]	±		2047
	AdditionalAction <AddtlActn>	[0..*]	±		2047
	AdditionalInformation <AddtlInf>	[0..*]	±		2048

35.4.2.5 ICCRelatedData <ICCRltdData>*Presence:* [0..1]*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

35.4.2.6 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

35.4.2.7 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

35.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

36 cain.024.001.02 CardManagementResponseV02

36.1 MessageDefinition Functionality

The CardManagementResponse message is sent by an issuer or an agent to an acquirer in response to a CardManagementInitiation message.

Outline

The CardManagementResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the card management response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

36.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <CardMgmtRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1088
	Body <Body>	[1..1]			1089
	Environment <Envnt>	[1..1]			1091
	Acquirer <Acqrr>	[1..1]	±		1091
	Originator <Orgtr>	[0..1]	±		1092
	Sender <Sndr>	[0..1]	±		1093
	Receiver <Rcvr>	[0..1]	±		1094
	Acceptor <Accptr>	[0..1]	±		1095
	Destination <Dstn>	[0..1]	±		1096
	Terminal <Termnl>	[0..1]	±		1096
	Issuer <Issr>	[0..1]	±		1096
	Card <Card>	[1..1]	±		1097
	CustomerDevice <CstmrDvc>	[0..1]	±		1098
	Wallet <Wlt>	[0..1]	±		1099
	Token <Tkn>	[0..1]	±		1100
	Cardholder <Crdhldr>	[0..1]	±		1101
	Context <Cntxt>	[1..1]			1102
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1102
	TransactionContext <TxCntxt>	[0..1]	±		1103
	Verification <Vrfctn>	[0..*]	±		1104
	RiskContext <RskCntxt>	[0..1]	±		1105
	Transaction <Tx>	[1..1]			1105
	TransactionType <TxTp>	[1..1]	CodeSet		1105
	TransactionSubType <TxSubTp>	[0..1]	Text		1105
	AdditionalService <AddtlSvc>	[0..*]	±		1106
	TransactionIdentification <TxId>	[1..1]	±		1106
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1107
	AdditionalAmount <AddtlAmt>	[0..*]	±		1107
	AdditionalFee <AddtlFee>	[0..*]	±		1107

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			1108
	Type <Tp>	[0..1]	Text		1108
	Value <Val>	[0..1]	Text		1108
	ProcessingResult <PrcgRslt>	[1..1]	±		1108
	ICCRelatedData <ICCRltdData>	[0..1]	Text		1109
	ProtectedData <PrtctdData>	[0..*]	±		1109
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1112
	SecurityTrailer <SctyTrlr>	[0..1]	±		1112

36.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

36.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

36.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header60" on page 1752 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

36.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the card management response.

Body <Body> contains the following **CardManagementResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1091
	Acquirer <Acqrr>	[1..1]	±		1091
	Originator <Orgtr>	[0..1]	±		1092
	Sender <Sndr>	[0..1]	±		1093
	Receiver <Rcvr>	[0..1]	±		1094
	Acceptor <Accptr>	[0..1]	±		1095
	Destination <Dstn>	[0..1]	±		1096
	Terminal <Termnl>	[0..1]	±		1096
	Issuer <Issr>	[0..1]	±		1096
	Card <Card>	[1..1]	±		1097
	CustomerDevice <CstmrDvc>	[0..1]	±		1098
	Wallet <Wlt>	[0..1]	±		1099
	Token <Tkn>	[0..1]	±		1100
	Cardholder <Crhdldr>	[0..1]	±		1101
	Context <Cntxt>	[1..1]			1102
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1102
	TransactionContext <TxCntxt>	[0..1]	±		1103
	Verification <Vrfctn>	[0..*]	±		1104
	RiskContext <RskCntxt>	[0..1]	±		1105
	Transaction <Tx>	[1..1]			1105
	TransactionType <TxTp>	[1..1]	CodeSet		1105
	TransactionSubType <TxSubTp>	[0..1]	Text		1105
	AdditionalService <AddtlSvc>	[0..*]	±		1106
	TransactionIdentification <Txld>	[1..1]	±		1106
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1107
	AdditionalAmount <AddtlAmt>	[0..*]	±		1107
	AdditionalFee <AddtlFee>	[0..*]	±		1107
	AdditionalData <AddtlData>	[0..*]			1108
	Type <Tp>	[0..1]	Text		1108
	Value <Val>	[0..1]	Text		1108
	ProcessingResult <PrcgRslt>	[1..1]	±		1108

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ICCRelatedData <ICCRltdData>	[0..1]	Text		1109
	ProtectedData <PrctcdData>	[0..*]	±		1109
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1112

36.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment25** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		1091
	Originator <Orgtr>	[0..1]	±		1092
	Sender <Sndr>	[0..1]	±		1093
	Receiver <Rcvr>	[0..1]	±		1094
	Acceptor <Accptr>	[0..1]	±		1095
	Destination <Dstn>	[0..1]	±		1096
	Terminal <Termnl>	[0..1]	±		1096
	Issuer <Issr>	[0..1]	±		1096
	Card <Card>	[1..1]	±		1097
	CustomerDevice <CstmrDvc>	[0..1]	±		1098
	Wallet <WlIt>	[0..1]	±		1099
	Token <Tkn>	[0..1]	±		1100
	Cardholder <Crdhldr>	[0..1]	±		1101

36.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Party in a contractual relationship with an acceptor to acquire card payment transactions.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

36.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

36.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

36.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

36.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification256" on page 1798 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1799
	Assigner <Assgnr>	[0..1]	Text		1799
	Country <Ctry>	[0..1]	CodeSet		1799
	ShortName <ShrtNm>	[0..1]	Text		1799
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1799
	AdditionalIdentification <AddtlId>	[0..1]			1800
	Type <Tp>	[0..1]	Text		1800
	Value <Val>	[0..1]	Text		1800
	NameAndLocation <NmAndLctn>	[1..1]	Text		1800

36.4.2.1.6 Destination <Dstn>*Presence:* [0..1]*Definition:* Identifies the destination of the transaction.**Destination <Dstn>** contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

36.4.2.1.7 Terminal <Termnl>*Presence:* [0..1]*Definition:* Payment terminal or ATM performing the transaction.**Terminal <Termnl>** contains the following elements (see "[Terminal6](#)" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

36.4.2.1.8 Issuer <Issr>*Presence:* [0..1]*Definition:* Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

36.4.2.1.9 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData9" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1387
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1387
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1388
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1388
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1388
	Track3 <Trck3>	[0..1]	Text		1388
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1388
	PANAccountRange <PANAcctRg>	[0..1]	Text		1389
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1389
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1389
	CardCurrencyCode <CardCcyCd>	[0..1]	CodeSet	C2	1389
	CardProductType <CardPdctTp>	[0..1]	Text		1389
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1389
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1390
	AdditionalCardData <AddtlCardData>	[0..*]			1390
	Type <Tp>	[0..1]	Text		1390
	Value <Val>	[0..1]	Text		1390

36.4.2.1.10 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

36.4.2.1.11 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

36.4.2.1.12 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

36.4.2.1.13 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

36.4.2.2 Context <Cntxt>

Presence: [1..1]

Definition: Context in which the card transaction is performed.

Context <Cntxt> contains the following **Context13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1102
	TransactionContext <TxCntxt>	[0..1]	±		1103
	Verification <Vrfctn>	[0..*]	±		1104
	RiskContext <RskCntxt>	[0..1]	±		1105

36.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Contains point of interaction information specific to a given transaction that may change from transaction to transaction.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext4" on page 1869 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1870
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1871
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1871
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1871
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1872
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1872
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1872
	ECommerceData <EComrcData>	[0..*]			1872
	Type <Tp>	[1..1]	Text		1873
	Value <Val>	[1..1]	Text		1873
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1873
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1873
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1873
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1874
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1874
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1875
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1875
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1876
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1876
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1876
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1876
	StorageLocation <StorgLctn>	[0..1]	Text		1877
	SpecialConditions <SpclConds>	[0..*]			1877
	Identification <Id>	[0..1]	Text		1877
	Value <Val>	[0..1]	Text		1877

36.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "[TransactionContext8](#)" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

36.4.2.2.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "[Verification4](#)" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2106
	OtherType <OthrTp>	[0..1]	Text		2107
	SubType <SubTp>	[0..1]	Text		2107
	AdditionalInformation <AddtlInf>	[0..1]	Text		2107
	VerificationResult <VrfctnRslt>	[0..*]	±		2107

36.4.2.2.4 RiskContext <RskCntxt>*Presence:* [0..1]*Definition:* Context of risk associated with the transaction.**RiskContext <RskCntxt>** contains the following elements (see "[RiskContext2](#)" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

36.4.2.3 Transaction <Tx>*Presence:* [1..1]*Definition:* Response to a card management Initiation transaction.**Transaction <Tx>** contains the following **Transaction153** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		1105
	TransactionSubType <TxSubTp>	[0..1]	Text		1105
	AdditionalService <AddtlSvc>	[0..*]	±		1106
	TransactionIdentification <TxId>	[1..1]	±		1106
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1107
	AdditionalAmount <AddtlAmt>	[0..*]	±		1107
	AdditionalFee <AddtlFee>	[0..*]	±		1107
	AdditionalData <AddtlData>	[0..*]			1108
	Type <Tp>	[0..1]	Text		1108
	Value <Val>	[0..1]	Text		1108

36.4.2.3.1 TransactionType <TxTp>*Presence:* [1..1]*Definition:* Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "[ISO8583TransactionTypeCode](#)" on page 2157**36.4.2.3.2 TransactionSubType <TxSubTp>***Presence:* [0..1]*Definition:* Further breakdown of the transaction type being performed.*Datatype:* "[Max35Text](#)" on page 2207

36.4.2.3.3 AdditionalService <AddtlSvc>*Presence:* [0..*]*Definition:* Additional functions or services to be performed in conjunction with the transaction.**AdditionalService <AddtlSvc>** contains the following elements (see ["AdditionalService2"](#) on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

36.4.2.3.4 TransactionIdentification <TxId>*Presence:* [1..1]*Definition:* Identification of the transaction.**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentification51"](#) on page 1922 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

36.4.2.3.5 ReconciliationAmount <RcncltnAmt>*Presence:* [0..1]*Definition:* Amount used for reconciliation.

Calculated based on the transaction amount, except when the transaction amount is absent. When transaction amount is absent, the reconciliation amount is calculated on the detailed amount field.

ReconciliationAmount <RcncltnAmt> contains the following elements (see "[Amount15](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

36.4.2.3.6 AdditionalAmount <AddtlAmt>*Presence:* [0..*]*Definition:* Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "[AdditionalAmounts3](#)" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

36.4.2.3.7 AdditionalFee <AddtlFee>*Presence:* [0..*]*Definition:* Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

36.4.2.3.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1108
	Value <Val>	[0..1]	Text		1108

36.4.2.3.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

36.4.2.3.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

36.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the transaction.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult9" on page 2082 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2082
	ResultData <RsltData>	[1..1]	±		2083
	ApprovalCode <ApprvlCd>	[0..1]	Text		2083
	ErrorDetail <ErrDtl>	[0..*]			2083
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2084
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2084
	ErrorCode <ErrCd>	[0..1]	Text		2085
	ErrorDescription <ErrDesc>	[0..1]	Text		2085
	DataElementInError <DataElmtInErr>	[0..*]	Text		2085
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2085
	ActionRequired <ActnReqr>	[0..1]	Indicator		2085
	Action <Actn>	[0..*]	±		2086
	AdditionalAction <AddtlActn>	[0..*]	±		2086
	AdditionalInformation <AddtlInf>	[0..*]	±		2087

36.4.2.5 ICCRelatedData <ICCRltdData>

Presence: [0..1]

Definition: Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Datatype: "Max10KHexBinaryText" on page 2202

36.4.2.6 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

36.4.2.7 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

36.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLength>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

37 cain.025.001.02 AddendumInitiationV02

37.1 MessageDefinition Functionality

Provides supplemental data in addition to that which is required to complete an authorization initiation or financial initiation.

The supplemental data is associated with an authorization or financial message.

Outline

The AddendumInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

The AddendumInitiation is used to provide supplemental data in addition to that which is required to complete an authorization initiation or financial initiation. The supplemental data is associated with an authorization or financial message.

C. SecurityTrailer

Trailer of the message containing a MAC.

37.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AdddmInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		1116
	Body <Body>	[0..1]			1117
	Environment <Envt>	[1..1]			1119
	Acquirer <Acqrr>	[1..1]	±		1119
	Originator <Orgtr>	[0..1]	±		1120
	Sender <Sndr>	[0..1]	±		1121
	Receiver <Rcvr>	[0..1]	±		1122
	Acceptor <Accptr>	[0..1]	±		1123
	Destination <Dstn>	[0..1]	±		1125
	Issuer <Issr>	[0..1]	±		1125
	Card <Card>	[0..1]	±		1126
	Token <Tkn>	[0..1]	±		1126
	Context <Cntxt>	[0..1]			1127
	TransactionContext <TxCntxt>	[0..1]			1127
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1128
	Jurisdiction <Jursdctn>	[0..1]			1128
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1128
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1129
	SettlementService <SttlmSvc>	[0..1]	±		1129
	Reconciliation <Rcncltn>	[0..1]	±		1130
	AdditionalData <AddtlData>	[0..*]			1130
	Type <Tp>	[0..1]	Text		1130
	Value <Val>	[0..1]	Text		1130
	Transaction <Tx>	[1..1]			1130
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1131
	TransactionIdentification <TxId>	[1..1]	±		1131
	DataSource <DataSrc>	[0..1]	Text		1131
	AdditionalFee <AddtlFee>	[0..*]	±		1132
	TransactionDescription <TxDesc>	[0..1]	Text		1132

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]			1132
	Type <Tp>	[0..1]	Text		1132
	Value <Val>	[0..1]	Text		1133
	AddendumData <AdddmData>	[1..1]	±		1133
	ProtectedData <PrctcdData>	[0..*]	±		1133
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1136
	SecurityTrailer <SctyTrlr>	[0..1]	±		1136

37.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

37.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

37.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

37.4.2 Body <Body>

Presence: [0..1]

Definition: The AddendumInitiation is used to provide supplemental data in addition to that which is required to complete an authorization initiation or financial initiation. The supplemental data is associated with an authorization or financial message.

Body <Body> contains the following **AddendumInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1119
	Acquirer <Acqrr>	[1..1]	±		1119
	Originator <Orgtr>	[0..1]	±		1120
	Sender <Sndr>	[0..1]	±		1121
	Receiver <Rcvr>	[0..1]	±		1122
	Acceptor <Accptr>	[0..1]	±		1123
	Destination <Dstn>	[0..1]	±		1125
	Issuer <Issr>	[0..1]	±		1125
	Card <Card>	[0..1]	±		1126
	Token <Tkn>	[0..1]	±		1126
	Context <Cntxt>	[0..1]			1127
	TransactionContext <TxCntxt>	[0..1]			1127
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1128
	Jurisdiction <Jursdctn>	[0..1]			1128
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1128
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1129
	SettlementService <SttlmSvc>	[0..1]	±		1129
	Reconciliation <Rcncltn>	[0..1]	±		1130
	AdditionalData <AddtlData>	[0..*]			1130
	Type <Tp>	[0..1]	Text		1130
	Value <Val>	[0..1]	Text		1130
	Transaction <Tx>	[1..1]			1130
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1131
	TransactionIdentification <TxId>	[1..1]	±		1131
	DataSource <DataSrc>	[0..1]	Text		1131
	AdditionalFee <AddtlFee>	[0..*]	±		1132
	TransactionDescription <TxDesc>	[0..1]	Text		1132
	AdditionalData <AddtlData>	[0..*]			1132
	Type <Tp>	[0..1]	Text		1132
	Value <Val>	[0..1]	Text		1133
	AddendumData <AdddmData>	[1..1]	±		1133

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProtectedData <PrtctdData>	[0..*]	±		1133
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1136

37.4.2.1 Environment <Envvt>

Presence: [1..1]

Definition: Contains or describes the information pertaining to the actors interacting with the transaction.

Environment <Envvt> contains the following **Environment30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		1119
	Originator <Orgtr>	[0..1]	±		1120
	Sender <Sndr>	[0..1]	±		1121
	Receiver <Rcvr>	[0..1]	±		1122
	Acceptor <Accptr>	[0..1]	±		1123
	Destination <Dstn>	[0..1]	±		1125
	Issuer <Issr>	[0..1]	±		1125
	Card <Card>	[0..1]	±		1126
	Token <Tkn>	[0..1]	±		1126

37.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

37.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

37.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

37.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

37.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

37.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

37.4.2.1.7 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

37.4.2.1.8 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData2" on page 1381 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1381
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1381
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1381
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1382

37.4.2.1.9 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

37.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1127
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1128
	Jurisdiction <Jursdctn>	[0..1]			1128
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1128
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1129
	SettlementService <SttlmSvc>	[0..1]	±		1129
	Reconciliation <Rcncltn>	[0..1]	±		1130
	AdditionalData <AddtlData>	[0..*]			1130
	Type <Tp>	[0..1]	Text		1130
	Value <Val>	[0..1]	Text		1130

37.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	±		1128
	Jurisdiction <Jursdctn>	[0..1]			1128
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1128
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1129
	SettlementService <SttlmSvc>	[0..1]	±		1129
	Reconciliation <Rcncltn>	[0..1]	±		1130
	AdditionalData <AddtlData>	[0..*]			1130
	Type <Tp>	[0..1]	Text		1130
	Value <Val>	[0..1]	Text		1130

37.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtlId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

37.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1128
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1129

37.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

37.4.2.2.1.2.2 DomesticQualification <DmstQlfc>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

37.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

37.4.2.2.1.4 Reconciliation <Rcncltn>*Presence:* [0..1]*Definition:* Identification of the reconciliation period between the acquirer and the issuer or their respective agents.**Reconciliation <Rcncltn>** contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

37.4.2.2.1.5 AdditionalData <AddtlData>*Presence:* [0..*]*Definition:* Additional transaction context data.**AdditionalData <AddtlData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1130
	Value <Val>	[0..1]	Text		1130

37.4.2.2.1.5.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**37.4.2.2.1.5.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**37.4.2.3 Transaction <Tx>***Presence:* [1..1]*Definition:* Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction148** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssociatedDataReference <AssocdtdDataRef>	[0..1]	Text		1131
	TransactionIdentification <TxId>	[1..1]	±		1131
	DataSource <DataSrc>	[0..1]	Text		1131
	AdditionalFee <AddtlFee>	[0..*]	±		1132
	TransactionDescription <TxDesc>	[0..1]	Text		1132
	AdditionalData <AddtlData>	[0..*]			1132
	Type <Tp>	[0..1]	Text		1132
	Value <Val>	[0..1]	Text		1133

37.4.2.3.1 AssociatedDataReference <AssocdtdDataRef>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max70Text" on page 2209

37.4.2.3.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification20" on page 1904 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionReference <TxRef>	[0..1]	Text		1905
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1905
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1905
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1905
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1906
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1906
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1906
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1906
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1906

37.4.2.3.3 DataSource <DataSrc>

Presence: [0..1]

Definition: Indicates the source of enhanced data.

Datatype: "Max70Text" on page 2209

37.4.2.3.4 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Contains additional fees for the AddendumMessage.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

37.4.2.3.5 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

37.4.2.3.6 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1132
	Value <Val>	[0..1]	Text		1133

37.4.2.3.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

37.4.2.3.6.2 Value <Val>*Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**37.4.2.4 AddendumData <AdddmData>***Presence:* [1..1]*Definition:* Component contains data structures applicable to certain industries that require specific data within transaction messages.**AddendumData <AdddmData>** contains the following elements (see "AddendumData3" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1610
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1611
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1611
	AdditionalAcceptorData <AddtlAccptrData>	[0..1]	±		1611
	Customer <Cstmr>	[0..1]	±		1612
	Sale <Sale>	[0..1]	±		1613
	Fleet <Fleet>	[0..1]	±		1613
	Invoice <Invc>	[0..1]	±		1613
	TravelAgency <TrvlAgcy>	[0..*]	±		1614
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1614
	VehicleRental <VhclRntl>	[0..*]	±		1614
	Lodging <Ldgg>	[0..*]	±		1615
	ShippingData <ShppgData>	[0..1]	±		1615
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1616
	TemporaryServices <TempSvcs>	[0..*]	±		1616
	Instalment <Instlmt>	[0..1]	±		1617
	AdditionalData <AddtlData>	[0..*]			1617
	Type <Tp>	[0..1]	Text		1618
	Value <Val>	[0..1]	Text		1618

37.4.2.5 ProtectedData <PrctcdData>*Presence:* [0..*]*Definition:* Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

37.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

37.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

38 cain.026.001.02 AddendumResponseV02

38.1 MessageDefinition Functionality

The AddendumResponse message is sent by an issuer or an agent to an acquirer in response to an AddendumInitiation message.

Outline

The AddendumResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to an addendum response.
- C. SecurityTrailer
 - Trailer of the message containing a MAC.

38.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AdddmRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1140
	Body <Body>	[1..1]			1141
	Environment <Envt>	[1..1]			1143
	Acquirer <Acqrr>	[1..1]	±		1143
	Originator <Orgtr>	[0..1]	±		1144
	Sender <Sndr>	[0..1]	±		1145
	Receiver <Rcvr>	[0..1]	±		1146
	Acceptor <Accptr>	[0..1]	±		1147
	Destination <Dstn>	[0..1]	±		1149
	Issuer <Issr>	[0..1]	±		1149
	Card <Card>	[0..1]	±		1150
	Token <Tkn>	[0..1]	±		1150
	Context <Cntxt>	[0..1]			1151
	TransactionContext <TxCntxt>	[0..1]			1151
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1152
	Jurisdiction <Jursdctn>	[0..1]			1152
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1152
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1153
	SettlementService <SttlmSvc>	[0..1]	±		1153
	Reconciliation <Rcncltn>	[0..1]	±		1154
	AdditionalData <AddtlData>	[0..*]			1154
	Type <Tp>	[0..1]	Text		1154
	Value <Val>	[0..1]	Text		1154
	Transaction <Tx>	[1..1]			1154
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1155
	TransactionIdentification <TxId>	[1..1]	±		1155
	AdditionalFee <AddtlFee>	[0..*]	±		1155
	TransactionDescription <TxDesc>	[0..1]	Text		1156
	AdditionalData <AddtlData>	[0..*]			1156

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1156
	Value <Val>	[0..1]	Text		1156
	ProcessingResult <PrcgRslt>	[1..1]	±		1157
	ProtectedData <PrctcdData>	[0..*]	±		1157
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1160
	SecurityTrailer <SctyTrlr>	[0..1]	±		1160

38.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

38.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

38.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

38.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to an addendum response.

Body <Body> contains the following AddendumResponse2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1143
	Acquirer <Acqrr>	[1..1]	±		1143
	Originator <Orgtr>	[0..1]	±		1144
	Sender <Sndr>	[0..1]	±		1145
	Receiver <Rcvr>	[0..1]	±		1146
	Acceptor <Accptr>	[0..1]	±		1147
	Destination <Dstn>	[0..1]	±		1149
	Issuer <Issr>	[0..1]	±		1149
	Card <Card>	[0..1]	±		1150
	Token <Tkn>	[0..1]	±		1150
	Context <Cntxt>	[0..1]			1151
	TransactionContext <TxCntxt>	[0..1]			1151
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1152
	Jurisdiction <Jursdctn>	[0..1]			1152
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1152
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1153
	SettlementService <SttlmSvc>	[0..1]	±		1153
	Reconciliation <Rcncltn>	[0..1]	±		1154
	AdditionalData <AddtlData>	[0..*]			1154
	Type <Tp>	[0..1]	Text		1154
	Value <Val>	[0..1]	Text		1154
	Transaction <Tx>	[1..1]			1154
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		1155
	TransactionIdentification <TxId>	[1..1]	±		1155
	AdditionalFee <AddtlFee>	[0..*]	±		1155
	TransactionDescription <TxDesc>	[0..1]	Text		1156
	AdditionalData <AddtlData>	[0..*]			1156
	Type <Tp>	[0..1]	Text		1156
	Value <Val>	[0..1]	Text		1156
	ProcessingResult <PrccgRslt>	[1..1]	±		1157
	ProtectedData <PrctcdData>	[0..*]	±		1157

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1160

38.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Contains or describes the information pertaining to the actors interacting with the transaction.

Environment <Envt> contains the following **Environment30** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		1143
	Originator <Orgtr>	[0..1]	±		1144
	Sender <Sndr>	[0..1]	±		1145
	Receiver <Rcvr>	[0..1]	±		1146
	Acceptor <Accptr>	[0..1]	±		1147
	Destination <Dstn>	[0..1]	±		1149
	Issuer <Issr>	[0..1]	±		1149
	Card <Card>	[0..1]	±		1150
	Token <Tkn>	[0..1]	±		1150

38.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

38.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

38.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

38.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

38.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

38.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

38.4.2.1.7 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

38.4.2.1.8 Card <Card>

Presence: [0..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData2" on page 1381 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1381
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1381
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1381
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1382

38.4.2.1.9 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

38.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1151
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1152
	Jurisdiction <Jursdctn>	[0..1]			1152
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1152
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1153
	SettlementService <SttlmSvc>	[0..1]	±		1153
	Reconciliation <Rcncltn>	[0..1]	±		1154
	AdditionalData <AddtlData>	[0..*]			1154
	Type <Tp>	[0..1]	Text		1154
	Value <Val>	[0..1]	Text		1154

38.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1152
	Jurisdiction <Jursdctn>	[0..1]			1152
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1152
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1153
	SettlementService <SttlmSvc>	[0..1]	±		1153
	Reconciliation <Rcncltn>	[0..1]	±		1154
	AdditionalData <AddtlData>	[0..*]			1154
	Type <Tp>	[0..1]	Text		1154
	Value <Val>	[0..1]	Text		1154

38.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApld> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtlId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

38.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1152
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1153

38.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

38.4.2.2.1.2.2 DomesticQualification <DmstQlfc>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

38.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

38.4.2.2.1.4 Reconciliation <Rcncltn>*Presence:* [0..1]*Definition:* Identification of the reconciliation period between the acquirer and the issuer or their respective agents.**Reconciliation <Rcncltn>** contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

38.4.2.2.1.5 AdditionalData <AddtlData>*Presence:* [0..*]*Definition:* Additional transaction context data.**AdditionalData <AddtlData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1154
	Value <Val>	[0..1]	Text		1154

38.4.2.2.1.5.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**38.4.2.2.1.5.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**38.4.2.3 Transaction <Tx>***Presence:* [1..1]*Definition:* Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction149** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		1155
	TransactionIdentification <TxId>	[1..1]	±		1155
	AdditionalFee <AddtlFee>	[0..*]	±		1155
	TransactionDescription <TxDesc>	[0..1]	Text		1156
	AdditionalData <AddtlData>	[0..*]			1156
	Type <Tp>	[0..1]	Text		1156
	Value <Val>	[0..1]	Text		1156

38.4.2.3.1 AssociatedDataReference <AssoctdDataRef>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max70Text" on page 2209

38.4.2.3.2 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification20](#)" on page 1904 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionReference <TxRef>	[0..1]	Text		1905
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1905
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1905
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1905
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1906
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1906
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1906
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1906
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1906

38.4.2.3.3 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Contains additional fees for the addendum response message.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

38.4.2.3.4 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

38.4.2.3.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1156
	Value <Val>	[0..1]	Text		1156

38.4.2.3.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

38.4.2.3.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

38.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the addendum initiation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

38.4.2.5 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

38.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

38.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

39 cain.027.001.02

ChargeBackInitiationV02

39.1 MessageDefinition Functionality

The ChargeBackInitiation message is sent by an issuer or agent to an acquirer to fully or partially nullify a previous financial transaction; namely when the issuer determines that a customer dispute exists or that an error or violation of rules has been committed. It is also used to nullify a previous chargeback. Chargebacks have a financial impact and should be computed within reconciliation totals.

Outline

The ChargeBackInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the initiation of a chargeback.

ISO 8583:93/2003 bit 25.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

39.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <ChrgBcklnitn>	[1..1]			
	Header <Hdr>	[1..1]	±		1164
	Body <Body>	[1..1]			1165
	Environment <Envt>	[1..1]			1167
	Acquirer <Acqrr>	[1..1]	±		1167
	Originator <Orgtr>	[0..1]	±		1168
	Sender <Sndr>	[0..1]	±		1169
	Receiver <Rcvr>	[0..1]	±		1170
	Acceptor <Accptr>	[0..1]	±		1171
	Destination <Dstn>	[0..1]	±		1173
	Payer <Pyer>	[0..1]	±		1173
	Payee <Pyee>	[0..1]	±		1174
	Terminal <Termnl>	[0..1]	±		1174
	Issuer <Issr>	[0..1]	±		1174
	Card <Card>	[1..1]	±		1175
	Wallet <Wllt>	[0..1]	±		1176
	Token <Tkn>	[0..1]	±		1176
	Context <Cntxt>	[0..1]			1177
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1177
	TransactionContext <TxCntxt>	[0..1]	±		1178
	Transaction <Tx>	[1..1]			1179
	MessageReason <MsgRsn>	[0..*]	CodeSet		1180
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1180
	TransactionIdentification <TxId>	[1..1]	±		1180
	TransactionAmounts <TxAmts>	[1..1]	±		1181
	DisputeData <DsptData>	[1..1]	±		1181
	AdditionalFee <AddtlFee>	[0..*]	±		1182
	AdditionalInformation <AddtlInf>	[0..1]	±		1182
	AdditionalData <AddtlData>	[0..*]			1183
	Type <Tp>	[0..1]	Text		1183

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		1183
	OriginalTransaction <OrgnlTx>	[1..1]			1183
	Environment <Envnt>	[0..1]	±		1184
	Context <Cntxt>	[0..1]	±		1185
	Transaction <Tx>	[0..1]	±		1186
	ProcessingResult <PrcgRslt>	[0..1]	±		1187
	ProcessingResult <PrcgRslt>	[0..1]			1188
	ResultData <RsltData>	[0..1]	±		1188
	AdditionalInformation <AddtlInf>	[0..*]	±		1189
	ProtectedData <PrtctdData>	[0..*]	±		1189
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1192
	SecurityTrailer <SctyTrlr>	[0..1]	±		1192

39.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid terrestrial language.

C3 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

39.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

39.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "Header61" on page 1748 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1749
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1749
	ExchangeIdentification <XchgId>	[0..1]	Text		1750
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1750
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1750
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1750
	InitiatingParty <InitgPty>	[1..1]	±		1750
	RecipientParty <RcptPty>	[0..1]	±		1751
	TraceData <TracData>	[0..*]			1751
	Type <Tp>	[0..1]	Text		1751
	Value <Val>	[0..1]	Text		1752
	Traceability <Tracblt>	[0..*]	±		1752

39.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of a chargeback.

ISO 8583:93/2003 bit 25.

Body <Body> contains the following **ChargeBackInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1167
	Acquirer <Acqrr>	[1..1]	±		1167
	Originator <Orgtr>	[0..1]	±		1168
	Sender <Sndr>	[0..1]	±		1169
	Receiver <Rcvr>	[0..1]	±		1170
	Acceptor <Accptr>	[0..1]	±		1171
	Destination <Dstn>	[0..1]	±		1173
	Payer <Pyer>	[0..1]	±		1173
	Payee <Pyee>	[0..1]	±		1174
	Terminal <Termnl>	[0..1]	±		1174
	Issuer <Issr>	[0..1]	±		1174
	Card <Card>	[1..1]	±		1175
	Wallet <Wlt>	[0..1]	±		1176
	Token <Tkn>	[0..1]	±		1176
	Context <Cntxt>	[0..1]			1177
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1177
	TransactionContext <TxCntxt>	[0..1]	±		1178
	Transaction <Tx>	[1..1]			1179
	MessageReason <MsgRsn>	[0..*]	CodeSet		1180
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1180
	TransactionIdentification <TxId>	[1..1]	±		1180
	TransactionAmounts <TxAmts>	[1..1]	±		1181
	DisputeData <DsptData>	[1..1]	±		1181
	AdditionalFee <AddtlFee>	[0..*]	±		1182
	AdditionalInformation <AddtlInf>	[0..1]	±		1182
	AdditionalData <AddtlData>	[0..*]			1183
	Type <Tp>	[0..1]	Text		1183
	Value <Val>	[0..1]	Text		1183
	OriginalTransaction <OrgnlTx>	[1..1]			1183
	Environment <Envt>	[0..1]	±		1184
	Context <Cntxt>	[0..1]	±		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Transaction <Tx>	[0..1]	±		1186
	ProcessingResult <PrcgRslt>	[0..1]	±		1187
	ProcessingResult <PrcgRslt>	[0..1]			1188
	ResultData <RsltData>	[0..1]	±		1188
	AdditionalInformation <AddtlInf>	[0..*]	±		1189
	ProtectedData <PrctcdData>	[0..*]	±		1189
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1192

39.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the chargeback.

Environment <Envt> contains the following **Environment21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		1167
	Originator <Orgtr>	[0..1]	±		1168
	Sender <Sndr>	[0..1]	±		1169
	Receiver <Rcvr>	[0..1]	±		1170
	Acceptor <Accptr>	[0..1]	±		1171
	Destination <Dstn>	[0..1]	±		1173
	Payer <Pyer>	[0..1]	±		1173
	Payee <Pyee>	[0..1]	±		1174
	Terminal <Termnl>	[0..1]	±		1174
	Issuer <Issr>	[0..1]	±		1174
	Card <Card>	[1..1]	±		1175
	Wallet <Wllt>	[0..1]	±		1176
	Token <Tkn>	[0..1]	±		1176

39.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

39.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

39.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

39.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

39.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptor> contains the following elements (see "PartyIdentification255" on page 1800 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

39.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

39.4.2.1.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

39.4.2.1.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

39.4.2.1.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "[Terminal6](#)" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

39.4.2.1.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

39.4.2.1.11 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrtflIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

39.4.2.1.12 Wallet <Wlt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

39.4.2.1.13 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

39.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Context of the chargeback transaction.

Context <Cntxt> contains the following **Context14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1177
	TransactionContext <TxCntxt>	[0..1]	±		1178

39.4.2.2.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext5" on page 1861 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1862
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1864
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1864
	ECommerceData <EComrcData>	[0..*]			1865
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1865
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1866
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1866
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1867
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1867
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1868
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1868
	StorageLocation <StorgLctn>	[0..1]	Text		1868
	SpecialConditions <SpclConds>	[0..*]			1868
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869
	AdditionalData <AddtlData>	[0..*]			1869
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

39.4.2.2.2 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext9" on page 1539 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1540
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1540
	DeferredDeliveryIndicator <DfrdDlvryInd>	[0..1]	Indicator		1541
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1541
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1541
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1541
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1541
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1542
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1542
	AuthenticationOutageIndicator <AuthntcnOutgInd>	[0..1]	Indicator		1542
	CardProgramme <CardPrgrmm>	[0..1]	±		1542
	Jurisdiction <Jursdctn>	[0..1]			1543
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1543
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1543
	SettlementService <SttlmSvc>	[0..1]	±		1543
	Reconciliation <Rcncltn>	[0..1]	±		1544
	CaptureDate <CaptrDt>	[0..1]	Date		1545
	DateAnticipated <DtAntcptd>	[0..1]	Date		1545
	AdditionalData <AddtlData>	[0..*]			1545
	Type <Tp>	[0..1]	Text		1545
	Value <Val>	[0..1]	Text		1545

39.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Chargeback transaction details.

Transaction <Tx> contains the following **Transaction154** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		1180
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1180
	TransactionIdentification <TxId>	[1..1]	±		1180
	TransactionAmounts <TxAmts>	[1..1]	±		1181
	DisputeData <DsptData>	[1..1]	±		1181
	AdditionalFee <AddtlFee>	[0..*]	±		1182
	AdditionalInformation <AddtlInf>	[0..1]	±		1182
	AdditionalData <AddtlData>	[0..*]			1183
	Type <Tp>	[0..1]	Text		1183
	Value <Val>	[0..1]	Text		1183

39.4.2.3.1 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

39.4.2.3.2 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

39.4.2.3.3 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification17](#)" on page 1910 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1911
	LocalTime <LclTm>	[0..1]	Time		1911
	TimeZone <TmZone>	[0..1]	Text		1911
	TransactionReference <TxRef>	[0..1]	Text		1911
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1912
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1912
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1912
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1912
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1912
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1913
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1913
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1913
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1913

39.4.2.3.4 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Transaction amounts.

TransactionAmounts <TxAmts> contains the following elements (see "[TransactionAmounts2](#)" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

39.4.2.3.5 DisputeData <DsptData>

Presence: [1..1]

Definition: Data related to the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

39.4.2.3.6 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

39.4.2.3.7 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information related to the chargeback.

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation20" on page 1771 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1771
	OtherRecipient <OthrRcpt>	[0..1]	Text		1772
	Target <Trgt>	[0..*]	CodeSet		1772
	OtherTarget <OthrTrgt>	[0..1]	Text		1772
	Format <Frmt>	[0..1]	CodeSet		1772
	OtherFormat <OthrFrmt>	[0..1]	Text		1773
	Type <Tp>	[0..1]	Text		1773
	Value <Val>	[1..1]	Text		1773

39.4.2.3.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1183
	Value <Val>	[0..1]	Text		1183

39.4.2.3.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

39.4.2.3.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

39.4.2.4 OriginalTransaction <OrgnlTx>

Presence: [1..1]

Definition: Contains details of the transaction to be retrieved.

OriginalTransaction <OrgnITx> contains the following **OriginalTransaction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[0..1]	±		1184
	Context <Cntxt>	[0..1]	±		1185
	Transaction <Tx>	[0..1]	±		1186
	ProcessingResult <PrcgRslt>	[0..1]	±		1187

39.4.2.4.1 Environment <Envt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Environment <Envt> contains the following elements (see "Environment20" on page 1655 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1656
	Originator <Orgtr>	[0..1]	±		1657
	Sender <Sndr>	[0..1]	±		1658
	Receiver <Rcvr>	[0..1]	±		1659
	Acceptor <Accptr>	[0..1]	±		1660
	Destination <Dstrn>	[0..1]	±		1662
	Payer <Pyer>	[0..1]	±		1662
	Payee <Pyee>	[0..1]	±		1663
	Terminal <Termnl>	[0..1]			1663
	TerminalIdentification <Termnllld>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <Termnllntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctn>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666
	Issuer <Issr>	[0..1]	±		1668
	Card <Card>	[1..1]	±		1668
	CustomerDevice <CstmrDvc>	[0..1]	±		1669
	Wallet <Wlt>	[0..1]	±		1670
	Token <Tkn>	[0..1]	±		1671
	Cardholder <Crdhldr>	[0..1]	±		1672

39.4.2.4.2 Context <Cntxt>

Presence: [0..1]

Definition: Details of the original message for which a retrieval is being requested.

Context <Cntxt> contains the following elements (see "Context12" on page 1624 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1625
	TransactionContext <TxCntxt>	[1..1]	±		1627
	Verification <Vrfctn>	[0..*]	±		1629
	RiskContext <RskCntxt>	[0..1]	±		1630
	SaleContext <SaleCntxt>	[0..1]	±		1630

39.4.2.4.3 Transaction <Tx>

Presence: [0..1]

Definition: Contains the original transaction details.

Transaction <Tx> contains the following elements (see "Transaction147" on page 1645 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1646
	TransactionSubType <TxSubTp>	[0..1]	Text		1647
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		1647
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1648
	MessageReason <MsgRsn>	[0..*]	CodeSet		1648
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1648
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1648
	AdditionalService <AddtlSvc>	[0..*]	±		1648
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1649
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1649
	TransactionIdentification <TxId>	[0..1]	±		1649
	DisputeData <DsptData>	[0..*]	±		1650
	TransactionAmounts <TxAmts>	[0..1]	±		1651
	AdditionalAmount <AddtlAmt>	[0..*]	±		1651
	AdditionalFee <AddtlFee>	[0..*]	±		1652
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		1652
	DepositDetails <DpstDtls>	[0..*]	±		1653
	FundsServices <FndsSvcs>	[0..1]	±		1653
	AccountFrom <AcctFr>	[0..1]	±		1654
	AccountTo <AcctTo>	[0..1]	±		1654
	TransactionDescription <TxDesc>	[0..1]	Text		1654
	AdditionalData <AddtlData>	[0..*]			1654
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

39.4.2.4.4 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Contains the processing results of the transaction to be retrieved.

ProcessingResult <PrcgRsIt> contains the following elements (see "ProcessingResult10" on page 2076 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsItData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsItData>	[0..1]	±		2080
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

39.4.2.5 ProcessingResult <PrcgRsIt>

Presence: [0..1]

Definition: Result of the chargeback verification provided in the chargeback status.

ProcessingResult <PrcgRsIt> contains the following **ProcessingResult21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultData <RsItData>	[0..1]	±		1188
	AdditionalInformation <AddtlInf>	[0..*]	±		1189

39.4.2.5.1 ResultData <RsItData>

Presence: [0..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

39.4.2.5.2 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

39.4.2.6 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

39.4.2.7 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

39.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

40 cain.028.001.02

ChargeBackResponseV02

40.1 MessageDefinition Functionality

The ChargeBackResponse message is sent by an acquirer or an agent to an issuer in response to an ChargeBackInitiation message.

Outline

The ChargeBackResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. Body

Information related to the response of a chargeback.

C. SecurityTrailer

Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

40.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <ChrgBckRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1196
	Body <Body>	[1..1]			1196
	Environment <Envt>	[1..1]			1197
	Acquirer <Acqrr>	[1..1]	±		1198
	Originator <Orgtr>	[0..1]	±		1199
	Sender <Sndr>	[0..1]	±		1200
	Receiver <Rcvr>	[0..1]	±		1201
	Acceptor <Accptr>	[0..1]	±		1202
	Destination <Dstn>	[0..1]	±		1203
	Terminal <Termnl>	[0..1]	±		1204
	Issuer <Issr>	[0..1]	±		1204
	Card <Card>	[1..1]	±		1205
	Token <Tkn>	[0..1]	±		1206
	Context <Cntxt>	[1..1]			1206
	TransactionContext <TxCntxt>	[0..1]	±		1206
	Transaction <Tx>	[1..1]			1207
	MessageReason <MsgRsn>	[0..*]	CodeSet		1208
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1208
	TransactionIdentification <TxId>	[1..1]	±		1208
	TransactionAmounts <TxAmts>	[1..1]	±		1209
	DisputeData <DsptData>	[1..1]	±		1209
	AdditionalFee <AddtlFee>	[0..*]	±		1210
	AdditionalInformation <AddtlInf>	[0..1]	±		1210
	AdditionalData <AddtlData>	[0..*]			1211
	Type <Tp>	[0..1]	Text		1211
	Value <Val>	[0..1]	Text		1211
	ProcessingResult <PrcgRslt>	[1..1]	±		1211
	ProtectedData <PrtctdData>	[0..*]	±		1212
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1215

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityTrailer <SctyTrlr>	[0..1]	±		1215

40.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

40.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

40.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the protocol management.

Header <Hdr> contains the following elements (see "[Header61](#)" on [page 1748](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1749
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1749
	ExchangeIdentification <XchgId>	[0..1]	Text		1750
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1750
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1750
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1750
	InitiatingParty <InitgPty>	[1..1]	±		1750
	RecipientParty <RcptPty>	[0..1]	±		1751
	TraceData <TracData>	[0..*]			1751
	Type <Tp>	[0..1]	Text		1751
	Value <Val>	[0..1]	Text		1752
	Traceability <Tracblt>	[0..*]	±		1752

40.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the response of a chargeback.

Body <Body> contains the following **ChargeBackResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1197
	Acquirer <Acqrr>	[1..1]	±		1198
	Originator <Orgtr>	[0..1]	±		1199
	Sender <Sndr>	[0..1]	±		1200
	Receiver <Rcvr>	[0..1]	±		1201
	Acceptor <Acptr>	[0..1]	±		1202
	Destination <Dstn>	[0..1]	±		1203
	Terminal <Termnl>	[0..1]	±		1204
	Issuer <Issr>	[0..1]	±		1204
	Card <Card>	[1..1]	±		1205
	Token <Tkn>	[0..1]	±		1206
	Context <Cntxt>	[1..1]			1206
	TransactionContext <TxCntxt>	[0..1]	±		1206
	Transaction <Tx>	[1..1]			1207
	MessageReason <MsgRsn>	[0..*]	CodeSet		1208
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1208
	TransactionIdentification <TxId>	[1..1]	±		1208
	TransactionAmounts <TxAmts>	[1..1]	±		1209
	DisputeData <DsptData>	[1..1]	±		1209
	AdditionalFee <AddtlFee>	[0..*]	±		1210
	AdditionalInformation <AddtlInf>	[0..1]	±		1210
	AdditionalData <AddtlData>	[0..*]			1211
	Type <Tp>	[0..1]	Text		1211
	Value <Val>	[0..1]	Text		1211
	ProcessingResult <PrpgRslt>	[1..1]	±		1211
	ProtectedData <PrctcdData>	[0..*]	±		1212
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1215

40.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the chargeback.

Environment <Envt> contains the following **Environment29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[1..1]	±		1198
	Originator <Orgtr>	[0..1]	±		1199
	Sender <Sndr>	[0..1]	±		1200
	Receiver <Rcvr>	[0..1]	±		1201
	Acceptor <Accptr>	[0..1]	±		1202
	Destination <Dstn>	[0..1]	±		1203
	Terminal <Termnl>	[0..1]	±		1204
	Issuer <Issr>	[0..1]	±		1204
	Card <Card>	[1..1]	±		1205
	Token <Tkn>	[0..1]	±		1206

40.4.2.1.1 Acquirer <Acqrr>

Presence: [1..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

40.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

40.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

40.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

40.4.2.1.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Accptr> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

40.4.2.1.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

40.4.2.1.7 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following elements (see "Terminal6" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[1..1]	±		1860

40.4.2.1.8 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

40.4.2.1.9 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData10" on page 1384 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

40.4.2.1.10 Token <Tkn>*Presence:* [0..1]*Definition:* Details of payment token.**Token <Tkn>** contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

40.4.2.2 Context <Cntxt>*Presence:* [1..1]*Definition:* Context of the chargeback transaction.**Context <Cntxt>** contains the following **Context16** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]	±		1206

40.4.2.2.1 TransactionContext <TxCntxt>*Presence:* [0..1]*Definition:* Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext8" on page 1545 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmntInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

40.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Chargeback transaction details.

Transaction <Tx> contains the following **Transaction154** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageReason <MsgRsn>	[0..*]	CodeSet		1208
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1208
	TransactionIdentification <TxId>	[1..1]	±		1208
	TransactionAmounts <TxAmts>	[1..1]	±		1209
	DisputeData <DsptData>	[1..1]	±		1209
	AdditionalFee <AddtlFee>	[0..*]	±		1210
	AdditionalInformation <AddtlInf>	[0..1]	±		1210
	AdditionalData <AddtlData>	[0..*]			1211
	Type <Tp>	[0..1]	Text		1211
	Value <Val>	[0..1]	Text		1211

40.4.2.3.1 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

40.4.2.3.2 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

40.4.2.3.3 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "[TransactionIdentification17](#)" on page 1910 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1911
	LocalTime <LclTm>	[0..1]	Time		1911
	TimeZone <TmZone>	[0..1]	Text		1911
	TransactionReference <TxRef>	[0..1]	Text		1911
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1912
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1912
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1912
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1912
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1912
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1913
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1913
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1913
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1913

40.4.2.3.4 TransactionAmounts <TxAmts>

Presence: [1..1]

Definition: Transaction amounts.

TransactionAmounts <TxAmts> contains the following elements (see "[TransactionAmounts2](#)" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

40.4.2.3.5 DisputeData <DsptData>

Presence: [1..1]

Definition: Data related to the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

40.4.2.3.6 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

40.4.2.3.7 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information related to the chargeback.

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation20" on page 1771 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1771
	OtherRecipient <OthrRcpt>	[0..1]	Text		1772
	Target <Trgt>	[0..*]	CodeSet		1772
	OtherTarget <OthrTrgt>	[0..1]	Text		1772
	Format <Frmt>	[0..1]	CodeSet		1772
	OtherFormat <OthrFrmt>	[0..1]	Text		1773
	Type <Tp>	[0..1]	Text		1773
	Value <Val>	[1..1]	Text		1773

40.4.2.3.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1211
	Value <Val>	[0..1]	Text		1211

40.4.2.3.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

40.4.2.3.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

40.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Result of the chargeback verification provided in the chargeback status.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult15" on page 2049 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2049
	ResultData <RsltData>	[1..1]	±		2049
	ErrorDetail <ErrDtl>	[0..*]			2050
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2050
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2051
	ErrorCode <ErrCd>	[0..1]	Text		2051
	ErrorDescription <ErrDesc>	[0..1]	Text		2051
	DataElementInError <DataElmtInErr>	[0..*]	Text		2051
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2051
	AdditionalInformation <AddtlInf>	[0..*]	±		2052

40.4.2.5 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

40.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

40.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

It corresponds partially to ISO 8583 field number 53, completed by the field number 64 or 128.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

41 canm.001.001.03 NetworkManagementInitiationV03

41.1 MessageDefinition Functionality

The NetworkManagementInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer) connected to a network. It covers the range of activities that control the operating conditions of the network.

Outline

The NetworkManagementInitiationV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the reversal of an authorisation or financial transaction.

C. SecurityTrailer

Trailer of the message containing a MAC

41.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <NtwkMgmtInittn>	[1..1]			
	Header <Hdr>	[1..1]	±		1219
	Body <Body>	[1..1]			1219
	Context <Cntxt>	[0..1]			1220
	TransactionContext <TxCntxt>	[0..1]			1221
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1221
	Jurisdiction <Jursdctn>	[0..1]			1222
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1222
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1222
	SettlementService <SttlmSvc>	[0..1]	±		1222
	Reconciliation <Rcncltn>	[0..1]	±		1223
	AdditionalData <AddtlData>	[0..*]			1223
	Type <Tp>	[0..1]	Text		1224
	Value <Val>	[0..1]	Text		1224
	Transaction <Tx>	[1..1]			1224
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1224
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1225
	MessageReason <MsgRsn>	[0..*]	CodeSet		1225
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1226
	TransactionIdentification <TxId>	[1..1]	±		1226
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1226
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1226
	AdditionalFee <AddtlFee>	[0..*]	±		1226
	TransactionDescription <TxDesc>	[0..1]	Text		1227
	AdditionalData <AddtlData>	[0..*]			1227
	Type <Tp>	[0..1]	Text		1227
	Value <Val>	[0..1]	Text		1227
	ProcessingResult <PrcgRslt>	[0..1]	±		1228
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1228
	SecurityTrailer <SctyTrlr>	[0..1]	±		1228

41.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

41.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

41.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header63" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1742
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		1743
	ExchangeIdentification <XchgId>	[0..1]	Text		1743
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1743
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1743
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1743
	InitiatingParty <InitgPty>	[1..1]	±		1743
	RecipientParty <RcptPty>	[0..1]	±		1744
	TraceData <TracData>	[0..*]			1744
	Type <Tp>	[0..1]	Text		1744
	Value <Val>	[0..1]	Text		1745
	Traceability <Tracblt>	[0..*]	±		1745

41.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the reversal of an authorisation or financial transaction.

Body <Body> contains the following **NetworkManagementInitiation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Context <Cntxt>	[0..1]			1220
	TransactionContext <TxCntxt>	[0..1]			1221
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	±		1221
	Jurisdiction <Jursdctn>	[0..1]			1222
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1222
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1222
	SettlementService <SttlmSvc>	[0..1]	±		1222
	Reconciliation <Rcncltn>	[0..1]	±		1223
	AdditionalData <AddtlData>	[0..*]			1223
	Type <Tp>	[0..1]	Text		1224
	Value <Val>	[0..1]	Text		1224
	Transaction <Tx>	[1..1]			1224
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1224
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1225
	MessageReason <MsgRsn>	[0..*]	CodeSet		1225
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1226
	TransactionIdentification <TxId>	[1..1]	±		1226
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1226
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1226
	AdditionalFee <AddtlFee>	[0..*]	±		1226
	TransactionDescription <TxDesc>	[0..1]	Text		1227
	AdditionalData <AddtlData>	[0..*]			1227
	Type <Tp>	[0..1]	Text		1227
	Value <Val>	[0..1]	Text		1227
	ProcessingResult <PrpgRslt>	[0..1]	±		1228
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1228

41.4.2.1 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1221
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1221
	Jurisdiction <Jursdctn>	[0..1]			1222
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1222
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1222
	SettlementService <SttlmSvc>	[0..1]	±		1222
	Reconciliation <Rcncltn>	[0..1]	±		1223
	AdditionalData <AddtlData>	[0..*]			1223
	Type <Tp>	[0..1]	Text		1224
	Value <Val>	[0..1]	Text		1224

41.4.2.1.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1221
	Jurisdiction <Jursdctn>	[0..1]			1222
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1222
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1222
	SettlementService <SttlmSvc>	[0..1]	±		1222
	Reconciliation <Rcncltn>	[0..1]	±		1223
	AdditionalData <AddtlData>	[0..*]			1223
	Type <Tp>	[0..1]	Text		1224
	Value <Val>	[0..1]	Text		1224

41.4.2.1.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

41.4.2.1.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1222
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		1222

41.4.2.1.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

41.4.2.1.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

41.4.2.1.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

41.4.2.1.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

41.4.2.1.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1224
	Value <Val>	[0..1]	Text		1224

41.4.2.1.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

41.4.2.1.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

41.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Details of an exchange or interaction between parties to perform a specific function.

Transaction <Tx> contains the following **Transaction134** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1224
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1225
	MessageReason <MsgRsn>	[0..*]	CodeSet		1225
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1226
	TransactionIdentification <TxId>	[1..1]	±		1226
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1226
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1226
	AdditionalFee <AddtlFee>	[0..*]	±		1226
	TransactionDescription <TxDesc>	[0..1]	Text		1227
	AdditionalData <AddtlData>	[0..*]			1227
	Type <Tp>	[0..1]	Text		1227
	Value <Val>	[0..1]	Text		1227

41.4.2.2.1 NetworkManagementType <NtwkMgmtTp>

Presence: [0..1]

Definition: Type of network management service.

ISO 8583:87/93 bit 24

ISO 8583:2003 bit 70

Datatype: "NetworkManagementType1Code" on page 2167

CodeName	Name	Definition
ECTS	EchoTest	Detects whether communication at application level is still active.
ESFW	EnableStoreAndForward	Enable receipt of store and forward advice and notification messages.
OTHN	OtherNational	Other type of communication management service defined at national level.
OTHP	OtherPrivate	Other type of network management service defined at private level.
SGNF	SignOff	Terminate communication at application level.
SGNN	SignOn	Establish communication at application level.
DSFW	DisableStoreAndForward	Disable receipt of store and forward advice and notification messages.
TSUN	TargetSystemUnavailable	System condition/target system unavailable
MOSB	MessageOriginatorSystemInBackup	System condition/message originator's system in backup.
SPIN	SpecialInstruction	System condition/special instruction
IART	InitiateAlternateRouting	System condition/initiate alternate routing
SYCL	SynchronizeClock	Clock synchronization
DRBI	DisableRecurringBilling	Disable the receipt of recurring billing.
ERBI	EnableRecurringBilling	Enable the receipt of recurring billing.

41.4.2.2.2 OtherNetworkManagementType <OthrNtwkMgmtTp>

Presence: [0..1]

Definition: Other type of network management in free text.

Datatype: "Max35Text" on page 2207

41.4.2.2.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

41.4.2.2.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

41.4.2.2.5 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

41.4.2.2.6 NumberOfMessages <NbOfMsgs>

Presence: [0..1]

Definition: Number of messages in the store and forward queue.

Datatype: "Number" on page 2198

41.4.2.2.7 MaximumNumberOfMessages <MaxNbOfMsgs>

Presence: [0..1]

Definition: Maximum number of messages in the store and forward queue.

Datatype: "Number" on page 2198

41.4.2.2.8 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

41.4.2.2.9 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Additional information pertaining to the network management type or function being performed.

Datatype: "Max1000Text" on page 2201

41.4.2.2.10 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1227
	Value <Val>	[0..1]	Text		1227

41.4.2.2.10.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

41.4.2.2.10.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

41.4.2.3 ProcessingResult <PrcgRslt>

Presence: [0..1]

Definition: Outcome of the processing of the authorisation

ProcessingResult <PrcgRslt> contains the following elements (see "[ProcessingResult16](#)" on page 2045 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2045
	ResultData <RsltData>	[0..1]	±		2045
	ApprovalCode <ApprvlCd>	[0..1]	Text		2046
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2046
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2046
	Action <Actn>	[0..*]	±		2047
	AdditionalAction <AddtlActn>	[0..*]	±		2047
	AdditionalInformation <AddtlInf>	[0..*]	±		2048

41.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "[SupplementaryDataRule](#)"

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

41.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

42 canm.002.001.03

NetworkManagementResponseV03

42.1 MessageDefinition Functionality

The NetworkManagementResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a NetworkManagementInitiation message.

Outline

The NetworkManagementResponseV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the response to a network management initiation message.

C. SecurityTrailer

Trailer of the message containing a MAC

42.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <NtwkMgmtRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1232
	Body <Body>	[1..1]			1232
	Context <Cntxt>	[0..1]			1233
	TransactionContext <TxCntxt>	[0..1]			1234
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1234
	Jurisdiction <Jursdctn>	[0..1]			1235
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1235
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1235
	SettlementService <SttlmSvc>	[0..1]	±		1235
	Reconciliation <Rcncltn>	[0..1]	±		1236
	AdditionalData <AddtlData>	[0..*]			1236
	Type <Tp>	[0..1]	Text		1237
	Value <Val>	[0..1]	Text		1237
	Transaction <Tx>	[1..1]			1237
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1237
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1238
	MessageReason <MsgRsn>	[0..*]	CodeSet		1238
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1239
	TransactionIdentification <TxId>	[1..1]	±		1239
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1239
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1239
	AdditionalFee <AddtlFee>	[0..*]	±		1239
	TransactionDescription <TxDesc>	[0..1]	Text		1240
	AdditionalData <AddtlData>	[0..*]			1240
	Type <Tp>	[0..1]	Text		1240
	Value <Val>	[0..1]	Text		1240
	ProcessingResult <PrcgRslt>	[1..1]	±		1241
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1241
	SecurityTrailer <SctyTrlr>	[0..1]	±		1242

42.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

C3 ValidationByTable

Must be a valid terrestrial language.

42.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

42.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header63" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1742
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		1743
	ExchangeIdentification <XchgId>	[0..1]	Text		1743
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1743
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1743
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1743
	InitiatingParty <InitgPty>	[1..1]	±		1743
	RecipientParty <RcptPty>	[0..1]	±		1744
	TraceData <TracData>	[0..*]			1744
	Type <Tp>	[0..1]	Text		1744
	Value <Val>	[0..1]	Text		1745
	Traceability <Tracblt>	[0..*]	±		1745

42.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the response to a network management initiation message.

Body <Body> contains the following **NetworkManagementResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Context <Cntxt>	[0..1]			1233
	TransactionContext <TxCntxt>	[0..1]			1234
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1234
	Jurisdiction <Jursdctn>	[0..1]			1235
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1235
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1235
	SettlementService <SttlmSvc>	[0..1]	±		1235
	Reconciliation <Rcncltn>	[0..1]	±		1236
	AdditionalData <AddtlData>	[0..*]			1236
	Type <Tp>	[0..1]	Text		1237
	Value <Val>	[0..1]	Text		1237
	Transaction <Tx>	[1..1]			1237
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1237
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1238
	MessageReason <MsgRsn>	[0..*]	CodeSet		1238
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1239
	TransactionIdentification <TxId>	[1..1]	±		1239
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1239
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1239
	AdditionalFee <AddtlFee>	[0..*]	±		1239
	TransactionDescription <TxDesc>	[0..1]	Text		1240
	AdditionalData <AddtlData>	[0..*]			1240
	Type <Tp>	[0..1]	Text		1240
	Value <Val>	[0..1]	Text		1240
	ProcessingResult <PrcgRslt>	[1..1]	±		1241
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1241

42.4.2.1 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1234
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1234
	Jurisdiction <Jursdctn>	[0..1]			1235
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1235
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1235
	SettlementService <SttlmSvc>	[0..1]	±		1235
	Reconciliation <Rcncltn>	[0..1]	±		1236
	AdditionalData <AddtlData>	[0..*]			1236
	Type <Tp>	[0..1]	Text		1237
	Value <Val>	[0..1]	Text		1237

42.4.2.1.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1234
	Jurisdiction <Jursdctn>	[0..1]			1235
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1235
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1235
	SettlementService <SttlmSvc>	[0..1]	±		1235
	Reconciliation <Rcncltn>	[0..1]	±		1236
	AdditionalData <AddtlData>	[0..*]			1236
	Type <Tp>	[0..1]	Text		1237
	Value <Val>	[0..1]	Text		1237

42.4.2.1.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

42.4.2.1.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1235
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		1235

42.4.2.1.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

42.4.2.1.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

42.4.2.1.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

42.4.2.1.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

42.4.2.1.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1237
	Value <Val>	[0..1]	Text		1237

42.4.2.1.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

42.4.2.1.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

42.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Details of an exchange or interaction between parties to perform a specific function.

Transaction <Tx> contains the following **Transaction134** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1237
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1238
	MessageReason <MsgRsn>	[0..*]	CodeSet		1238
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1239
	TransactionIdentification <TxId>	[1..1]	±		1239
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1239
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1239
	AdditionalFee <AddtlFee>	[0..*]	±		1239
	TransactionDescription <TxDesc>	[0..1]	Text		1240
	AdditionalData <AddtlData>	[0..*]			1240
	Type <Tp>	[0..1]	Text		1240
	Value <Val>	[0..1]	Text		1240

42.4.2.2.1 NetworkManagementType <NtwkMgmtTp>

Presence: [0..1]

Definition: Type of network management service.

ISO 8583:87/93 bit 24

ISO 8583:2003 bit 70

Datatype: "NetworkManagementType1Code" on page 2167

CodeName	Name	Definition
ECTS	EchoTest	Detects whether communication at application level is still active.
ESFW	EnableStoreAndForward	Enable receipt of store and forward advice and notification messages.
OTHN	OtherNational	Other type of communication management service defined at national level.
OTHP	OtherPrivate	Other type of network management service defined at private level.
SGNF	SignOff	Terminate communication at application level.
SGNN	SignOn	Establish communication at application level.
DSFW	DisableStoreAndForward	Disable receipt of store and forward advice and notification messages.
TSUN	TargetSystemUnavailable	System condition/target system unavailable
MOSB	MessageOriginatorSystemInBackup	System condition/message originator's system in backup.
SPIN	SpecialInstruction	System condition/special instruction
IART	InitiateAlternateRouting	System condition/initiate alternate routing
SYCL	SynchronizeClock	Clock synchronization
DRBI	DisableRecurringBilling	Disable the receipt of recurring billing.
ERBI	EnableRecurringBilling	Enable the receipt of recurring billing.

42.4.2.2.2 OtherNetworkManagementType <OthrNtwkMgmtTp>

Presence: [0..1]

Definition: Other type of network management in free text.

Datatype: "Max35Text" on page 2207

42.4.2.2.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

42.4.2.2.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

42.4.2.2.5 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

42.4.2.2.6 NumberOfMessages <NbOfMsgs>

Presence: [0..1]

Definition: Number of messages in the store and forward queue.

Datatype: "Number" on page 2198

42.4.2.2.7 MaximumNumberOfMessages <MaxNbOfMsgs>

Presence: [0..1]

Definition: Maximum number of messages in the store and forward queue.

Datatype: "Number" on page 2198

42.4.2.2.8 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

42.4.2.2.9 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Additional information pertaining to the network management type or function being performed.

Datatype: "Max1000Text" on page 2201

42.4.2.2.10 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1240
	Value <Val>	[0..1]	Text		1240

42.4.2.2.10.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

42.4.2.2.10.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

42.4.2.3 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "[ProcessingResult9](#)" on page 2082 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2082
	ResultData <RsltData>	[1..1]	±		2083
	ApprovalCode <ApprvlCd>	[0..1]	Text		2083
	ErrorDetail <ErrDtl>	[0..*]			2083
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2084
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2084
	ErrorCode <ErrCd>	[0..1]	Text		2085
	ErrorDescription <ErrDesc>	[0..1]	Text		2085
	DataElementInError <DataElmtInErr>	[0..*]	Text		2085
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2085
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2085
	Action <Actn>	[0..*]	±		2086
	AdditionalAction <AddtlActn>	[0..*]	±		2086
	AdditionalInformation <AddtlInf>	[0..*]	±		2087

42.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "[SupplementaryDataRule](#)"

SupplementaryData <SplmtryData> contains the following elements (see "[SupplementaryData1](#)" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

42.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "[ContentInformationType20](#)" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtc>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

43 canm.003.001.03 KeyExchangeInitiationV03

43.1 MessageDefinition Functionality

The KeyExchangeInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer). This message is used to initiate a cryptographic key activity (request of a key change, request of the verification of a key, etc.).

Outline

The KeyExchangeInitiationV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to a key exchange activity.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

43.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <KeyXchgInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		1245
	Body <Body>	[1..1]			1246
	Context <Cntxt>	[0..1]			1248
	TransactionContext <TxCntxt>	[0..1]			1248
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1249
	Jurisdiction <Jursdctn>	[0..1]			1249
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1249
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1250
	SettlementService <SttlmSvc>	[0..1]	±		1250
	Reconciliation <Rcncltn>	[0..1]	±		1250
	AdditionalData <AddtlData>	[0..*]			1251
	Type <Tp>	[0..1]	Text		1251
	Value <Val>	[0..1]	Text		1251
	Transaction <Tx>	[1..1]			1251
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1252
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1253
	MessageReason <MsgRsn>	[0..*]	CodeSet		1253
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1253
	TransactionIdentification <TxId>	[1..1]	±		1253
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1253
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1254
	KeyExchangeData <KeyXchgData>	[0..1]			1254
	Control <Ctrl>	[0..1]	Text		1254
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1255
	DerivedInformation <DrvdInf>	[0..1]	Text		1255
	Algorithm <Algo>	[0..1]	Text		1255
	KeyLength <KeyLngth>	[0..1]	Text		1255
	KeyProtection <KeyPrtcn>	[0..1]	Text		1255
	KeyIndex <KeyIndx>	[0..1]	Text		1256

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedData <NcrptdData>	[0..1]	Text		1256
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1256
	AdditionalFee <AddtlFee>	[0..*]	±		1256
	AdditionalData <AddtlData>	[0..*]			1257
	Type <Tp>	[0..1]	Text		1257
	Value <Val>	[0..1]	Text		1257
	ProtectedData <PrctcdData>	[0..*]	±		1257
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1260
	SecurityTrailer <SctyTrlr>	[0..1]	±		1260

43.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

43.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

43.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header63" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1742
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1743
	ExchangeIdentification <XchgId>	[0..1]	Text		1743
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1743
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1743
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1743
	InitiatingParty <InitgPty>	[1..1]	±		1743
	RecipientParty <RcptPty>	[0..1]	±		1744
	TraceData <TracData>	[0..*]			1744
	Type <Tp>	[0..1]	Text		1744
	Value <Val>	[0..1]	Text		1745
	Traceability <Tracblt>	[0..*]	±		1745

43.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to a key exchange activity.

Body <Body> contains the following KeyExchangeInitiation2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Context <Cntxt>	[0..1]			1248
	TransactionContext <TxCntxt>	[0..1]			1248
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	±		1249
	Jurisdiction <Jursdctn>	[0..1]			1249
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1249
	DomesticQualification <DmstQlfcnt>	[0..1]	Text		1250
	SettlementService <SttlmSvc>	[0..1]	±		1250
	Reconciliation <Rcncltn>	[0..1]	±		1250
	AdditionalData <AddtlData>	[0..*]			1251
	Type <Tp>	[0..1]	Text		1251
	Value <Val>	[0..1]	Text		1251
	Transaction <Tx>	[1..1]			1251
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1252
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1253
	MessageReason <MsgRsn>	[0..*]	CodeSet		1253
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1253
	TransactionIdentification <TxId>	[1..1]	±		1253
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1253
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1254
	KeyExchangeData <KeyXchgData>	[0..1]			1254
	Control <Ctrl>	[0..1]	Text		1254
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1255
	DerivedInformation <DrvdInf>	[0..1]	Text		1255
	Algorithm <Algo>	[0..1]	Text		1255
	KeyLength <KeyLngth>	[0..1]	Text		1255
	KeyProtection <KeyPrtcn>	[0..1]	Text		1255
	KeyIndex <KeyIndx>	[0..1]	Text		1256
	EncryptedData <NcrptdData>	[0..1]	Text		1256
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1256
	AdditionalFee <AddtlFee>	[0..*]	±		1256
	AdditionalData <AddtlData>	[0..*]			1257

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1257
	Value <Val>	[0..1]	Text		1257
	ProtectedData <PrctcdData>	[0..*]	±		1257
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1260

43.4.2.1 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1248
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1249
	Jurisdiction <Jursdctn>	[0..1]			1249
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1249
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1250
	SettlementService <SttlmSvc>	[0..1]	±		1250
	Reconciliation <Rcncltn>	[0..1]	±		1250
	AdditionalData <AddtlData>	[0..*]			1251
	Type <Tp>	[0..1]	Text		1251
	Value <Val>	[0..1]	Text		1251

43.4.2.1.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	±		1249
	Jurisdiction <Jursdctn>	[0..1]			1249
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1249
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1250
	SettlementService <SttlmSvc>	[0..1]	±		1250
	Reconciliation <Rcncltn>	[0..1]	±		1250
	AdditionalData <AddtlData>	[0..*]			1251
	Type <Tp>	[0..1]	Text		1251
	Value <Val>	[0..1]	Text		1251

43.4.2.1.1.1 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtlId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

43.4.2.1.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1249
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1250

43.4.2.1.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

43.4.2.1.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

43.4.2.1.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

43.4.2.1.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

43.4.2.1.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1251
	Value <Val>	[0..1]	Text		1251

43.4.2.1.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

43.4.2.1.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

43.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Details of an exchange or interaction between parties to perform a specific function.

Transaction <Tx> contains the following **Transaction133** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1252
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1253
	MessageReason <MsgRsn>	[0..*]	CodeSet		1253
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1253
	TransactionIdentification <TxId>	[1..1]	±		1253
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1253
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1254
	KeyExchangeData <KeyXchgData>	[0..1]			1254
	Control <Ctrl>	[0..1]	Text		1254
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1255
	DerivedInformation <DrvdInf>	[0..1]	Text		1255
	Algorithm <Algo>	[0..1]	Text		1255
	KeyLength <KeyLngth>	[0..1]	Text		1255
	KeyProtection <KeyPrtcn>	[0..1]	Text		1255
	KeyIndex <KeyIndx>	[0..1]	Text		1256
	EncryptedData <NcrptdData>	[0..1]	Text		1256
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1256
	AdditionalFee <AddtlFee>	[0..*]	±		1256
	AdditionalData <AddtlData>	[0..*]			1257
	Type <Tp>	[0..1]	Text		1257
	Value <Val>	[0..1]	Text		1257

43.4.2.2.1 KeyExchangeFunction <KeyXchgFctn>

Presence: [1..1]

Definition: Type of key exchange function being performed.

Datatype: "CardServiceType5Code" on page 2138

CodeName	Name	Definition
KYDL	DeliverKey	Convey the key to the receiver.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.
DEKY	DeactivateKey	Deactivate the specified key.

CodeName	Name	Definition
RQKY	RequestKey	Request new key to be generated and conveyed.

43.4.2.2.2 OtherKeyExchangeFunction <OthrKeyXchgFctn>

Presence: [0..1]

Definition: Other key exchange function being performed.

Datatype: "Max35Text" on page 2207

43.4.2.2.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

43.4.2.2.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Alternate reason to send a message.

Datatype: "Max256Text" on page 2206

43.4.2.2.5 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

43.4.2.2.6 KeyExchangeType <KeyXchgTp>

Presence: [0..1]

Definition: Defines the type of key being exchanged.

Datatype: "KeyType1Code" on page 2158

CodeName	Name	Definition
OTHN	OtherNational	Other national
OTHP	OtherPrivate	Other private
PTKA	PINtranslationKeyAcquirer	PIN translation key applicable to the acquirer
PTKI	PINtranslationKeyIssuer	PIN translation key applicable to the issuer

43.4.2.2.7 OtherKeyExchangeType <OthrKeyXchgTp>

Presence: [0..1]

Definition: Other type of key being exchanged.

Datatype: "Max35Text" on page 2207

43.4.2.2.8 KeyExchangeData <KeyXchgData>

Presence: [0..1]

Definition: Contains information pertaining to a key exchange.

ISO 8583 bit 96

KeyExchangeData <KeyXchgData> contains the following **KeyExchangeData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1254
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1255
	DerivedInformation <DrvdInf>	[0..1]	Text		1255
	Algorithm <Algo>	[0..1]	Text		1255
	KeyLength <KeyLngth>	[0..1]	Text		1255
	KeyProtection <KeyPrtc>	[0..1]	Text		1255
	KeyIndex <KeyIndx>	[0..1]	Text		1256
	EncryptedData <NcrptdData>	[0..1]	Text		1256
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1256

43.4.2.2.8.1 Control <Ctrl>

Presence: [0..1]

Definition: Identifies the key management scheme and associated structure of the remainder of the data element

ISO 13492

Binary, length of 1

Datatype: "Exact1HexBinaryText" on page 2200

43.4.2.2.8.2 KeySetIdentifier <KeySetIdr>

Presence: [0..1]

Definition: key-set identifier is a number that uniquely identifies a group of related keys that are all different but have certain characteristics in common.

ISO 13492

lengths of 6 or 8

Datatype: "Max8NumericText" on page 2210

43.4.2.2.8.3 DerivedInformation <DrvdInf>

Presence: [0..1]

Definition: Random number or counter in order to have a unique key per transaction. for example, UKPT PIN encryption or contains the transaction counter.

ISO 13492

Binary, lengths of 5, 8, 16 or 32

Datatype: "Max32HexBinaryText" on page 2206

43.4.2.2.8.4 Algorithm <Algo>

Presence: [0..1]

Definition: Selects the encryption algorithm used to encipher the keys contained in the associated key management data element.

ISO 13492

Datatype: "Max2NumericText" on page 2206

43.4.2.2.8.5 KeyLength <KeyLngth>

Presence: [0..1]

Definition: Specifies the length of the keys being transported, not the encrypting key.

ISO 13492

Datatype: "Max4NumericText" on page 2208

43.4.2.2.8.6 KeyProtection <KeyPrtcn>

Presence: [0..1]

Definition: Mechanism used to provide key confidentiality and integrity.

ISO 13492

Datatype: "Max2NumericText" on page 2206

43.4.2.2.8.7 KeyIndex <KeyIdx>

Presence: [0..1]

Definition: Identifies a unique key set when multiple keys with the same key set identifier are used. for example, key rotation.

ISO 13492

Length of 2 or 5

Datatype: "Max5NumericText" on page 2209

43.4.2.2.8.8 EncryptedData <NcrptdData>

Presence: [0..1]

Definition: Uses a structure within it prior to encryption to identify the data.

Binary, length of 8 up to 9999

Datatype: "Max9999HexBinaryText" on page 2210

43.4.2.2.8.9 KeyChecksumValue <KeyChcksmVal>

Presence: [0..1]

Definition: Contains a value used to verify a conveyed key. Length depends on the algorithm used.

Binary, length of 8 up to 9999

Datatype: "Max9999HexBinaryText" on page 2210

43.4.2.2.9 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

43.4.2.2.10 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1257
	Value <Val>	[0..1]	Text		1257

43.4.2.2.10.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

43.4.2.2.10.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

43.4.2.3 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

43.4.2.4 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

43.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

44 canm.004.001.03 KeyExchangeResponseV03

44.1 MessageDefinition Functionality

The KeyExchangeResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a KeyExchangeInitiation message.

Outline

The KeyExchangeResponseV03 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Contains information pertaining to a key exchange.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

44.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <KeyXchgRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1264
	Body <Body>	[1..1]			1265
	Context <Cntxt>	[0..1]			1267
	TransactionContext <TxCntxt>	[0..1]			1267
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1268
	Jurisdiction <Jursdctn>	[0..1]			1268
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1268
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1269
	SettlementService <SttlmSvc>	[0..1]	±		1269
	Reconciliation <Rcncltn>	[0..1]	±		1269
	AdditionalData <AddtlData>	[0..*]			1270
	Type <Tp>	[0..1]	Text		1270
	Value <Val>	[0..1]	Text		1270
	Transaction <Tx>	[1..1]			1270
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1271
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1272
	MessageReason <MsgRsn>	[0..*]	CodeSet		1272
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1272
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1273
	KeyExchangeData <KeyXchgData>	[0..1]			1273
	Control <Ctrl>	[0..1]	Text		1273
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1274
	DerivedInformation <DrvdInf>	[0..1]	Text		1274
	Algorithm <Algo>	[0..1]	Text		1274
	KeyLength <KeyLngth>	[0..1]	Text		1274
	KeyProtection <KeyPrtcn>	[0..1]	Text		1274
	KeyIndex <KeyIndx>	[0..1]	Text		1275

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedData <NcrptdData>	[0..1]	Text		1275
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1275
	AdditionalFee <AddtlFee>	[0..*]	±		1275
	AdditionalData <AddtlData>	[0..*]			1276
	Type <Tp>	[0..1]	Text		1276
	Value <Val>	[0..1]	Text		1276
	ProcessingResult <PrcgRslt>	[1..1]	±		1276
	ProtectedData <PrctcdData>	[0..*]	±		1277
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1280
	SecurityTrailer <SctyTrlr>	[0..1]	±		1280

44.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

44.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

44.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header63" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1742
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1743
	ExchangeIdentification <XchgId>	[0..1]	Text		1743
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1743
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1743
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1743
	InitiatingParty <InitgPty>	[1..1]	±		1743
	RecipientParty <RcptPty>	[0..1]	±		1744
	TraceData <TracData>	[0..*]			1744
	Type <Tp>	[0..1]	Text		1744
	Value <Val>	[0..1]	Text		1745
	Traceability <Tracblt>	[0..*]	±		1745

44.4.2 Body <Body>

Presence: [1..1]

Definition: Contains information pertaining to a key exchange.

Body <Body> contains the following **KeyExchangeResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Context <Cntxt>	[0..1]			1267
	TransactionContext <TxCntxt>	[0..1]			1267
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1268
	Jurisdiction <Jursdctn>	[0..1]			1268
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1268
	DomesticQualification <DmstQlfcnt>	[0..1]	Text		1269
	SettlementService <SttlmSvc>	[0..1]	±		1269
	Reconciliation <Rcncltn>	[0..1]	±		1269
	AdditionalData <AddtlData>	[0..*]			1270
	Type <Tp>	[0..1]	Text		1270
	Value <Val>	[0..1]	Text		1270
	Transaction <Tx>	[1..1]			1270
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1271
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1272
	MessageReason <MsgRsn>	[0..*]	CodeSet		1272
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1272
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1273
	KeyExchangeData <KeyXchgData>	[0..1]			1273
	Control <Ctrl>	[0..1]	Text		1273
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1274
	DerivedInformation <DrvdInf>	[0..1]	Text		1274
	Algorithm <Algo>	[0..1]	Text		1274
	KeyLength <KeyLngth>	[0..1]	Text		1274
	KeyProtection <KeyPrtcn>	[0..1]	Text		1274
	KeyIndex <KeyIndx>	[0..1]	Text		1275
	EncryptedData <NcrptdData>	[0..1]	Text		1275
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1275
	AdditionalFee <AddtlFee>	[0..*]	±		1275
	AdditionalData <AddtlData>	[0..*]			1276

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1276
	Value <Val>	[0..1]	Text		1276
	ProcessingResult <PrcgRslt>	[1..1]	±		1276
	ProtectedData <PrtctdData>	[0..*]	±		1277
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1280

44.4.2.1 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1267
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1268
	Jurisdiction <Jursdctn>	[0..1]			1268
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1268
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1269
	SettlementService <SttlmSvc>	[0..1]	±		1269
	Reconciliation <Rcncltn>	[0..1]	±		1269
	AdditionalData <AddtlData>	[0..*]			1270
	Type <Tp>	[0..1]	Text		1270
	Value <Val>	[0..1]	Text		1270

44.4.2.1.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApId>	[0..1]	±		1268
	Jurisdiction <Jursdctn>	[0..1]			1268
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1268
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1269
	SettlementService <SttlmSvc>	[0..1]	±		1269
	Reconciliation <Rcncltn>	[0..1]	±		1269
	AdditionalData <AddtlData>	[0..*]			1270
	Type <Tp>	[0..1]	Text		1270
	Value <Val>	[0..1]	Text		1270

44.4.2.1.1.1 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtlId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

44.4.2.1.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1268
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1269

44.4.2.1.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

44.4.2.1.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: ["Max35Text"](#) on page 2207

44.4.2.1.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see ["SettlementService4"](#) on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

44.4.2.1.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

44.4.2.1.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1270
	Value <Val>	[0..1]	Text		1270

44.4.2.1.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

44.4.2.1.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

44.4.2.2 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction133** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1271
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1272
	MessageReason <MsgRsn>	[0..*]	CodeSet		1272
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1272
	TransactionIdentification <TxId>	[1..1]	±		1272
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1272
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1273
	KeyExchangeData <KeyXchgData>	[0..1]			1273
	Control <Ctrl>	[0..1]	Text		1273
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1274
	DerivedInformation <DrvdInf>	[0..1]	Text		1274
	Algorithm <Algo>	[0..1]	Text		1274
	KeyLength <KeyLngth>	[0..1]	Text		1274
	KeyProtection <KeyPrtcn>	[0..1]	Text		1274
	KeyIndex <KeyIndx>	[0..1]	Text		1275
	EncryptedData <NcrptdData>	[0..1]	Text		1275
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1275
	AdditionalFee <AddtlFee>	[0..*]	±		1275
	AdditionalData <AddtlData>	[0..*]			1276
	Type <Tp>	[0..1]	Text		1276
	Value <Val>	[0..1]	Text		1276

44.4.2.2.1 KeyExchangeFunction <KeyXchgFctn>

Presence: [1..1]

Definition: Type of key exchange function being performed.

Datatype: "CardServiceType5Code" on page 2138

CodeName	Name	Definition
KYDL	DeliverKey	Convey the key to the receiver.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.
DEKY	DeactivateKey	Deactivate the specified key.

CodeName	Name	Definition
RQKY	RequestKey	Request new key to be generated and conveyed.

44.4.2.2.2 OtherKeyExchangeFunction <OthrKeyXchgFctn>

Presence: [0..1]

Definition: Other key exchange function being performed.

Datatype: "Max35Text" on page 2207

44.4.2.2.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

44.4.2.2.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Alternate reason to send a message.

Datatype: "Max256Text" on page 2206

44.4.2.2.5 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

44.4.2.2.6 KeyExchangeType <KeyXchgTp>

Presence: [0..1]

Definition: Defines the type of key being exchanged.

Datatype: "KeyType1Code" on page 2158

CodeName	Name	Definition
OTHN	OtherNational	Other national
OTHP	OtherPrivate	Other private
PTKA	PINtranslationKeyAcquirer	PIN translation key applicable to the acquirer
PTKI	PINtranslationKeyIssuer	PIN translation key applicable to the issuer

44.4.2.2.7 OtherKeyExchangeType <OthrKeyXchgTp>

Presence: [0..1]

Definition: Other type of key being exchanged.

Datatype: "Max35Text" on page 2207

44.4.2.2.8 KeyExchangeData <KeyXchgData>

Presence: [0..1]

Definition: Contains information pertaining to a key exchange.

ISO 8583 bit 96

KeyExchangeData <KeyXchgData> contains the following **KeyExchangeData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1273
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1274
	DerivedInformation <DrvdInf>	[0..1]	Text		1274
	Algorithm <Algo>	[0..1]	Text		1274
	KeyLength <KeyLngth>	[0..1]	Text		1274
	KeyProtection <KeyPrtcn>	[0..1]	Text		1274
	KeyIndex <KeyIndx>	[0..1]	Text		1275
	EncryptedData <NcrptdData>	[0..1]	Text		1275
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1275

44.4.2.2.8.1 Control <Ctrl>

Presence: [0..1]

Definition: Identifies the key management scheme and associated structure of the remainder of the data element

ISO 13492

Binary, length of 1

Datatype: "Exact1HexBinaryText" on page 2200

44.4.2.2.8.2 KeySetIdentifier <KeySetIdr>

Presence: [0..1]

Definition: key-set identifier is a number that uniquely identifies a group of related keys that are all different but have certain characteristics in common.

ISO 13492

lengths of 6 or 8

Datatype: "Max8NumericText" on page 2210

44.4.2.2.8.3 DerivedInformation <DrvdInf>

Presence: [0..1]

Definition: Random number or counter in order to have a unique key per transaction. for example, UKPT PIN encryption or contains the transaction counter.

ISO 13492

Binary, lengths of 5, 8, 16 or 32

Datatype: "Max32HexBinaryText" on page 2206

44.4.2.2.8.4 Algorithm <Algo>

Presence: [0..1]

Definition: Selects the encryption algorithm used to encipher the keys contained in the associated key management data element.

ISO 13492

Datatype: "Max2NumericText" on page 2206

44.4.2.2.8.5 KeyLength <KeyLngth>

Presence: [0..1]

Definition: Specifies the length of the keys being transported, not the encrypting key.

ISO 13492

Datatype: "Max4NumericText" on page 2208

44.4.2.2.8.6 KeyProtection <KeyPrtn>

Presence: [0..1]

Definition: Mechanism used to provide key confidentiality and integrity.

ISO 13492

Datatype: "Max2NumericText" on page 2206

44.4.2.2.8.7 KeyIndex <KeyIdx>

Presence: [0..1]

Definition: Identifies a unique key set when multiple keys with the same key set identifier are used. for example, key rotation.

ISO 13492

Length of 2 or 5

Datatype: "Max5NumericText" on page 2209

44.4.2.2.8.8 EncryptedData <NcrptdData>

Presence: [0..1]

Definition: Uses a structure within it prior to encryption to identify the data.

Binary, length of 8 up to 9999

Datatype: "Max9999HexBinaryText" on page 2210

44.4.2.2.8.9 KeyChecksumValue <KeyChcksmVal>

Presence: [0..1]

Definition: Contains a value used to verify a conveyed key. Length depends on the algorithm used.

Binary, length of 8 up to 9999

Datatype: "Max9999HexBinaryText" on page 2210

44.4.2.2.9 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

44.4.2.2.10 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1276
	Value <Val>	[0..1]	Text		1276

44.4.2.2.10.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

44.4.2.2.10.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

44.4.2.3 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Outcome of the processing of the authorisation.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult19" on page 2026 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

44.4.2.4 ProtectedData <PrtctdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

44.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

44.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

45 casr.001.001.02 SettlementReportingInitiationV02

45.1 MessageDefinition Functionality

The SettlementReportingInitiation message is usually sent by an agent (processor, clearing or settlement agent) to an acquirer, agent or issuer to inform about financial totals already settled or to be settled issued as an outcome of the clearing process.

Outline

The SettlementReportingInitiationV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

- A. Header
 - Information related to the management of the protocol.
- B. Body
 - Information related to the initiation of the settlement.
- C. SecurityTrailer
 - Trailer of the message containing a MAC

45.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SttlmRptgInith>	[1..1]			
	Header <Hdr>	[1..1]	±		1285
	Body <Body>	[1..1]			1285
	Environment <Envt>	[1..1]			1287
	SettlementInstitution <SttlmInstn>	[0..1]	±		1288
	Originator <Orgtr>	[0..1]	±		1289
	Sender <Sndr>	[0..1]	±		1290
	Receiver <Rcvr>	[0..1]	±		1291
	Destination <Dstn>	[0..1]	±		1292
	FinancialInstitution <FI>	[0..1]			1293
	Identification <Id>	[1..1]	±		1293
	AccountNumber <AcctNb>	[0..1]	Text		1294
	OtherInstitution <OthrInstn>	[0..1]	±		1294
	Context <Cntxt>	[0..1]			1295
	TransactionContext <TxCntxt>	[0..1]			1296
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1296
	Jurisdiction <Jursdctn>	[0..1]			1297
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1297
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1297
	SettlementService <SttlmSvc>	[0..1]	±		1297
	Reconciliation <Rcncltn>	[0..1]	±		1298
	AdditionalData <AddtlData>	[0..*]			1298
	Type <Tp>	[0..1]	Text		1299
	Value <Val>	[0..1]	Text		1299
	Transaction <Tx>	[1..1]			1299
	SettlementReportType <SttlmRptTp>	[1..1]	CodeSet		1301
	OtherSettlementReportType <OthrSttlmRptTp>	[0..1]	Text		1301
	MessageReason <MsgRsn>	[0..*]	CodeSet		1301
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1301
	TransactionIdentification <TxId>	[1..1]	±		1301

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalFee <AddtlFee>	[0..*]	±		1302
	SettlementTotals <SttlmTtls>	[0..1]			1302
	AcquirerTotals <AcqrrTtls>	[0..1]			1303
	Count <Cnt>	[0..1]	Quantity		1304
	Amount <Amt>	[1..1]	±		1304
	InterchangeFee <IntrchnngFee>	[0..1]	±		1304
	ProcessingFee <PrcgFee>	[0..1]	±		1304
	IssuerTotals <IssrTtls>	[0..1]			1304
	Count <Cnt>	[0..1]	Quantity		1305
	Amount <Amt>	[1..1]	±		1305
	InterchangeFee <IntrchnngFee>	[0..1]	±		1305
	ProcessingFee <PrcgFee>	[0..1]	±		1305
	OtherTotals <OthrTtls>	[0..1]			1306
	Count <Cnt>	[0..1]	Quantity		1306
	Amount <Amt>	[1..1]	±		1306
	InterchangeFee <IntrchnngFee>	[0..1]	±		1306
	ProcessingFee <PrcgFee>	[0..1]	±		1307
	TotalSettlementAmount <TtlSttlmAmt>	[0..1]			1307
	Count <Cnt>	[0..1]	Quantity		1307
	Amount <Amt>	[1..1]	±		1307
	InterchangeFee <IntrchnngFee>	[0..1]	±		1308
	ProcessingFee <PrcgFee>	[0..1]	±		1308
	FundsTransferAmount <FndsTrfAmt>	[0..1]	±		1308
	TransactionDescription <TxDesc>	[0..1]	Text		1309
	AdditionalData <AddtlData>	[0..*]			1309
	Type <Tp>	[0..1]	Text		1309
	Value <Val>	[0..1]	Text		1309
	ProtectedData <PrctcdData>	[0..*]	±		1309
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1312
	SecurityTrailer <SctyTrlr>	[0..1]	±		1312

45.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

45.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

45.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "[Header66](#)" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

45.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the initiation of the settlement.

Body <Body> contains the following SettlementReportingInitiation2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1287
	SettlementInstitution <SttlmInstn>	[0..1]	±		1288
	Originator <Orgtr>	[0..1]	±		1289
	Sender <Sndr>	[0..1]	±		1290
	Receiver <Rcvr>	[0..1]	±		1291
	Destination <Dstn>	[0..1]	±		1292
	FinancialInstitution <FI>	[0..1]			1293
	Identification <Id>	[1..1]	±		1293
	AccountNumber <AcctNb>	[0..1]	Text		1294
	OtherInstitution <OthrInstn>	[0..1]	±		1294
	Context <Cntxt>	[0..1]			1295
	TransactionContext <TxCntxt>	[0..1]			1296
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1296
	Jurisdiction <Jursdctn>	[0..1]			1297
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1297
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1297
	SettlementService <SttlmSvc>	[0..1]	±		1297
	Reconciliation <Rcncltn>	[0..1]	±		1298
	AdditionalData <AddtlData>	[0..*]			1298
	Type <Tp>	[0..1]	Text		1299
	Value <Val>	[0..1]	Text		1299
	Transaction <Tx>	[1..1]			1299
	SettlementReportType <SttlmRptTp>	[1..1]	CodeSet		1301
	OtherSettlementReportType <OthrSttlmRptTp>	[0..1]	Text		1301
	MessageReason <MsgRsn>	[0..*]	CodeSet		1301
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1301
	TransactionIdentification <TxId>	[1..1]	±		1301
	AdditionalFee <AddtlFee>	[0..*]	±		1302
	SettlementTotals <SttlmTtls>	[0..1]			1302
	AcquirerTotals <AcqrrTtls>	[0..1]			1303
	Count <Cnt>	[0..1]	Quantity		1304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	±		1304
	InterchangeFee <IntrchnngFee>	[0..1]	±		1304
	ProcessingFee <PrcgFee>	[0..1]	±		1304
	IssuerTotals <IssrTtls>	[0..1]			1304
	Count <Cnt>	[0..1]	Quantity		1305
	Amount <Amt>	[1..1]	±		1305
	InterchangeFee <IntrchnngFee>	[0..1]	±		1305
	ProcessingFee <PrcgFee>	[0..1]	±		1305
	OtherTotals <OthrTtls>	[0..1]			1306
	Count <Cnt>	[0..1]	Quantity		1306
	Amount <Amt>	[1..1]	±		1306
	InterchangeFee <IntrchnngFee>	[0..1]	±		1306
	ProcessingFee <PrcgFee>	[0..1]	±		1307
	TotalSettlementAmount <TtlSttlmAmt>	[0..1]			1307
	Count <Cnt>	[0..1]	Quantity		1307
	Amount <Amt>	[1..1]	±		1307
	InterchangeFee <IntrchnngFee>	[0..1]	±		1308
	ProcessingFee <PrcgFee>	[0..1]	±		1308
	FundsTransferAmount <FndsTrfAmt>	[0..1]	±		1308
	TransactionDescription <TxDesc>	[0..1]	Text		1309
	AdditionalData <AddtlData>	[0..*]			1309
	Type <Tp>	[0..1]	Text		1309
	Value <Val>	[0..1]	Text		1309
	ProtectedData <PrctcdData>	[0..*]	±		1309
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1312

45.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementInstitution <SttlmInstn>	[0..1]	±		1288
	Originator <Orgtr>	[0..1]	±		1289
	Sender <Sndr>	[0..1]	±		1290
	Receiver <Rcvr>	[0..1]	±		1291
	Destination <Dstn>	[0..1]	±		1292
	FinancialInstitution <FI>	[0..1]			1293
	Identification <Id>	[1..1]	±		1293
	AccountNumber <AcctNb>	[0..1]	Text		1294
	OtherInstitution <OthrInstn>	[0..1]	±		1294

45.4.2.1.1 SettlementInstitution <SttlmInstn>

Presence: [0..1]

Definition: financial institution (or its agent) at which the accounts are held by the parties settling. This institution, acting on information provided by the parties, transfers the appropriate funds between the accounts.

SettlementInstitution <SttlmInstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

45.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

45.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

45.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

45.4.2.1.5 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

45.4.2.1.6 FinancialInstitution <FI>

Presence: [0..1]

Definition: Financial Institution to which the settlement totals apply.

FinancialInstitution <FI> contains the following **FinancialInstitution6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1293
	AccountNumber <AcctNb>	[0..1]	Text		1294

45.4.2.1.6.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the financial institution.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

45.4.2.1.6.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Account number from which the funds get debited or credited.

Datatype: "Max35Text" on page 2207

45.4.2.1.7 OtherInstitution <OthrInstn>

Presence: [0..1]

Definition: Additional institution involved in settlement. For example, the other party involved in bilateral settlement agreement.

OtherInstitution <OthrInstn> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

45.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1296
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1296
	Jurisdiction <Jursdctn>	[0..1]			1297
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1297
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1297
	SettlementService <SttlmSvc>	[0..1]	±		1297
	Reconciliation <Rcncltn>	[0..1]	±		1298
	AdditionalData <AddtlData>	[0..*]			1298
	Type <Tp>	[0..1]	Text		1299
	Value <Val>	[0..1]	Text		1299

45.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1296
	Jurisdiction <Jursdctn>	[0..1]			1297
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1297
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1297
	SettlementService <SttlmSvc>	[0..1]	±		1297
	Reconciliation <Rcncltn>	[0..1]	±		1298
	AdditionalData <AddtlData>	[0..*]			1298
	Type <Tp>	[0..1]	Text		1299
	Value <Val>	[0..1]	Text		1299

45.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

45.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1297
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		1297

45.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

45.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

45.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

45.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

45.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1299
	Value <Val>	[0..1]	Text		1299

45.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

45.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

45.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following Transaction138 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementReportType <SttlmRptTp>	[1..1]	CodeSet		1301
	OtherSettlementReportType <OthrSttlmRptTp>	[0..1]	Text		1301
	MessageReason <MsgRsn>	[0..*]	CodeSet		1301
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1301
	TransactionIdentification <TxId>	[1..1]	±		1301
	AdditionalFee <AddtlFee>	[0..*]	±		1302
	SettlementTotals <SttlmTtls>	[0..1]			1302
	AcquirerTotals <AcqrrTtls>	[0..1]			1303
	Count <Cnt>	[0..1]	Quantity		1304
	Amount <Amt>	[1..1]	±		1304
	InterchangeFee <IntrchgFee>	[0..1]	±		1304
	ProcessingFee <PrcgFee>	[0..1]	±		1304
	IssuerTotals <IssrTtls>	[0..1]			1304
	Count <Cnt>	[0..1]	Quantity		1305
	Amount <Amt>	[1..1]	±		1305
	InterchangeFee <IntrchgFee>	[0..1]	±		1305
	ProcessingFee <PrcgFee>	[0..1]	±		1305
	OtherTotals <OthrTtls>	[0..1]			1306
	Count <Cnt>	[0..1]	Quantity		1306
	Amount <Amt>	[1..1]	±		1306
	InterchangeFee <IntrchgFee>	[0..1]	±		1306
	ProcessingFee <PrcgFee>	[0..1]	±		1307
	TotalSettlementAmount <TtlSttlmAmt>	[0..1]			1307
	Count <Cnt>	[0..1]	Quantity		1307
	Amount <Amt>	[1..1]	±		1307
	InterchangeFee <IntrchgFee>	[0..1]	±		1308
	ProcessingFee <PrcgFee>	[0..1]	±		1308
	FundsTransferAmount <FndsTrfAmt>	[0..1]	±		1308
	TransactionDescription <TxDesc>	[0..1]	Text		1309
	AdditionalData <AddtlData>	[0..*]			1309
	Type <Tp>	[0..1]	Text		1309

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		1309

45.4.2.3.1 SettlementReportType <SttlmRptTp>

Presence: [1..1]

Definition: Type of settlement report.

Datatype: "SettlementReportType1Code" on page 2186

CodeName	Name	Definition
FIPO	FinalPosition	Final settlement position.
OTHN	OtherNational	Other type of settlement report defined at national level.
OTHP	OtherPrivate	Other settlement report defined at private level.
INPO	InterimPosition	Interim settlement position.

45.4.2.3.2 OtherSettlementReportType <OthrSttlmRptTp>

Presence: [0..1]

Definition: Other type of settlement report in free text.

Datatype: "Max35Text" on page 2207

45.4.2.3.3 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

45.4.2.3.4 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max256Text" on page 2206

45.4.2.3.5 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

45.4.2.3.6 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

45.4.2.3.7 SettlementTotals <SttlmTtls>

Presence: [0..1]

Definition: Settlement totals of the report.

SettlementTotals <SttlmTtls> contains the following **SettlementTotals2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AcquirerTotals <AcqrrTtls>	[0..1]			1303
	Count <Cnt>	[0..1]	Quantity		1304
	Amount <Amt>	[1..1]	±		1304
	InterchangeFee <IntrchnngFee>	[0..1]	±		1304
	ProcessingFee <PrcgFee>	[0..1]	±		1304
	IssuerTotals <IssrTtls>	[0..1]			1304
	Count <Cnt>	[0..1]	Quantity		1305
	Amount <Amt>	[1..1]	±		1305
	InterchangeFee <IntrchnngFee>	[0..1]	±		1305
	ProcessingFee <PrcgFee>	[0..1]	±		1305
	OtherTotals <OthrTtls>	[0..1]			1306
	Count <Cnt>	[0..1]	Quantity		1306
	Amount <Amt>	[1..1]	±		1306
	InterchangeFee <IntrchnngFee>	[0..1]	±		1306
	ProcessingFee <PrcgFee>	[0..1]	±		1307
	TotalSettlementAmount <TtlSttlmAmt>	[0..1]			1307
	Count <Cnt>	[0..1]	Quantity		1307
	Amount <Amt>	[1..1]	±		1307
	InterchangeFee <IntrchnngFee>	[0..1]	±		1308
	ProcessingFee <PrcgFee>	[0..1]	±		1308

45.4.2.3.7.1 AcquirerTotals <AcqrrTtls>

Presence: [0..1]

Definition: Settlement totals for the acquirer.

AcquirerTotals <AcqrrTtls> contains the following **SettlementCategoryTotal2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[0..1]	Quantity		1304
	Amount <Amt>	[1..1]	±		1304
	InterchangeFee <IntrchnngFee>	[0..1]	±		1304
	ProcessingFee <PrcgFee>	[0..1]	±		1304

45.4.2.3.7.1.1 Count <Cnt>

Presence: [0..1]

Definition: Number of transactions.

Datatype: "Number" on page 2198

45.4.2.3.7.1.2 Amount <Amt>

Presence: [1..1]

Definition: Gross amount.

Amount <Amt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.1.3 InterchangeFee <IntrchgFee>

Presence: [0..1]

Definition: Interchange fee amount.

InterchangeFee <IntrchgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.1.4 ProcessingFee <PrcgFee>

Presence: [0..1]

Definition: Processing fee.

ProcessingFee <PrcgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.2 IssuerTotals <IssrTtls>

Presence: [0..1]

Definition: Settlement totals for the issuer.

IssuerTotals <IssrTtls> contains the following **SettlementCategoryTotal2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[0..1]	Quantity		1305
	Amount <Amt>	[1..1]	±		1305
	InterchangeFee <IntrchnngFee>	[0..1]	±		1305
	ProcessingFee <PrcgFee>	[0..1]	±		1305

45.4.2.3.7.2.1 Count <Cnt>

Presence: [0..1]

Definition: Number of transactions.

Datatype: "Number" on page 2198

45.4.2.3.7.2.2 Amount <Amt>

Presence: [1..1]

Definition: Gross amount.

Amount <Amt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.2.3 InterchangeFee <IntrchnngFee>

Presence: [0..1]

Definition: Interchange fee amount.

InterchangeFee <IntrchnngFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.2.4 ProcessingFee <PrcgFee>

Presence: [0..1]

Definition: Processing fee.

ProcessingFee <PrcgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.3 OtherTotals <OthrTtls>

Presence: [0..1]

Definition: Other settlement totals.

OtherTotals <OthrTtls> contains the following **SettlementCategoryTotal2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[0..1]	Quantity		1306
	Amount <Amt>	[1..1]	±		1306
	InterchangeFee <IntrchgFee>	[0..1]	±		1306
	ProcessingFee <PrcgFee>	[0..1]	±		1307

45.4.2.3.7.3.1 Count <Cnt>

Presence: [0..1]

Definition: Number of transactions.

Datatype: "Number" on page 2198

45.4.2.3.7.3.2 Amount <Amt>

Presence: [1..1]

Definition: Gross amount.

Amount <Amt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.3.3 InterchangeFee <IntrchgFee>

Presence: [0..1]

Definition: Interchange fee amount.

InterchangeFee <IntrchgngFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.3.4 ProcessingFee <PrcgFee>

Presence: [0..1]

Definition: Processing fee.

ProcessingFee <PrcgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.4 TotalSettlementAmount <TtlSttlmAmt>

Presence: [0..1]

Definition: Total amount settled.

TotalSettlementAmount <TtlSttlmAmt> contains the following **SettlementCategoryTotal2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[0..1]	Quantity		1307
	Amount <Amt>	[1..1]	±		1307
	InterchangeFee <IntrchgngFee>	[0..1]	±		1308
	ProcessingFee <PrcgFee>	[0..1]	±		1308

45.4.2.3.7.4.1 Count <Cnt>

Presence: [0..1]

Definition: Number of transactions.

Datatype: "Number" on page 2198

45.4.2.3.7.4.2 Amount <Amt>

Presence: [1..1]

Definition: Gross amount.

Amount <Amt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.4.3 InterchangeFee <IntrchgFee>

Presence: [0..1]

Definition: Interchange fee amount.

InterchangeFee <IntrchgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.7.4.4 ProcessingFee <PrcgFee>

Presence: [0..1]

Definition: Processing fee.

ProcessingFee <PrcgFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.8 FundsTransferAmount <FndsTrfAmt>

Presence: [0..1]

Definition: Contains the net funds transfer amount.

FundsTransferAmount <FndsTrfAmt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

45.4.2.3.9 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

45.4.2.3.10 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1309
	Value <Val>	[0..1]	Text		1309

45.4.2.3.10.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

45.4.2.3.10.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

45.4.2.4 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

45.4.2.5 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

45.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

46 casr.002.001.02 SettlementReportingResponseV02

46.1 MessageDefinition Functionality

The SettlementReportingResponse message is sent by any party (acquirer, agent or issuer) to an agent in response to a SettlementReportingInitiation message.

Outline

The SettlementReportingResponseV02 MessageDefinition is composed of 3 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Body

Information related to the response to the settlement initiation.

ISO 8583:87 bit 110

ISO 8583:93 bit 111

ISO 8583:2003 bit 50

C. SecurityTrailer

Trailer of the message containing a MAC

46.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SttlmRptgRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1316
	Body <Body>	[1..1]			1317
	Environment <Envt>	[1..1]			1319
	SettlementInstitution <SttlmInstn>	[0..1]	±		1319
	Originator <Orgtr>	[0..1]	±		1320
	Sender <Sndr>	[0..1]	±		1321
	Receiver <Rcvr>	[0..1]	±		1322
	Destination <Dstn>	[0..1]	±		1323
	FinancialInstitution <FI>	[0..1]			1324
	Identification <Id>	[1..1]	±		1324
	AccountNumber <AcctNb>	[0..1]	Text		1325
	OtherInstitution <OthrInstn>	[0..1]	±		1325
	Context <Cntxt>	[0..1]			1326
	TransactionContext <TxCntxt>	[0..1]			1327
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1327
	Jurisdiction <Jursdctn>	[0..1]			1328
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1328
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1328
	SettlementService <SttlmSvc>	[0..1]	±		1328
	Reconciliation <Rcncltn>	[0..1]	±		1329
	AdditionalData <AddtlData>	[0..*]			1329
	Type <Tp>	[0..1]	Text		1330
	Value <Val>	[0..1]	Text		1330
	Transaction <Tx>	[1..1]			1330
	TransactionIdentification <TxId>	[1..1]	±		1330
	AdditionalFee <AddtlFee>	[0..*]	±		1331
	TransactionDescription <TxDesc>	[0..1]	Text		1331
	AdditionalData <AddtlData>	[0..*]			1331
	Type <Tp>	[0..1]	Text		1332

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		1332
	ProcessingResult <PrcgRslt>	[1..1]	±		1332
	ProtectedData <PrctcdData>	[0..*]	±		1332
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1335
	SecurityTrailer <SctyTrlr>	[0..1]	±		1335

46.3 Constraints

C1 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.

C2 ValidationByTable

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

46.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

46.4.1 Header <Hdr>

Presence: [1..1]

Definition: Information related to the management of the protocol.

Header <Hdr> contains the following elements (see "Header66" on page 1732 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

46.4.2 Body <Body>

Presence: [1..1]

Definition: Information related to the response to the settlement initiation.

ISO 8583:87 bit 110

ISO 8583:93 bit 111

ISO 8583:2003 bit 50

Body <Body> contains the following **SettlementReportingResponse2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Environment <Envt>	[1..1]			1319
	SettlementInstitution <SttlmInstn>	[0..1]	±		1319
	Originator <Orgtr>	[0..1]	±		1320
	Sender <Sndr>	[0..1]	±		1321
	Receiver <Rcvr>	[0..1]	±		1322
	Destination <Dstn>	[0..1]	±		1323
	FinancialInstitution <FI>	[0..1]			1324
	Identification <Id>	[1..1]	±		1324
	AccountNumber <AcctNb>	[0..1]	Text		1325
	OtherInstitution <OthrInstn>	[0..1]	±		1325
	Context <Cntxt>	[0..1]			1326
	TransactionContext <TxCntxt>	[0..1]			1327
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1327
	Jurisdiction <Jursdctn>	[0..1]			1328
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1328
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1328
	SettlementService <SttlmSvc>	[0..1]	±		1328
	Reconciliation <Rcncltn>	[0..1]	±		1329
	AdditionalData <AddtlData>	[0..*]			1329
	Type <Tp>	[0..1]	Text		1330
	Value <Val>	[0..1]	Text		1330
	Transaction <Tx>	[1..1]			1330
	TransactionIdentification <TxId>	[1..1]	±		1330
	AdditionalFee <AddtlFee>	[0..*]	±		1331
	TransactionDescription <TxDesc>	[0..1]	Text		1331
	AdditionalData <AddtlData>	[0..*]			1331
	Type <Tp>	[0..1]	Text		1332
	Value <Val>	[0..1]	Text		1332
	ProcessingResult <PrcgRslt>	[1..1]	±		1332
	ProtectedData <PrtctdData>	[0..*]	±		1332
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1335

46.4.2.1 Environment <Envt>

Presence: [1..1]

Definition: Environment of the transaction.

Environment <Envt> contains the following **Environment27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementInstitution <SttlmInstn>	[0..1]	±		1319
	Originator <Orgtr>	[0..1]	±		1320
	Sender <Sndr>	[0..1]	±		1321
	Receiver <Rcvr>	[0..1]	±		1322
	Destination <Dstn>	[0..1]	±		1323
	FinancialInstitution <FI>	[0..1]			1324
	Identification <Id>	[1..1]	±		1324
	AccountNumber <AcctNb>	[0..1]	Text		1325
	OtherInstitution <OthrInstn>	[0..1]	±		1325

46.4.2.1.1 SettlementInstitution <SttlmInstn>

Presence: [0..1]

Definition: financial institution (or its agent) at which the accounts are held by the parties settling. This institution, acting on information provided by the parties, transfers the appropriate funds between the accounts.

SettlementInstitution <SttlmInstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

46.4.2.1.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

46.4.2.1.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the destination.

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

46.4.2.1.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

46.4.2.1.5 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

46.4.2.1.6 FinancialInstitution <FI>

Presence: [0..1]

Definition: Financial Institution to which the settlement totals apply.

FinancialInstitution <FI> contains the following **FinancialInstitution6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1324
	AccountNumber <AcctNb>	[0..1]	Text		1325

46.4.2.1.6.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the financial institution.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

46.4.2.1.6.2 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Account number from which the funds get debited or credited.

Datatype: "Max35Text" on page 2207

46.4.2.1.7 OtherInstitution <OthrInstn>

Presence: [0..1]

Definition: Additional institution involved in settlement. For example, the other party involved in bilateral settlement agreement.

OtherInstitution <OthrInstn> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

46.4.2.2 Context <Cntxt>

Presence: [0..1]

Definition: Contains or describes conditions and characteristics of the transaction.

Context <Cntxt> contains the following **Context17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionContext <TxCntxt>	[0..1]			1327
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1327
	Jurisdiction <Jursdctn>	[0..1]			1328
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1328
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1328
	SettlementService <SttlmSvc>	[0..1]	±		1328
	Reconciliation <Rcncltn>	[0..1]	±		1329
	AdditionalData <AddtlData>	[0..*]			1329
	Type <Tp>	[0..1]	Text		1330
	Value <Val>	[0..1]	Text		1330

46.4.2.2.1 TransactionContext <TxCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following **TransactionContext10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1327
	Jurisdiction <Jursdctn>	[0..1]			1328
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1328
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1328
	SettlementService <SttlmSvc>	[0..1]	±		1328
	Reconciliation <Rcncltn>	[0..1]	±		1329
	AdditionalData <AddtlData>	[0..*]			1329
	Type <Tp>	[0..1]	Text		1330
	Value <Val>	[0..1]	Text		1330

46.4.2.2.1.1 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

46.4.2.2.1.2 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1328
	DomesticQualification <DmstQlfcfn>	[0..1]	Text		1328

46.4.2.2.1.2.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

46.4.2.2.1.2.2 DomesticQualification <DmstQlfcfn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "Max35Text" on page 2207

46.4.2.2.1.3 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService4" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

46.4.2.2.1.4 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

46.4.2.2.1.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1330
	Value <Val>	[0..1]	Text		1330

46.4.2.2.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

46.4.2.2.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

46.4.2.3 Transaction <Tx>

Presence: [1..1]

Definition: Card transaction for which an authorisation is requested.

Transaction <Tx> contains the following **Transaction139** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionIdentification <TxId>	[1..1]	±		1330
	AdditionalFee <AddtlFee>	[0..*]	±		1331
	TransactionDescription <TxDesc>	[0..1]	Text		1331
	AdditionalData <AddtlData>	[0..*]			1331
	Type <Tp>	[0..1]	Text		1332
	Value <Val>	[0..1]	Text		1332

46.4.2.3.1 TransactionIdentification <TxId>

Presence: [1..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification12" on page 1926 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

46.4.2.3.2 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount but included in the settlement.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

46.4.2.3.3 TransactionDescription <TxDesc>

Presence: [0..1]

Definition: Transaction data related to programmes and services, content and format based on bilateral agreements.

Datatype: "Max1000Text" on page 2201

46.4.2.3.4 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1332
	Value <Val>	[0..1]	Text		1332

46.4.2.3.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

46.4.2.3.4.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

46.4.2.4 ProcessingResult <PrcgRslt>

Presence: [1..1]

Definition: Processing results of the settlement service.

ProcessingResult <PrcgRslt> contains the following elements (see "ProcessingResult13" on page 2059 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2060
	ResultData <RsltData>	[1..1]	±		2060
	ApprovalCode <ApprvlCd>	[0..1]	Text		2061
	ErrorDetail <ErrDtl>	[0..*]			2061
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2061
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2062
	ErrorCode <ErrCd>	[0..1]	Text		2062
	ErrorDescription <ErrDesc>	[0..1]	Text		2062
	DataElementInError <DataElmtInErr>	[0..*]	Text		2062
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2062
	AdditionalInformation <AddtlInf>	[0..*]	±		2063

46.4.2.5 ProtectedData <PrctcdData>

Presence: [0..*]

Definition: Contains protected data and the attributes used to protect the data.

ProtectedData <PrctcdData> contains the following elements (see "ProtectedData1" on page 1986 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <Othrld>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngh>	[0..1]	Text		2010
	KeyProtection <KeyPrtcn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

46.4.2.6 SupplementaryData <SplmtryData>

Presence: [0..*]

Definition: Additional information that can not be captured in the structured fields and/or other specific block.

Impacted by: C1 "SupplementaryDataRule"

SupplementaryData <SplmtryData> contains the following elements (see "SupplementaryData1" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

46.4.3 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType20" on page 1983 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrtcn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

47 Message Items Types

47.1 MessageComponents

47.1.1 Account

47.1.1.1 Wallet2

Definition: Container for tenders used by the customer to perform the payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

47.1.1.1.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identification of the provider of the wallet.

Provider <Prvdr> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.1.1.2 PANAge <PANAge>

Presence: [0..1]

Definition: Number of days that the user's PAN has been on file for the user.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.3 UserAccountAge <UsrAcctAge>

Presence: [0..1]

Definition: Number of days since the user wallet account for this user exists.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.4 WalletAccountAge <WltAcctAge>

Presence: [0..1]

Definition: Number of days since the user created the wallet account or started using the wallet.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.5 DaysSinceLastActivity <DaysSncLastActvty>

Presence: [0..1]

Definition: Number of days since the last activity on the wallet.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.6 Activity <Actvty>

Presence: [0..1]

Definition: Number of transactions on this wallet within an interval.

Datatype: "Max10PositiveNumber" on page 2198

47.1.1.1.7 ActivityInterval <ActvtyIntrvl>

Presence: [0..1]

Definition: Identifies the interval of the activity.

Datatype: "Frequency12Code" on page 2150

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
DAIL	Daily	Event takes place every day.
FRTN	Fortnightly	Event takes place every two weeks.
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.
TEND	TenDays	Event takes place every ten business days.
WEEK	Weekly	Event takes place once a week.

47.1.1.1.8 LastWalletChange <LastWlItChng>

Presence: [0..1]

Definition: Number of days since wallet settings were changed.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.9 SuspendedCards <SspdCrds>

Presence: [0..1]

Definition: Number of cards suspended in the wallet.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.10 WalletAccountCountry <WlItAcctCtry>

Presence: [0..1]

Definition: Country of the wallet account.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.1.1.11 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Method used to capture the card details for the wallet.

Datatype: "CardDataReading9Code" on page 2136

CodeName	Name	Definition
UNKW	Unknown	Unknown card reading capability.
OTHN	OtherNational	Other national capability type assigned at national level.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
CAMR	Camera	Card details captured via camera.
KEEN	KeyEntered	Key entered.
ICPY	ICCPximity	ICC contactless proximity
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
CDFL	CardOnFile	Card information are stored on a file.
MBNK	MobileBankingApplication	Card details were obtained via a mobile banking application.
TOKN	Token	Card details were obtained via a token.
ICCY	ICCContact	ICC contact capability

47.1.1.1.12 OtherCardDataEntryMode <OthrCardDataNtryMd>

Presence: [0..1]

Definition: Other method used to capture the card details.

Datatype: "Max35Text" on page 2207

47.1.1.1.13 WalletAccountEmailAge <WlItAcctEmailAge>

Presence: [0..1]

Definition: Number of days the email address has been in the wallet.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.14 WalletProviderRiskAssessment <WlItPrvdrRskAssmnt>

Presence: [0..1]

Definition: Wallet Provider Risk Assessment.

Datatype: "RiskAssessment1Code" on page 2185

CodeName	Name	Definition
APPC	ApproveConditionally	Recommended to approve conditionally.
APPH	ApproveConditionallyWithHighRisk	Recommended to approve conditionally; high risk conditions exist.
APPU	ApproveUnconditionally	Recommended to approve unconditionally.

CodeName	Name	Definition
DONT	DoNotApprove	Recommended to not approve.

47.1.1.1.15 WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>

Presence: [0..1]

Definition: Wallet Provider Risk Assessment Model Version used to create scores.

Datatype: "Max35Text" on page 2207

47.1.1.1.16 WalletProviderPhoneScore <WltPrvdrPhneScore>

Presence: [0..1]

Definition: A value to determine trust level of the phone number.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.17 WalletProviderDeviceScore <WltPrvdrDvcScore>

Presence: [0..1]

Definition: A value to determine trust level of the device.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.18 WalletProviderAccountScore <WltPrvdrAcctScore>

Presence: [0..1]

Definition: A value to determine trust level of the account.

Datatype: "Max5PositiveNumber" on page 2198

47.1.1.1.19 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional data associated with wallet.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

47.1.1.1.19.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.1.1.19.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.1.2 AccountDetails3

Definition: Details of a bank account

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

47.1.1.2.1 AccountName <AcctNm>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2209

47.1.1.2.2 AccountType <AcctTp>

Presence: [0..1]

Definition: Type of cardholder account used for the transaction.

Conforms to ISO 8583, Account type codes, which are maintained by the ISO 8583/MA (Maintenance Agency).

Datatype: "ISO8583AccountTypeCode" on page 2156

47.1.1.2.3 AccountIdentification <AcctId>

Presence: [0..1]

Definition: Identification of an account.

ISO 8583 bit 102 or bit 103

Datatype: "Max70Text" on page 2209

47.1.2 Acquirer

47.1.2.1 KEKIdentifier2

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		1343
	KeyVersion <KeyVrsn>	[1..1]	Text		1343
	SequenceNumber <SeqNb>	[0..1]	Quantity		1343
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1343

47.1.2.1.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 2203

47.1.2.1.2 KeyVersion <KeyVrsn>

Presence: [1..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 2203

47.1.2.1.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 2198

47.1.2.1.4 DerivationIdentification <DerivtnId>

Presence: [0..1]

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

Datatype: "Min5Max16Binary" on page 2112

47.1.3 Address

47.1.3.1 Address2

Definition: Structured postal address.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.3.1.1 AddressLine1 <AdrLine1>

Presence: [0..1]

Definition: First line of information that locates and identifies a specific address, as defined by postal services.

Datatype: "Max99Text" on page 2210

47.1.3.1.2 AddressLine2 <AdrLine2>

Presence: [0..1]

Definition: Second line of information that locates and identifies a specific address, as defined by postal services.

Datatype: "Max99Text" on page 2210

47.1.3.1.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max99Text" on page 2210

47.1.3.1.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max16Text" on page 2204

47.1.3.1.5 PostalCode <PstlCd>

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 2204

47.1.3.1.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max50Text" on page 2208

47.1.3.1.7 CountrySubDivisionMinor <CtrySubDvsnMnr>

Presence: [0..1]

Definition: Identifies a minor subdivision of a country, for instance county, prefecture.

In accordance with ISO 3166-2 or the local authority.

Datatype: "ISOCountrySubDivisionCode" on page 2157

47.1.3.1.8 CountrySubDivisionMajor <CtrySubDvsnMjr>

Presence: [0..1]

Definition: Identifies a major subdivision of a country, for instance state, province.

In accordance with ISO 3166-2 or the local authority.

Datatype: "ISOCountrySubDivisionCode" on page 2157

47.1.3.1.9 CountrySubDivisionMajorName <CtrySubDvsnMjrNm>

Presence: [0..1]

Definition: Name of a major subdivision of a country, for instance county, prefecture.

Datatype: "Max50Text" on page 2208

47.1.3.1.10 CountrySubDivisionMinorName <CtrySubDvsnMnrNm>

Presence: [0..1]

Definition: Name of a minor subdivision of a country, for instance county, prefecture.

Datatype: "Max50Text" on page 2208

47.1.3.1.11 Country <Ctry>

Presence: [0..1]

Definition: Nation with its own government occupying a particular territory.

In accordance with ISO 3166-1.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.3.2 Address3

Definition: Structured postal address in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.3.2.1 AddressLine1 <AdrLine1>

Presence: [0..1]

Definition: First line of information that locates and identifies a specific address, as defined by postal services.

Datatype: "Max200Text" on page 2204

47.1.3.2.2 AddressLine2 <AdrLine2>

Presence: [0..1]

Definition: Second line of information that locates and identifies a specific address, as defined by postal services.

Datatype: "Max200Text" on page 2204

47.1.3.2.3 StreetName <StrtNm>

Presence: [0..1]

Definition: Name of a street or thoroughfare.

Datatype: "Max200Text" on page 2204

47.1.3.2.4 BuildingNumber <BldgNb>

Presence: [0..1]

Definition: Number that identifies the position of a building on a street.

Datatype: "Max35Text" on page 2207

47.1.3.2.5 PostalCode <PstlCd>

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: "Max35Text" on page 2207

47.1.3.2.6 TownName <TwnNm>

Presence: [0..1]

Definition: Name of a built-up area, with defined boundaries, and a local government.

Datatype: "Max100Text" on page 2201

47.1.3.2.7 CountrySubDivisionMinorName <CtrySubDvsnMnrNm>

Presence: [0..1]

Definition: Name of the country sub division minor.

Datatype: "Max100Text" on page 2201

47.1.3.2.8 CountrySubDivisionMajorName <CtrySubDvsnMjrNm>

Presence: [0..1]

Definition: Name of the country sub division major.

Datatype: "Max100Text" on page 2201

47.1.3.2.9 Country <Ctry>

Presence: [0..1]

Definition: Nation with its own government occupying a particular territory.

In accordance with ISO 3166-1.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.4 Amount

47.1.4.1 Amount13

Definition: Contains the details of the billing amount

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1347
	Description <Desc>	[0..1]	Text		1347
	Amount <Amt>	[1..1]	Amount		1347

47.1.4.1.1 Type <Tp>

Presence: [0..1]

Definition: Describes the amount type.

Datatype: "Max35Text" on page 2207

47.1.4.1.2 Description <Desc>

Presence: [0..1]

Definition: Additional information about the amount.

Datatype: "Max35Text" on page 2207

47.1.4.1.3 Amount <Amt>

Presence: [1..1]

Definition: Contains the amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.2 Amount20

Definition: Contains amount details for a specific type of charge.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TypeOfCharge <TpOfChrg>	[0..1]	CodeSet		1347
	OtherTypeOfCharge <OthrTpOfChrg>	[0..1]	Text		1348
	Amount <Amt>	[1..1]	Amount		1348
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1348

47.1.4.2.1 TypeOfCharge <TpOfChrg>

Presence: [0..1]

Definition: Type of telephone charge.

Datatype: "TypeOfAmount19Code" on page 2190

CodeName	Name	Definition
CONN	Connect	Telephone connection-related charge
INSU	Insurance	Insurance charges
LNDS	LongDistance	Charges related to a long distance call.
MISC	Miscellaneous	Miscellaneous charges not elsewhere defined
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.
USGE	Usage	Telephone usage-related charge

47.1.4.2.2 OtherTypeOfCharge <OthrTpOfChrg>

Presence: [0..1]

Definition: Description of other type of charge.

Datatype: "Max35Text" on page 2207

47.1.4.2.3 Amount <Amt>

Presence: [1..1]

Definition: Contains the amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.2.4 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.3 Amount19

Definition: Contains the details of the billing amount

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Description <Desc>	[0..1]	Text		1349
	Amount <Amt>	[1..1]	Amount		1349
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1349
	Tax <Tax>	[0..*]	±		1349

47.1.4.3.1 Description <Desc>

Presence: [0..1]

Definition: Description of the amount details.

Datatype: "Max35Text" on page 2207

47.1.4.3.2 Amount <Amt>

Presence: [1..1]

Definition: Contains the amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.3.3 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.3.4 Tax <Tax>

Presence: [0..*]

Definition: Tax applicable to the billing amount.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.4.4 Amount18

Definition: Describes each adjustment made to the original price.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1350
	OtherType <OthrTp>	[0..1]	Text		1351
	Amount <Amt>	[0..1]	Amount		1351
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1351
	CustomerNotifiedIndicator <CstmrNtfldInd>	[0..1]	Indicator		1351

47.1.4.4.1 Type <Tp>

Presence: [0..1]

Definition: Code that describes the type of amount or fee.

Datatype: "CarRentalServiceType2Code" on page 2139

CodeName	Name	Definition
ADJM	Adjustment	Rental amount adjustment
AUTH	Authorised	Authorised amount
BAST	BabySeat	Baby seat.
CLEA	Cleaning	Extra charges due to the need to clean the car.
DMGS	Damage	Charge for damages
DLVR	Delivery	Charge for delivery of rental vehicle
DPOF	DropOff	Drop off charges
ENTE	Entertainment	Entertainment
EXTC	ExtraCharges	Extra charges
EXDY	ExtraDays	Charges for extra days
EXDI	ExtraDistance	Charges for additional distance
EXHR	ExtraHours	Charges for extra hours
FINE	Fines	Police and related fines or violation fees re invoiced by vehicle rental company.
FUEL	Fuel	Fuel
GARA	Garage	Garage
GPSY	GlobalPositioningSystem	Global Positioning System (GPS)
INSU	Insurance	Insurance
LATE	LateReturn	Car returned late.
LIIN	LiabilityInsurance	Charges for liability insurance
LDIN	LossDamageInsurance	Charges for Loss Damage Insurance
MISC	Miscellaneous	Miscellaneous charges
NAVI	Navigation	Charges for navigation system
NOSH	NoShow	Customer no-show charges.

CodeName	Name	Definition
ONEW	OneWay	Drop-off charges.
OTHN	OtherNational	Other National
OTHP	OtherPrivate	Other Private
PARK	Parking	Parking charges.
PRIN	PersonalAccidentInsurance	Personal Accident Insurance
PFIN	PersonalEffectsInsurance	Personal Effects Insurance
PHON	Phone	On-board telephone service.
REGD	RegularDistance	Charges for regular distance
SMOK	Smoking	Extra charges due to smoking in the car.
TOLL	Tolls	Charges for tolls
TOWI	Towing	Extra charges due to car towing.

47.1.4.4.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Description of other type of amount or fee.

Datatype: "Max35Text" on page 2207

47.1.4.4.3 Amount <Amt>

Presence: [0..1]

Definition: Contains the amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.4.4 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: Indicates whether or not the amount is a credit or debit.

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.4.5 CustomerNotifiedIndicator <CstmrNtfndInd>

Presence: [0..1]

Definition: Indicates whether or not the customer was notified about additional amounts.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.4.5 AdditionalAmounts3

Definition: Limits and amounts not part of the transaction amount. Not included in reconciliation totals.

ISO 8583 bit 54

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

47.1.4.5.1 Type <Tp>

Presence: [1..1]

Definition: Type or class of amount.

Datatype: "ISO8583AmountTypeCode" on page 2156

47.1.4.5.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of amount.

Datatype: "Max35Text" on page 2207

47.1.4.5.3 Amount <Amt>

Presence: [1..1]

Definition: Amount of one occurrence of the breakdown amount.

Amount <Amt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.4.5.4 Description <Desc>

Presence: [0..1]

Definition: Short description of the additional amount.

Datatype: "Max70Text" on page 2209

47.1.4.5.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional data for the additional amount.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

47.1.4.5.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.4.5.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.4.6 Amount17

Definition: Signed amount in a given currency

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.4.6.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.6.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency code associated with the applicable type of amount. ISO 4217 "Codes for the representation of currencies and funds".

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.4.6.3 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: Sign of the Amount.

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.7 DetailedAmount23

Definition: Breakdown of the transaction amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1354
	OtherType <OthrTp>	[0..1]	Text		1354
	Amount <Amt>	[1..1]	±		1355
	Description <Desc>	[0..1]	Text		1355

47.1.4.7.1 Type <Tp>

Presence: [1..1]

Definition: Type or class of amount.

Datatype: "DetailAmount2Code" on page 2143

CodeName	Name	Definition
OTHN	OtherNational	Other type of amount defined at national level
OTHP	OtherPrivate	Other type of amount defined at private level
SRCH	Surcharge	Fee charged by the acceptor for the transaction.

47.1.4.7.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Additional information to specify the type of amount.

Datatype: "Max35Text" on page 2207

47.1.4.7.3 Amount <Amt>

Presence: [1..1]

Definition: Amount of one occurrence of the breakdown amount.

Amount <Amt> contains the following elements (see ["Amount16"](#) on page 1356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1356

47.1.4.7.4 Description <Desc>

Presence: [0..1]

Definition: Short description of the detailed amount.

Datatype: ["Max70Text"](#) on page 2209

47.1.4.8 DetailedAmount22

Definition: Breakdown of the transaction amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1355
	OtherType <OthrTp>	[0..1]	Text		1355
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1355
	Amount <Amt>	[1..1]	Amount		1356
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	Amount		1356
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1356
	Description <Desc>	[0..1]	Text		1356

47.1.4.8.1 Type <Tp>

Presence: [1..1]

Definition: Type or class of amount.

Datatype: ["ISO8583AmountTypeCode"](#) on page 2156

47.1.4.8.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Additional information to specify the type of amount.

Datatype: ["Max35Text"](#) on page 2207

47.1.4.8.3 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.8.4 Amount <Amt>

Presence: [1..1]

Definition: Detailed amount expressed in the transaction currency.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.8.5 CardholderBillingAmount <CrdhldrBlgAmt>

Presence: [0..1]

Definition: Detailed amount expressed in the cardholder billing currency.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.8.6 ReconciliationAmount <RcncltnAmt>

Presence: [0..1]

Definition: Detailed amount expressed in the reconciliation currency.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.8.7 Description <Desc>

Presence: [0..1]

Definition: Short description of the detailed amount.

Datatype: "Max70Text" on page 2209

47.1.4.9 Amount16

Definition: Signed amount in a given numeric currency

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1356

47.1.4.9.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.9.2 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.10 InstalmentAmountDetails2

Definition: Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1357
	OtherType <OthrTp>	[0..1]	Text		1357
	SubType <SubTp>	[0..1]	Text		1358
	Amount <Amt>	[0..1]	±		1358
	Percentage <Pctg>	[0..1]	Rate		1358

47.1.4.10.1 Type <Tp>

Presence: [0..1]

Definition: Instalment amount detail type.

Datatype: "InstalmentAmountDetailsType2Code" on page 2154

CodeName	Name	Definition
AFCO	AnnualFinancingCost	Total financing cost per annum.
EXPN	Expense	Expense Amount
FEES	Fees	Fees amount
FUNA	Funded	Funded amount
INSU	Insurance	Insurance amount
INTR	Interest	Interest amount.
OTHC	OtherCharges	Other amounts
OTHN	OtherNational	Grace period unit type
OTHP	OtherPrivate	Grace period unit type
PRNC	Principal	Principal amount.
RQST	Requested	Requested amount
TAXX	Tax	Instalment amount tax

47.1.4.10.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other instalment amount detail type.

Datatype: "Max35Text" on page 2207

47.1.4.10.3 SubType <SubTp>

Presence: [0..1]

Definition: Grace period sub type.

Datatype: "Max35Text" on page 2207

47.1.4.10.4 Amount <Amt>

Presence: [0..1]

Definition: Detailed instalment amount.

Amount <Amt> contains the following elements (see "Amount16" on page 1356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1356

47.1.4.10.5 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 2199

47.1.4.11 FeeAmount3

Definition: Amount, currency, exchange rate and quotation date, sign and label.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1358
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1358
	Currency <Ccy>	[0..1]	CodeSet	C2	1359
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1359
	ConversionDate <ConvsDt>	[0..1]	Date		1359
	ConversionTime <ConvsTm>	[0..1]	Time		1359

47.1.4.11.1 Amount <Amt>

Presence: [1..1]

Definition: Amount exclusive of currency.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.11.2 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: Contains code list for a credit or debit transaction

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.11.3 Currency <Ccy>

Presence: [0..1]

Definition: Currency for the type of amount.

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.4.11.4 EffectiveExchangeRate <FctvXchgRate>

Presence: [0..1]

Definition: Exchange rate of the currency code associated with the amount.

Datatype: "BaseOne25Rate" on page 2199

47.1.4.11.5 ConversionDate <ConvsDt>

Presence: [0..1]

Definition: Date at which the exchange rate effective.

Datatype: "ISODate" on page 2196

47.1.4.11.6 ConversionTime <ConvsTm>

Presence: [0..1]

Definition: Time at which the exchange rate effective.

Datatype: "ISOTime" on page 2211

47.1.4.12 OriginalTransactionAmount2

Definition: Amount related to the original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1360
	TransactionAmount <TxAmt>	[1..1]	±		1360
	CardholderBillingAmount <CrhdldrBlgAmt>	[0..1]	±		1360
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1361

47.1.4.12.1 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifies the amount of the transaction.

Datatype: "TypeOfAmount22Code" on page 2191

CodeName	Name	Definition
ACTL	Actual	Actual amount.
DFLT	Default	Default amount.
DPST	Deposit	Deposit 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).
PRXY	Proxy	Substitute for an amount to be authorised.
RESD	Reserved	Reserved or updated reserved amount for reservation.

47.1.4.12.2 TransactionAmount <TxAmt>

Presence: [1..1]

Definition: Actual amount of the transaction.

TransactionAmount <TxAmt> contains the following elements (see "TransactionAmount1" on page 1367 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1368
	Currency <Ccy>	[1..1]	CodeSet	C2	1368

47.1.4.12.3 CardholderBillingAmount <CrdhldrBllgAmt>

Presence: [0..1]

Definition: Amount to be billed to cardholder.

CardholderBillingAmount <CrdhldrBllgAmt> contains the following elements (see "Amount15" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

47.1.4.12.4 ReconciliationAmount <RcncltnAmt>

Presence: [0..1]

Definition: Amount used for reconciliation.

ReconciliationAmount <RcncltnAmt> contains the following elements (see "Amount15" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

47.1.4.13 Amount15

Definition: Amount, currency, exchange rate and quotation date.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

47.1.4.13.1 Amount <Amt>

Presence: [1..1]

Definition: Amount exclusive of currency.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.13.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency code associated with the applicable type of amount. ISO 4217 "Codes for the representation of currencies and funds".

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.4.13.3 EffectiveExchangeRate <FctvXchgRate>

Presence: [0..1]

Definition: The factor used in the conversion from one amount to another amount.

Datatype: "BaseOne25Rate" on page 2199

47.1.4.13.4 ConversionDate <ConvsDt>

Presence: [0..1]

Definition: Date at which the exchange rate effective.

Datatype: "ISODate" on page 2196

47.1.4.13.5 ConversionTime <ConvsTm>

Presence: [0..1]

Definition: Time at which the exchange rate effective.

Datatype: "ISOTime" on page 2211

47.1.4.14 TransactionAmounts2

Definition: Amounts of the card transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

47.1.4.14.1 AmountQualifier <AmtQlfr>

Presence: [0..1]

Definition: Qualifier or type of amount.

ISO 8583:93/2003 bit 24

Datatype: "TypeOfAmount22Code" on page 2191

CodeName	Name	Definition
ACTL	Actual	Actual amount.

CodeName	Name	Definition
DFLT	Default	Default amount.
DPST	Deposit	Deposit 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).
PRXY	Proxy	Substitute for an amount to be authorised.
RESA	Reserved	Reserved or updated reserved amount for reservation.

47.1.4.14.2 TransactionAmount <TxAmt>

Presence: [1..1]

Definition: Actual amount of the transaction.

TransactionAmount <TxAmt> contains the following elements (see "[TransactionAmount1](#)" on page 1367 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1368
	Currency <Ccy>	[1..1]	CodeSet	C2	1368

47.1.4.14.3 CardholderBillingAmount <CrdhldrBllgAmt>

Presence: [0..1]

Definition: Present when the cardholder billing currency differs from the transaction currency expressed in the amount of the transaction. It may be populated by the card scheme or an intermediary processor as normally the acceptor does not know the billing currency for which the cardholder will be debited.

CardholderBillingAmount <CrdhldrBllgAmt> contains the following elements (see "[Amount15](#)" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

47.1.4.14.4 ReconciliationAmount <RcncltnAmt>

Presence: [0..1]

Definition: Amount used for reconciliation.

Calculated based on the transaction amount, except when the transaction amount is absent. When transaction amount is absent, the reconciliation amount is calculated on the detailed amount field

ReconciliationAmount <RcncltnAmt> contains the following elements (see "Amount15" on page 1361 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1361
	Currency <Ccy>	[0..1]	CodeSet	C2	1361
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1362
	ConversionDate <ConvsDt>	[0..1]	Date		1362
	ConversionTime <ConvsTm>	[0..1]	Time		1362

47.1.4.14.5 DetailedAmount <DtldAmt>

Presence: [0..*]

Definition: Further details of some or all amounts in the transaction amount.

DetailedAmount <DtldAmt> contains the following elements (see "DetailedAmount22" on page 1355 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1355
	OtherType <OthrTp>	[0..1]	Text		1355
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1355
	Amount <Amt>	[1..1]	Amount		1356
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1356
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1356
	Description <Desc>	[0..1]	Text		1356

47.1.4.14.6 OriginalTransactionAmounts <OrgnlTxAmts>

Presence: [0..1]

Definition: Amount related to the original transaction.

ISO 8583:87 bit 95

ISO 8583:93/2003 bit 30

OriginalTransactionAmounts <OrgnlTxAmts> contains the following elements (see "OriginalTransactionAmount2" on page 1359 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1360
	TransactionAmount <TxAmt>	[1..1]	±		1360
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1360
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1361

47.1.4.15 AdditionalFee2

Definition: Fees not included in the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

47.1.4.15.1 Type <Tp>

Presence: [1..1]

Definition: Type or class of fee.

Datatype: "TypeOfAmount21Code" on page 2191

CodeName	Name	Definition
INTC	InterchangeFee	Interchange fee.
FEPP	ProcessingFees	Processing fees.
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.
FEEA	InternationalServiceAssessmentFees	International service assessment fees.
CSIF	CashBackInterchangeFee	Interchange fee applicable to cash back amount.

CodeName	Name	Definition
MXIF	MaximumInterchangeFee	Maximum applicable interchange fee.
MNIF	MinimumInterchangeFee	Minimum interchange fee applicable.

47.1.4.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Additional information to specify the type of amount of fee.

Datatype: "Max35Text" on page 2207

47.1.4.15.3 FeeProgram <FeePrgm>

Presence: [0..1]

Definition: Identification of fee program.

Datatype: "Max35Text" on page 2207

47.1.4.15.4 FeeDescriptor <FeeDscrptr>

Presence: [0..1]

Definition: Identification of specific fee.

Datatype: "Max35Text" on page 2207

47.1.4.15.5 FeeAmount <FeeAmt>

Presence: [1..1]

Definition: Amount of one occurrence of the fee amount.

FeeAmount <FeeAmt> contains the following elements (see "FeeAmount3" on page 1358 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1358
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1358
	Currency <Ccy>	[0..1]	CodeSet	C2	1359
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1359
	ConversionDate <ConvsDt>	[0..1]	Date		1359
	ConversionTime <ConvsTm>	[0..1]	Time		1359

47.1.4.15.6 FeeReconciliationAmount <FeeRcncltnAmt>

Presence: [0..1]

Definition: Contains the fee amount in reconciliation currency.

FeeReconciliationAmount <FeeRcncltnAmt> contains the following elements (see "[FeeAmount3](#)" on page 1358 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1358
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1358
	Currency <Ccy>	[0..1]	CodeSet	C2	1359
	EffectiveExchangeRate <FctvXchgRate>	[0..1]	Rate		1359
	ConversionDate <ConvsDt>	[0..1]	Date		1359
	ConversionTime <ConvsTm>	[0..1]	Time		1359

47.1.4.15.7 Description <Desc>

Presence: [0..1]

Definition: Short description of the fee amount.

Datatype: "[Max140Text](#)" on page 2203

47.1.4.15.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

47.1.4.15.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.4.15.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "[Max2048Text](#)" on page 2205

47.1.4.16 TransactionAmount1

Definition: Actual amount of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1368
	Currency <Ccy>	[1..1]	CodeSet	C2	1368

47.1.4.16.1 Amount <Amt>

Presence: [1..1]

Definition: Amount of the transaction expressed in the currency of the terminal or as a reversed amount of a previous authorisation.

ISO 8583 bit 4.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.16.2 Currency <Ccy>

Presence: [1..1]

Definition: Currency code associated with the transaction amount. ISO 4217 "Codes for the representation of currencies and funds"

ISO 8583:87/93 bit 49

ISO 8583:2003 bit 4

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.4.17 AuthorisedAmount1

Definition: Provides the amount reserved to cover the anticipated charges associated with the lodging stay.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateTime <DtTm>	[0..1]	DateTime		1368
	Amount <Amt>	[1..1]	Amount		1369
	AdditionalData <AddtlData>	[0..1]	Text		1369

47.1.4.17.1 DateTime <DtTm>

Presence: [0..1]

Definition: Date and time of the amount authorized

Datatype: "ISODateTime" on page 2196

47.1.4.17.2 Amount <Amt>

Presence: [1..1]

Definition: Contains the amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.4.17.3 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Contains additional information about the authorized amount.

Datatype: "Max350Text" on page 2206

47.1.5 Balance

47.1.5.1 AccountBalance2

Definition: Balance of the account involved in the card transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1369
	Balance <Bal>	[0..*]			1369
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1370
	Amount <Amt>	[1..1]	Amount		1370
	Currency <Ccy>	[0..1]	CodeSet	C2	1371
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1371
	CardholderCurrencyIndicator <CrdhldrCcyInd>	[0..1]	Indicator		1371
	BalanceDate <BalDt>	[0..1]	Date		1371

47.1.5.1.1 AccountType <AcctTp>

Presence: [1..1]

Definition: Account for which a balance is sought.

This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583AccountTypeCode" on page 2156

47.1.5.1.2 Balance <Bal>

Presence: [0..*]

Definition: Balance of the account.

Balance <Bal> contains the following **Balance28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1370
	Amount <Amt>	[1..1]	Amount		1370
	Currency <Ccy>	[0..1]	CodeSet	C2	1371
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1371
	CardholderCurrencyIndicator <CrdhldrCcyInd>	[0..1]	Indicator		1371
	BalanceDate <BalDt>	[0..1]	Date		1371

47.1.5.1.2.1 Type <Tp>

Presence: [1..1]

Definition: Type of card account balance.

Datatype: "BalanceType15Code" on page 2133

CodeName	Name	Definition
AMOH	AmountOnHold	Amount put on hold.
AMTO	AmountOwing	Amount of money owed
AMTD	AmountDue	Amount of money due.
CRDL	CreditLine	Credit line available.
OTHN	OtherNational	Other type of balance defined at national level
OTHP	OtherPrivate	Other type of balance defined at private level.
AVLB	Available	Balance of money or securities that is at the disposal of the account owner on the date specified.
CLRI	ClearedItem	Cleared items balance.
LDGR	Ledger	Ledger balance refers to posted transactions (e.g. limit authorisation amount - posted transactions).
PNTS	Points	Value expressed in points.

47.1.5.1.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other card account balance type.

Datatype: "Max35Text" on page 2207

47.1.5.1.2.3 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.5.1.2.4 Currency <Ccy>

Presence: [0..1]

Definition: Currency of the account.

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.5.1.2.5 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: Indicates whether the value of the balance id positive or negative.

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.5.1.2.6 CardholderCurrencyIndicator <CrhldrCcyInd>

Presence: [0..1]

Definition: Indicates whether the value of balance is expressed in the currency of the cardholder or not.

True: Balance is expressed in the currency of the cardholder

False: Balance is expressed in a different currency.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.5.1.2.7 BalanceDate <BalDt>

Presence: [0..1]

Definition: Date of the balance.

Datatype: "ISODate" on page 2196

47.1.5.2 AccountStatementData2

Definition: Statement information of an account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StatementDate <StmntDt>	[0..1]	Date		1372
	StatementTime <StmntTm>	[0..1]	Time		1372
	AccountStatement <AcctStmnt>	[0..*]			1372
	TransactionDate <TxDt>	[1..1]	Date		1373
	PendingIndicator <PdgInd>	[0..1]	Indicator		1373
	TransactionPostingDate <TxPstngDt>	[0..1]	Date		1373
	TransactionAmount <TxAmt>	[0..1]			1374
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1374
	CardholderBillingAmount <CrdhldrBlgAmt>	[0..1]			1374
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1375
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1375
	AcceptorNameAndLocation <AccptrNmAndLctn>	[0..1]	Text		1375
	ShortTransactionDescription <ShrtTxDesc>	[0..1]	Text		1375
	LongTransactionDescription <LngTxDesc>	[0..1]	Text		1375

47.1.5.2.1 StatementDate <StmntDt>

Presence: [0..1]

Definition: Date the statement is generated.

Datatype: "ISODate" on page 2196

47.1.5.2.2 StatementTime <StmntTm>

Presence: [0..1]

Definition: Time the account statement is generated.

Datatype: "ISOTime" on page 2211

47.1.5.2.3 AccountStatement <AcctStmnt>

Presence: [0..*]

Definition: Statement information.

AccountStatement <AcctStmnt> contains the following **AccountStatementDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDate <TxDt>	[1..1]	Date		1373
	PendingIndicator <Pdglnd>	[0..1]	Indicator		1373
	TransactionPostingDate <TxPstngDt>	[0..1]	Date		1373
	TransactionAmount <TxAmt>	[0..1]			1374
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1374
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]			1374
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1375
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1375
	AcceptorNameAndLocation <AccptrNmAndLctn>	[0..1]	Text		1375
	ShortTransactionDescription <ShrtTxDesc>	[0..1]	Text		1375
	LongTransactionDescription <LngTxDesc>	[0..1]	Text		1375

47.1.5.2.3.1 TransactionDate <TxDt>

Presence: [1..1]

Definition: Date of the transaction.

Datatype: "ISODate" on page 2196

47.1.5.2.3.2 PendingIndicator <Pdglnd>

Presence: [0..1]

Definition: True indicates transaction is pending.

False indicates transaction has already posted.

No default value.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.5.2.3.3 TransactionPostingDate <TxPstngDt>

Presence: [0..1]

Definition: Posting date of the transaction.

Datatype: "ISODate" on page 2196

47.1.5.2.3.4 TransactionAmount <TxAmt>

Presence: [0..1]

Definition: Amount of the transaction.

TransactionAmount <TxAmt> contains the following **Amount7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1374

47.1.5.2.3.4.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.5.2.3.4.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency code associated with the applicable type of amount.

ISO 4217 "Codes for the representation of currencies and funds".

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.5.2.3.5 CardholderBillingAmount <CrdhldrBllgAmt>

Presence: [0..1]

Definition: Cardholder billing amount of the transaction.

CardholderBillingAmount <CrdhldrBllgAmt> contains the following **Amount7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1374
	Currency <Ccy>	[0..1]	CodeSet	C2	1375

47.1.5.2.3.5.1 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.5.2.3.5.2 Currency <Ccy>

Presence: [0..1]

Definition: Currency code associated with the applicable type of amount.

ISO 4217 "Codes for the representation of currencies and funds".

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.5.2.3.6 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.5.2.3.7 AcceptorNameAndLocation <AcptrNmAndLctn>

Presence: [0..1]

Definition: Currency of the amount.

Datatype: "Max99Text" on page 2210

47.1.5.2.3.8 ShortTransactionDescription <ShrtTxDesc>

Presence: [0..1]

Definition: Short transaction description to print or display.

Datatype: "Max70Text" on page 2209

47.1.5.2.3.9 LongTransactionDescription <LngTxDesc>

Presence: [0..1]

Definition: Long transaction description to print or display.

Datatype: "Max256Text" on page 2206

47.1.6 Batch Management

47.1.6.1 BatchManagementInformation1

Definition: Elements of identification of a batch management transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.6.1.1 CollectionIdentification <ColltnId>

Presence: [0..1]

Definition: Identification of the collection to which the batch belongs.

ISO 8583:2003 bit 69-2

Datatype: "Max35Text" on page 2207

47.1.6.1.2 BatchIdentification <BtchId>

Presence: [1..1]

Definition: Identification of the batch to which the message belongs.

ISO 8583:2003 bit 69-2

Datatype: "Max35Text" on page 2207

47.1.6.1.3 MessageSequenceNumber <MsgSeqNb>

Presence: [0..1]

Definition: Sequence number of the message inside the batch.

ISO 8583:87/93 bit 71

ISO 8583:2003 bit 68-2

Datatype: "Max15NumericText" on page 2203

47.1.6.1.4 MessageChecksumInputValue <MsgChcksmInptVal>

Presence: [0..1]

Definition: Value of the message to use for the computation of the checksum of the batch or collection of messages.

Datatype: "Max140Binary" on page 2110

47.1.6.2 ClearingRecordData2

Definition: Information used with financial types of messages when third-party clearing is involved.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Originator <Orgtr>	[0..1]	±		1377
	Destination <Dstr>	[0..1]	±		1377
	ClearingMethod <ClrMtd>	[1..1]	CodeSet		1378
	OtherClearingMethod <OthrClrMtd>	[0..1]	Text		1378
	ClearingPriority <ClrPrty>	[0..1]	Text		1378
	ClearingDate <ClrDt>	[0..1]	Date		1378
	ClearingAmount <ClrAmt>	[0..1]	±		1378
	InterchangeFee <IntrchgFee>	[0..1]	±		1379
	AgentFee <AgtFee>	[0..1]	±		1379
	OtherAmount <OthrAmt>	[0..1]			1379
	ClearingCount <ClrCnt>	[1..1]	Quantity		1380
	ClearingAmount <ClrAmt>	[1..1]	±		1380
	InterchangeFee <IntrchgFee>	[0..1]	±		1380
	AgentFee <AgtFee>	[0..1]	±		1380

47.1.6.2.1 Originator <Orgtr>

Presence: [0..1]

Definition: Originator of the batch.

Originator <Orgtr> contains the following elements (see "Originator1" on page 1836 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1836
	Assigner <Assgnr>	[0..1]	Text		1836
	Country <Ctry>	[0..1]	CodeSet		1836
	ShortName <ShrtNm>	[0..1]	Text		1837

47.1.6.2.2 Destination <Dstr>

Presence: [0..1]

Definition: Institution, final destination of the batch.

Destination <Dstn> contains the following elements (see "Destination1" on page 1837 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1837
	Assigner <Assgnr>	[0..1]	Text		1837
	Country <Ctry>	[0..1]	CodeSet		1837
	ShortName <ShrtNm>	[0..1]	Text		1837

47.1.6.2.3 ClearingMethod <ClrMtd>

Presence: [1..1]

Definition: Type of clearing of the transaction.

Datatype: "ClearingMethod2Code" on page 2140

CodeName	Name	Definition
DAYC	Day	Day clearing.
DFRD	Deferred	Clearing to be deferred in time.
INST	Instant	Clearing for instant payments and transfers.
OTHN	OtherNational	Other type of clearing method defined at national level.
OTHP	OtherPrivate	Other type of clearing method defined at private level.
RLTM	RealTime	Clearing done in real time.

47.1.6.2.4 OtherClearingMethod <OthrClrMtd>

Presence: [0..1]

Definition: Other type of clearing method.

Datatype: "Max35Text" on page 2207

47.1.6.2.5 ClearingPriority <ClrPrty>

Presence: [0..1]

Definition: Level of priority of clearing.

Datatype: "Max35Text" on page 2207

47.1.6.2.6 ClearingDate <ClrDt>

Presence: [0..1]

Definition: Date of clearing.

Datatype: "ISODate" on page 2196

47.1.6.2.7 ClearingAmount <ClrAmt>

Presence: [0..1]

Definition: Net amount of clearing.

ClearingAmount <ClrAmt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.6.2.8 InterchangeFee <IntrchgngFee>

Presence: [0..1]

Definition: Interchange reimbursement fee.

InterchangeFee <IntrchgngFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.6.2.9 AgentFee <AgtFee>

Presence: [0..1]

Definition: Fee pertaining to the agent.

AgentFee <AgtFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.6.2.10 OtherAmount <OthrAmt>

Presence: [0..1]

Definition: Other amounts involved in clearing.

OtherAmount <OthrAmt> contains the following **OtherAmount4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingCount <ClrCnt>	[1..1]	Quantity		1380
	ClearingAmount <ClrAmt>	[1..1]	±		1380
	InterchangeFee <IntrchgngFee>	[0..1]	±		1380
	AgentFee <AgtFee>	[0..1]	±		1380

47.1.6.2.10.1 ClearingCount <ClrCnt>

Presence: [1..1]

Definition: Number of other amounts involved in clearing.

Datatype: "Number" on page 2198

47.1.6.2.10.2 ClearingAmount <ClrAmt>

Presence: [1..1]

Definition: Amount of clearing.

ClearingAmount <ClrAmt> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.6.2.10.3 InterchangeFee <IntrchgngFee>

Presence: [0..1]

Definition: Interchange fee.

InterchangeFee <IntrchgngFee> contains the following elements (see "Amount17" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.6.2.10.4 AgentFee <AgtFee>

Presence: [0..1]

Definition: Agent fee.

AgentFee <AgtFee> contains the following elements (see "[Amount17](#)" on page 1353 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1353
	Currency <Ccy>	[0..1]	CodeSet	C2	1353
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1354

47.1.7 Card

47.1.7.1 CardData2

Definition: Non-protected sensitive data associated with the card or payment token performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1381
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1381
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1381
	CardPortfolioIdentifier <CardPrftlIdr>	[0..1]	Text		1382

47.1.7.1.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card or a surrogate of the PAN such as a payment token.

ISO 8583 bit 2

Datatype: "[Max19NumericText](#)" on page 2204

47.1.7.1.2 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Distinguishes between instances of the same payment card.

ISO 8583 bit 23

Datatype: "[Min2Max3NumericText](#)" on page 2211

47.1.7.1.3 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: Unique non-financial reference assigned to a given PAN. May be used to link the transaction activity to that PAN.

ISO 8583:87 bit 56 (TLV tag 01/dataset 71)

ISO 8583:93 bit 112 (TLV tag 01/dataset 71)

ISO 8583:2003 bit 51 (TLV tag 01/dataset 71)

Datatype: "Max35Text" on page 2207

47.1.7.1.4 CardPortfolioIdentifier <CardPrtflldr>

Presence: [0..1]

Definition: Identifies the card portfolio.

Datatype: "Max35Text" on page 2207

47.1.7.2 CardProgramme2

Definition: Card programme or brand related to the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]			1382
	Type <Tp>	[0..1]	Text		1382
	Identification <Id>	[1..*]	Text		1382
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1382

47.1.7.2.1 CardProgrammeProposed <CardPrgrmmPropsd>

Presence: [0..*]

Definition: Card programme or brand proposed for the transaction.

CardProgrammeProposed <CardPrgrmmPropsd> contains the following **CardProgrammeMode2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1382
	Identification <Id>	[1..*]	Text		1382

47.1.7.2.1.1 Type <Tp>

Presence: [0..1]

Definition: Type of card programme or brand.

Datatype: "Max35Text" on page 2207

47.1.7.2.1.2 Identification <Id>

Presence: [1..*]

Definition: Identification of the card programme or brand.

Datatype: "Max35Text" on page 2207

47.1.7.2.2 CardProgrammeApplied <CardPrgrmmApld>

Presence: [0..1]

Definition: Card programme or brand actually applied to the transaction.

ISO 8583:87 bit 24

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see "CardProgrammeMode3" on page 1383 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

47.1.7.3 CardProgrammeMode3

Definition: Programme or brand of the card for the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

47.1.7.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of card programme or brand.

Datatype: "Max35Text" on page 2207

47.1.7.3.2 Identification <Id>

Presence: [1..1]

Definition: Identification of the card programme or brand.

Datatype: "Max35Text" on page 2207

47.1.7.3.3 AdditionalIdentification <AddtId>

Presence: [0..*]

Definition: Additional identification of the party.

AdditionalIdentification <AddtlId> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

47.1.7.3.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.7.3.3.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.7.4 CardData10

Definition: Non-protected sensitive data associated with the card or payment token performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1384
	ProtectedPANIndicator <PrctcdPANInd>	[0..1]	Indicator		1385
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1385
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1385
	PANAccountRange <PANAcctRg>	[0..1]	Text		1385
	CardPortfolioIdentifier <CardPrtlfIdr>	[0..1]	Text		1385
	AdditionalCardData <AddtlCardData>	[0..*]			1386
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

47.1.7.4.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card or a surrogate of the PAN such as a payment token.

ISO 8583 bit 2

Datatype: "Max19NumericText" on page 2204

47.1.7.4.2 ProtectedPANIndicator <PrctdPANInd>

Presence: [0..1]

Definition: To indicate whether the PAN is using ProtectedData for encryption or not.

False: The PAN is used in plain text

True: The PAN is encrypted by using ProtectedData

Default: False

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.7.4.3 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Distinguishes between instances of the same payment card.

ISO 8583 bit 23

Datatype: ["Min2Max3NumericText"](#) on page 2211

47.1.7.4.4 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: A unique non-financial reference assigned to a given payment account. May be used to link all transaction activity associated with the same payment account.

ISO 8583:87 bit 56 (TLV tag 01/dataset 71)

ISO 8583:93 bit 112 (TLV tag 01/dataset 71)

ISO 8583:2003 bit 51 (TLV tag 01/dataset 71)

Datatype: ["Max35Text"](#) on page 2207

47.1.7.4.5 PANAccountRange <PANAcctRg>

Presence: [0..1]

Definition: Leading digits of the PAN that identifies the card portfolio (for example, Issuer Identification Number). This data should not to be presented to the card acceptor or its environment. (for example, acquirer should not to send or make available to merchant).

Datatype: ["Max19NumericText"](#) on page 2204

47.1.7.4.6 CardPortfolioIdentifier <CardPrtfldr>

Presence: [0..1]

Definition: Identifies the card portfolio.

Datatype: ["Max35Text"](#) on page 2207

47.1.7.4.7 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

AdditionalCardData <AddtlCardData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1386
	Value <Val>	[0..1]	Text		1386

47.1.7.4.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.7.4.7.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.7.5 CardData9

Definition: Non-protected sensitive data associated with the card or payment token performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1387
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1387
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1388
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1388
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1388
	Track3 <Trck3>	[0..1]	Text		1388
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1388
	PANAccountRange <PANAcctRg>	[0..1]	Text		1389
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1389
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1389
	CardCurrencyCode <CardCcyCd>	[0..1]	CodeSet	C2	1389
	CardProductType <CardPdctTp>	[0..1]	Text		1389
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1389
	CardPortfolioIdentifier <CardPrtlldr>	[0..1]	Text		1390
	AdditionalCardData <AddtlCardData>	[0..*]			1390
	Type <Tp>	[0..1]	Text		1390
	Value <Val>	[0..1]	Text		1390

47.1.7.5.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card or a surrogate of the PAN such as a payment token.

ISO 8583 bit 2

Datatype: "Max19NumericText" on page 2204

47.1.7.5.2 ProtectedPANIndicator <PrtctdPANInd>

Presence: [0..1]

Definition: To indicate whether the PAN is using ProtectedData for encryption or not.

False: The PAN is used in plain text

True: The PAN is encrypted by using ProtectedData

Default: False

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.7.5.3 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Distinguishes between instances of the same payment card.

ISO 8583 bit 23

Datatype: "Min2Max3NumericText" on page 2211

47.1.7.5.4 EffectiveDate <FctvDt>

Presence: [0..1]

Definition: Date as from which the card can be used, expressed in one of the following formats: YYYY-MM-DD, YYYY-MM, YY-MM-DD.

ISO 8583:93 & ISO 8583:2003-1 bit 13

Datatype: "ISOYearMonth" on page 2212

47.1.7.5.5 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the card or payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

47.1.7.5.6 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.

ISO 8583 bit 36

Datatype: "Max104Text" on page 2201

47.1.7.5.7 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: Unique non-financial reference assigned to a given PAN. May be used to link the transaction activity to that PAN.

ISO 8583:87 bit 56 (TLV tag 01/dataset 71)

ISO 8583:93 bit 112 (TLV tag 01/dataset 71)

ISO 8583:2003 bit 51 (TLV tag 01/dataset 71)

Datatype: "Max35Text" on page 2207

47.1.7.5.8 PANAccountRange <PANAcctRg>

Presence: [0..1]

Definition: Leading digits of the PAN that identifies the card portfolio (for example, Issuer Identification Number). This data should not to be presented to the card acceptor or its environment. (for example, acquirer should not to send or make available to merchant).

Datatype: "Max19NumericText" on page 2204

47.1.7.5.9 PANFourLastDigits <PANFourLastDgts>

Presence: [0..1]

Definition: Last four digits of the PAN.

Datatype: "Max4NumericText" on page 2208

47.1.7.5.10 CardCountryCode <CardCtryCd>

Presence: [0..1]

Definition: Country code assigned to the card by the card issuer.

ISO 8583 bit 20

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.7.5.11 CardCurrencyCode <CardCcyCd>

Presence: [0..1]

Definition: Currency code assigned to the card by the card issuer.

ISO 8583:2003 bit 6.

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.7.5.12 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "Max35Text" on page 2207

47.1.7.5.13 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Subtype of card product.

Datatype: "Max35Text" on page 2207

47.1.7.5.14 CardPortfolioIdentifier <CardPrftlldr>

Presence: [0..1]

Definition: Identifies the card portfolio.

Datatype: "Max35Text" on page 2207

47.1.7.5.15 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

AdditionalCardData <AddtlCardData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1390
	Value <Val>	[0..1]	Text		1390

47.1.7.5.15.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.7.5.15.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.7.6 CardData8

Definition: Non-protected sensitive data associated with the card or payment token performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1391
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1391
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1392
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1392
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1392
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1392
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1392
	PANAccountRange <PANAcctRg>	[0..1]	Text		1392
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1393
	CardProductType <CardPdctTp>	[0..1]	Text		1393
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1393
	CardPortfolioIdentifier <CardPrftlldr>	[0..1]	Text		1393
	AdditionalCardData <AddtlCardData>	[0..*]			1393
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

47.1.7.6.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card or a surrogate of the PAN such as a payment token.

ISO 8583 bit 2

Datatype: "Max19NumericText" on page 2204

47.1.7.6.2 ProtectedPANIndicator <PrtctdPANInd>

Presence: [0..1]

Definition: To indicate whether the PAN is using ProtectedData for encryption or not.

False: The PAN is used in plain text

True: The PAN is encrypted by using ProtectedData

Default: False

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.7.6.3 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Distinguishes between instances of the same payment card.

ISO 8583 bit 23

Datatype: "Min2Max3NumericText" on page 2211

47.1.7.6.4 EffectiveDate <FctvDt>

Presence: [0..1]

Definition: Date as from which the card can be used, expressed in one of the following formats: YYYY-MM-DD, YYYY-MM, YY-MM-DD.

ISO 8583:93 & ISO 8583:2003-1 bit 13

Datatype: "ISOYearMonth" on page 2212

47.1.7.6.5 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the card or payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

47.1.7.6.6 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: Unique non-financial reference assigned to a given PAN. May be used to link the transaction activity to that PAN.

ISO 8583:87 bit 56 (TLV tag 01/dataset 71)

ISO 8583:93 bit 112 (TLV tag 01/dataset 71)

ISO 8583:2003 bit 51 (TLV tag 01/dataset 71)

Datatype: "Max35Text" on page 2207

47.1.7.6.7 PANReferenceIdentifier <PANRefldr>

Presence: [0..1]

Definition: PAN reference identifier.

Datatype: "Max35Text" on page 2207

47.1.7.6.8 PANAccountRange <PANAcctRg>

Presence: [0..1]

Definition: Leading digits of the PAN that identifies the card portfolio (for example, Issuer Identification Number). This data should not to be presented to the card acceptor or its environment. (for example, acquirer should not to send or make available to merchant).

Datatype: "Max19NumericText" on page 2204

47.1.7.6.9 CardCountryCode <CardCtryCd>

Presence: [0..1]

Definition: Country code assigned to the card by the card issuer.

ISO 8583 bit 20

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.7.6.10 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "Max35Text" on page 2207

47.1.7.6.11 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Sub type of card product.

Datatype: "Max35Text" on page 2207

47.1.7.6.12 CardPortfolioIdentifier <CardPrftflldr>

Presence: [0..1]

Definition: Identifies the card portfolio.

Datatype: "Max35Text" on page 2207

47.1.7.6.13 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

AdditionalCardData <AddtlCardData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1393
	Value <Val>	[0..1]	Text		1394

47.1.7.6.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.7.6.13.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.7.7 CardData7

Definition: Non-protected sensitive data associated with the card or payment token performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1394
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1394
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1395
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1395
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1395
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1395
	PANAccountRange <PANAcctRg>	[0..1]	Text		1395
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1396
	CardProductType <CardPdctTp>	[0..1]	Text		1396
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1396
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1396
	AdditionalCardData <AddtlCardData>	[0..*]			1396
	Type <Tp>	[0..1]	Text		1396
	Value <Val>	[0..1]	Text		1397

47.1.7.7.1 PAN <PAN>

Presence: [0..1]

Definition: Primary Account Number (PAN) of the card or a surrogate of the PAN such as a payment token.

ISO 8583 bit 2

Datatype: "Max19NumericText" on page 2204

47.1.7.7.2 ProtectedPANIndicator <PrtctdPANInd>

Presence: [0..1]

Definition: To indicate whether the PAN is using ProtectedData for encryption or not.

False: The PAN is used in plain text

True: The PAN is encrypted by using ProtectedData

Default: False

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.7.7.3 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Distinguishes between instances of the same payment card.

ISO 8583 bit 23

Datatype: ["Min2Max3NumericText"](#) on page 2211

47.1.7.7.4 EffectiveDate <FctvDt>

Presence: [0..1]

Definition: Date as from which the card can be used, expressed in one of the following formats: YYYY-MM-DD, YYYY-MM, YY-MM-DD.

ISO 8583:93 & ISO 8583:2003-1 bit 13

Datatype: ["ISOYearMonth"](#) on page 2212

47.1.7.7.5 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the card or payment token.

ISO 8583 bit 14.

Datatype: ["ISOYearMonth"](#) on page 2212

47.1.7.7.6 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: Unique non-financial reference assigned to a given PAN. May be used to link the transaction activity to that PAN.

ISO 8583:87 bit 56 (TLV tag 01/dataset 71)

ISO 8583:93 bit 112 (TLV tag 01/dataset 71)

ISO 8583:2003 bit 51 (TLV tag 01/dataset 71)

Datatype: ["Max35Text"](#) on page 2207

47.1.7.7.7 PANAccountRange <PANAcctRg>

Presence: [0..1]

Definition: Leading digits of the PAN that identifies the card portfolio (for example, Issuer Identification Number). This data should not to be presented to the card acceptor or its environment. (for example, acquirer should not to send or make available to merchant).

Datatype: "Max19NumericText" on page 2204

47.1.7.7.8 CardCountryCode <CardCtryCd>

Presence: [0..1]

Definition: Country code assigned to the card by the card issuer.

ISO 8583 bit 20

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.7.7.9 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "Max35Text" on page 2207

47.1.7.7.10 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Sub type of card product.

Datatype: "Max35Text" on page 2207

47.1.7.7.11 CardPortfolioIdentifier <CardPrftlldr>

Presence: [0..1]

Definition: Identifies the card portfolio.

Datatype: "Max35Text" on page 2207

47.1.7.7.12 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

AdditionalCardData <AddtlCardData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1396
	Value <Val>	[0..1]	Text		1397

47.1.7.7.12.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.7.7.12.2 Value <Val>*Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**47.1.7.8 CardData6***Definition:* Non-protected sensitive data associated with the card or payment token performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1397
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1398
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1398
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1398
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1398
	ServiceCode <SvcCd>	[0..1]	Text		1398
	Track1 <Trck1>	[0..1]	Text		1399
	Track2 <Trck2>	[0..1]			1399
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399
	Track3 <Trck3>	[0..1]	Text		1399
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1400
	PANAccountRange <PANAcctRg>	[0..1]	Text		1400
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1400
	CardProductType <CardPdctTp>	[0..1]	Text		1400
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1400
	CardPortfolioIdentifier <CardPrftlldr>	[0..1]	Text		1401
	AdditionalCardData <AddtlCardData>	[0..*]			1401
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

47.1.7.8.1 PAN <PAN>*Presence:* [0..1]*Definition:* Primary Account Number (PAN) of the card or a surrogate of the PAN such as a payment token.

ISO 8583 bit 2

Datatype: ["Max19NumericText" on page 2204](#)

47.1.7.8.2 ProtectedPANIndicator <PrctdPANInd>

Presence: [0..1]

Definition: To indicate whether the PAN is using ProtectedData for encryption or not.

False: The PAN is used in plain text

True: The PAN is encrypted by using ProtectedData

Default: False

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.7.8.3 CardSequenceNumber <CardSeqNb>

Presence: [0..1]

Definition: Distinguishes between instances of the same payment card.

ISO 8583 bit 23

Datatype: ["Min2Max3NumericText" on page 2211](#)

47.1.7.8.4 EffectiveDate <FctvDt>

Presence: [0..1]

Definition: Date as from which the card can be used, expressed in one of the following formats: YYYY-MM-DD, YYYY-MM, YY-MM-DD.

ISO 8583:93 & ISO 8583:2003-1 bit 13

Datatype: ["ISOYearMonth" on page 2212](#)

47.1.7.8.5 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiry date of the card or payment token.

ISO 8583 bit 14.

Datatype: ["ISOYearMonth" on page 2212](#)

47.1.7.8.6 ServiceCode <SvcCd>

Presence: [0..1]

Definition: Service attached to the card as defined in ISO 7813.

ISO 8583 bit 40.

Datatype: ["Exact3NumericText" on page 2200](#)

47.1.7.8.7 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 conforms to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

ISO 8583 bit 45

Datatype: "Max76Text" on page 2210

47.1.7.8.8 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 format conforms to ISO 7813, removing beginning and ending sentinels and longitudinal redundancy check characters.

ISO 8583 bit 35

Track2 <Trck2> contains one of the following **Track2Data1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	TextValue <TxtVal>	[1..1]	Text		1399
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1399

47.1.7.8.8.1 TextValue <TxtVal>

Presence: [1..1]

Definition: Value of track 2 data expressed in text form.

Datatype: "Max37Text" on page 2207

47.1.7.8.8.2 HexadecimalBinaryValue <HexBinryVal>

Presence: [1..1]

Definition: Value of track 2 data expressed in a hex binary form.

Binary, length of 19 with maximum 37 hexadecimal text characters.

When an odd number of hexadecimal text characters is present, a zero must be appended to the end of the string to pad to an even number of hexadecimal text characters.

Datatype: "Max19HexBinaryText" on page 2204

47.1.7.8.9 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 conforms to ISO 4909, removing beginning and ending sentinels and longitudinal redundancy check characters.

ISO 8583 bit 36

Datatype: "Max104Text" on page 2201

47.1.7.8.10 PaymentAccountReference <PmtAcctRef>

Presence: [0..1]

Definition: Unique non-financial reference assigned to a given PAN. May be used to link the transaction activity to that PAN.

ISO 8583:87 bit 56 (TLV tag 01/dataset 71)

ISO 8583:93 bit 112 (TLV tag 01/dataset 71)

ISO 8583:2003 bit 51 (TLV tag 01/dataset 71)

Datatype: "Max35Text" on page 2207

47.1.7.8.11 PANAccountRange <PANAcctRg>

Presence: [0..1]

Definition: Leading digits of the PAN that identifies the card portfolio (for example, Issuer Identification Number). This data should not to be presented to the card acceptor or its environment. (for example, acquirer should not to send or make available to merchant).

Datatype: "Max19NumericText" on page 2204

47.1.7.8.12 CardCountryCode <CardCtryCd>

Presence: [0..1]

Definition: Country code assigned to the card by the card issuer.

ISO 8583 bit 20

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.7.8.13 CardProductType <CardPdctTp>

Presence: [0..1]

Definition: Type of card product.

Datatype: "Max35Text" on page 2207

47.1.7.8.14 CardProductSubType <CardPdctSubTp>

Presence: [0..1]

Definition: Subtype of card product.

Datatype: "Max35Text" on page 2207

47.1.7.8.15 CardPortfolioIdentifier <CardPrftlldr>

Presence: [0..1]

Definition: Identifies the card portfolio.

Datatype: "Max35Text" on page 2207

47.1.7.8.16 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card issuer specific data.

AdditionalCardData <AddtlCardData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1401
	Value <Val>	[0..1]	Text		1401

47.1.7.8.16.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.7.8.16.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8 Card Transaction

47.1.8.1 DepartureOrArrival1

Definition: Contains departure or arrival information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1401
	Description <Desc>	[0..1]	Text		1402
	Date <Dt>	[0..1]	Date		1402
	Time <Tm>	[0..1]	Time		1402

47.1.8.1.1 Location <Lctn>

Presence: [0..1]

Definition: Departure or arrival location (for example, city, airport code, station id, etc).

Datatype: "Max70Text" on page 2209

47.1.8.1.2 Description <Desc>

Presence: [0..1]

Definition: Specific explanation of the location or directions.

Datatype: "Max256Text" on page 2206

47.1.8.1.3 Date <Dt>

Presence: [0..1]

Definition: Departure or arrival date.

Datatype: "ISODate" on page 2196

47.1.8.1.4 Time <Tm>

Presence: [0..1]

Definition: Departure or arrival time.

Datatype: "ISOTime" on page 2211

47.1.8.2 SaleContext8

Definition: Context of the sale involved in a card transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltPmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

47.1.8.2.1 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 2207**47.1.8.2.2 SaleReferenceIdentification <SaleRefId>***Presence:* [0..1]*Definition:* Global reference of the sale transaction for the sale system.*Datatype:* "Max35Text" on page 2207**47.1.8.2.3 SaleReferenceNumber <SaleRefNb>***Presence:* [0..1]*Definition:* Identify a sale transaction assigned by the sale system.*Datatype:* "Max35Text" on page 2207

47.1.8.2.4 GoodsAndServicesType <GoodsAndSvcsTp>

Presence: [0..1]

Definition: Type of goods and/or services.

Datatype: "GoodsAndServices1Code" on page 2153

CodeName	Name	Definition
ELEC	Electronic	Electronic goods and services.
PHYS	Physical	Physical goods or services.
ELPH	ElectronicAndPhysical	Electronic and physical goods and services.

47.1.8.2.5 GoodAndServicesSubType <GoodAndSvcsSubTp>

Presence: [0..1]

Definition: Sub type of goods and/or services.

Datatype: "GoodsAndServicesSubType1Code" on page 2153

CodeName	Name	Definition
CRCU	CryptoCurrency	Sub type applied is cryptocurrency.
FORX	ForeignExchange	Sub type applied is foreign exchange.
OTHN	OtherNational	Other sub type of goods and service at national level.
OTHP	OtherPrivate	Other sub type of goods and service at private level.
SECS	Securities	Sub type applied is securities.

47.1.8.2.6 GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>

Presence: [0..1]

Definition: Other goods and services sub type applied to the transaction.

Datatype: "Max35Text" on page 2207

47.1.8.2.7 GoodAndServiceDeliveryChannel <GoodAndSvcDlrvyChanl>

Presence: [0..1]

Definition: Code that specifies the good or service delivery channel.

Datatype: "GoodAndServiceDeliveryChannel1Code" on page 2152

CodeName	Name	Definition
EDEL	ElectronicDelivery.	Electronic delivery.
PULC	LocalPickUp	Pick up locally
NDEL	NoDelivery	No delivery.
OTHN	OtherNational	Other delivery channel defined at national level.
OTHP	OtherPrivate	Other delivery channel defined at private level.

CodeName	Name	Definition
SCBA	ShippingToCardholderBillingAddress	Shipping to cardholder billing address
SCSA	ShippingToConsumerSpecifiedShippingAddress	Shipping to consumer specified shipping address

47.1.8.2.8 OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>

Presence: [0..1]

Definition: Other good or service delivery channel defined at private or national level.

Datatype: "Max35Text" on page 2207

47.1.8.2.9 GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>

Presence: [0..1]

Definition: Code that specifies the good or service delivery schedule.

Datatype: "GoodAndServiceDeliverySchedule1Code" on page 2152

CodeName	Name	Definition
OTHN	OtherNational	Other delivery schedule defined at national level.
OTHP	OtherPrivate	Other delivery schedule defined at private level.
ONDL	OvernightDelivery.	Overnight delivery.
SDDL	SameDayDelivery	Same day delivery.
TDDL	TwoDaysOrMoreDelivery.	Two days or more delivery.

47.1.8.2.10 OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>

Presence: [0..1]

Definition: Other good or service delivery schedule defined at private or national level.

Datatype: "Max35Text" on page 2207

47.1.8.2.11 SplitPaymentIndicator <SpltPmtInd>

Presence: [0..1]

Definition: Also referred to as split tender. Indicates whether the payment transaction is a partial payment of the sale transaction.

True: Partial payment of a sale transaction

False: Not a partial payment of a sale transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.2.12 ReceiptRequestIndicator <RctReqInd>

Presence: [0..1]

Definition: Indicates whether a receipt from the goods or services provider was requested.

True: Receipt requested

False: Receipt not requested.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.2.13 ReceiptType <RctTp>

Presence: [0..*]

Definition: Type of receipt requested or communication channel used.

Datatype: "ReceiptType1Code" on page 2181

CodeName	Name	Definition
EMAL	EMail	Receipt transmitted by Email.
OTHR	Other	Other type of channel to transmit receipt information to the recipient.
PAPR	Paper	Receipt in a paper form.
SMSM	SMS	Receipt transmitted by SMS message.
URID	UniformResourceIdentifier	Receipt transmitted to a Uniform Resource Identifier (URI) address.

47.1.8.2.14 ReceiptDestination <RctDstn>

Presence: [0..1]

Definition: Destination of the receipt (for example, e-mail address, SMS number, etc.).

Datatype: "Max70Text" on page 2209

47.1.8.2.15 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

47.1.8.2.15.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.2.15.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.3 AddendumData5

Definition: Addendum data structure is applicable to certain merchant verticals that require industry-specific data within transaction messages.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Instalment <Instlmt>	[0..1]	±		1407
	AdditionalData <AddtlData>	[0..*]			1407
	Type <Tp>	[0..1]	Text		1407
	Value <Val>	[0..1]	Text		1408

47.1.8.3.1 Instalment <Instlmt>

Presence: [0..1]

Definition: Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

Instalment <Instlmt> contains the following elements (see "Instalment4" on page 1574 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1574
	Plan <Plan>	[0..*]	±		1574

47.1.8.3.2 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data for the addendum.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1407
	Value <Val>	[0..1]	Text		1408

47.1.8.3.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.3.2.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.4 FleetLineItem4

Definition: Supplies additional transaction information for fleet transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FuelIndicator <FuelInd>	[1..1]	Indicator		1408
	ServiceType <SvcTp>	[0..1]	CodeSet		1409
	FuelBrandCode <FuelBrndCd>	[0..1]	Text		1409
	FleetProductCode <FleetPdctCd>	[0..1]	Text		1409
	FleetProductCategory <FleetPdctCtgy>	[0..1]	Text		1409
	FleetProductQualifier <FleetPdctQlfr>	[0..1]	Text		1409
	FleetProductCodeAssigner <FleetPdctCdAssgnr>	[0..1]	Text		1409
	UnitPriceTaxIndicator <UnitPricTaxInd>	[0..1]	Indicator		1409
	UnitPrice <UnitPric>	[0..1]	Amount		1410
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1410
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1411
	ProductQuantity <PdctQty>	[0..1]	Quantity		1412
	DiscountAmount <DscntAmt>	[0..1]	Amount		1412
	NonTaxableIndicator <NonTaxblInd>	[0..1]	Indicator		1412
	Tax <Tax>	[0..*]	±		1412
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1412
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1413

47.1.8.4.1 FuelIndicator <FuelInd>

Presence: [1..1]

Definition: Indicates whether or not the line item represents a fuel or non-fuel product or service.

True = Fuel item

False = Non-fuel item

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.4.2 ServiceType <SvcTp>

Presence: [0..1]

Definition: Type of service received at the acceptor location.

Datatype: "FleetServiceType1Code" on page 2148

CodeName	Name	Definition
SLSV	SelfService	Self service
HSDI	HighSpeedDispenser	High speed dispenser that may or may not support varying flow rates.
FLSV	FullService	Full service

47.1.8.4.3 FuelBrandCode <FuelBrndCd>

Presence: [0..1]

Definition: Code that identifies the brand of the fuel purchased.

Datatype: "Max4Text" on page 2208

47.1.8.4.4 FleetProductCode <FleetPdctCd>

Presence: [0..1]

Definition: Product code of fleet product or service being purchased.

Datatype: "Max4Text" on page 2208

47.1.8.4.5 FleetProductCategory <FleetPdctCtgy>

Presence: [0..1]

Definition: Contains a code that identifies a category of fleet products or services.

Datatype: "Max35Text" on page 2207

47.1.8.4.6 FleetProductQualifier <FleetPdctQlfr>

Presence: [0..1]

Definition: Contains a code that identifies the product qualifier of the fleet product or service.

Datatype: "Max6Text" on page 2209

47.1.8.4.7 FleetProductCodeAssigner <FleetPdctCdAssgnr>

Presence: [0..1]

Definition: Contains a code that identifies the product code assigner.

Datatype: "Max35Text" on page 2207

47.1.8.4.8 UnitPriceTaxIndicator <UnitPricTaxInd>

Presence: [0..1]

Definition: Indicates whether or not tax is included in unit price.

True: includes tax

False: does not include tax.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.4.9 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Unit price of the fleet line item.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.4.10 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure1Code" on page 2192

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.

CodeName	Name	Definition
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.

47.1.8.4.11 OtherUnitOfMeasure <OthrUnitOfMeasr>

Presence: [0..1]

Definition: Other unit of measure.

Datatype: "Max35Text" on page 2207

47.1.8.4.12 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Quantity of product or item.

Datatype: "DecimalNumber" on page 2197

47.1.8.4.13 DiscountAmount <DscntAmt>

Presence: [0..1]

Definition: Contains the discount amount applied to the fleet transaction (includes coupons).

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.4.14 NonTaxableIndicator <NonTaxblInd>

Presence: [0..1]

Definition: Indicates whether or not amount of fleet purchase is taxable.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.4.15 Tax <Tax>

Presence: [0..*]

Definition: Taxes related to the products or services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.4.16 TotalAmountExcludingTax <TtlAmtExclgTax>

Presence: [0..1]

Definition: Total amount excluding tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.4.17 TotalAmountIncludingTax <TtlAmtInclgTax>

Presence: [0..1]

Definition: Total amount including tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.5 TelecomServicesSummary2

Definition: Telecom services summary component carries summary level telephony billing data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Customer <Cstmr>	[0..1]	±		1413
	BillingStatementPeriodStart <BllgStmntPrdStart>	[0..1]	Date		1413
	BillingStatementPeriodEnd <BllgStmntPrdEnd>	[0..1]	Date		1413
	BillingEvent <BllgEvt>	[0..*]	±		1413
	TotalTax <TtlTax>	[0..*]	±		1414
	AdditionalData <AddtlData>	[0..1]	Text		1414

47.1.8.5.1 Customer <Cstmr>

Presence: [0..1]

Definition: Contains the details of the customer. Also known as the user of the service.

Customer <Cstmr> contains the following elements (see "Customer6" on page 1853 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountNumber <AcctNb>	[0..1]	Text		1853
	Name <Nm>	[0..1]	Text		1853
	PhoneNumber <PhneNb>	[0..1]	Text		1854

47.1.8.5.2 BillingStatementPeriodStart <BllgStmntPrdStart>

Presence: [0..1]

Definition: Contains the billing period start date for telecommunication or related services.

Datatype: "ISODate" on page 2196

47.1.8.5.3 BillingStatementPeriodEnd <BllgStmntPrdEnd>

Presence: [0..1]

Definition: Contains the billing period end date for telecommunication or related services.

Datatype: "ISODate" on page 2196

47.1.8.5.4 BillingEvent <BllgEvt>

Presence: [0..*]

Definition: Summary of the charges associated with the billing event.

BillingEvent <BllgEvt> contains the following elements (see ["Amount19" on page 1348](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Description <Desc>	[0..1]	Text		1349
	Amount <Amt>	[1..1]	Amount		1349
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1349
	Tax <Tax>	[0..*]	±		1349

47.1.8.5.5 TotalTax <TtlTax>

Presence: [0..*]

Definition: Total of taxes applicable to the billing amount.

TotalTax <TtlTax> contains the following elements (see ["Tax39" on page 2091](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.5.6 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the shipment.

Datatype: ["Max350Text" on page 2206](#)

47.1.8.6 LodgingLineItem2

Definition: Lodging line item details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1415
	Time <Tm>	[0..1]	Time		1415
	Type <Tp>	[0..1]	CodeSet		1415
	OtherType <OthrTp>	[0..1]	Text		1416
	PostCheckOutIndicator <PstChckOutInd>	[0..1]	Indicator		1416
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1416
	UnitAmount <UnitAmt>	[0..1]	Amount		1417
	Duration <Drtn>	[0..1]	Text		1417
	SubTotalAmount <SubTtlAmt>	[0..1]	Amount		1417
	Tax <Tax>	[0..*]	±		1417
	AdditionalData <AddtlData>	[0..1]	Text		1417

47.1.8.6.1 Date <Dt>

Presence: [0..1]

Definition: Date of the charge for the product or service associated with the line item.

Datatype: "ISODate" on page 2196

47.1.8.6.2 Time <Tm>

Presence: [0..1]

Definition: Time of the charge for the product or service associated with the line item.

Datatype: "ISOTime" on page 2211

47.1.8.6.3 Type <Tp>

Presence: [0..1]

Definition: Type of product or service associated with the line item.

Datatype: "LodgingService1Code" on page 2161

CodeName	Name	Definition
ACCO	Accommodation	Room accommodation
AUDI	AudioVisual	Audio visual lodging service.
BANQ	Banquet	Banquet lodging service.
BREK	Breakfast	Breakfast lodging service.
BUSS	BusinessCentre	Business centre lodging service.
CONC	Concierge	Concierge lodging service.
EARA	EarlyArrival	Early arrival lodging service.
EARD	EarlyDeparture	Early departure lodging service.

CodeName	Name	Definition
ENTR	Entertainment	Entertainment lodging service.
FCAA	FolioCashAdvance	Folio cash advance lodging service.
GAME	Games	Games lodging service.
GARA	Garage	Garage lodging service.
GIFT	GiftShop	Gift shop lodging service.
HEAL	Health	Health lodging service.
INTE	Internet	Internet lodging service.
LAUN	Laundry	Laundry lodging service.
LONG	LoungeBar	Lounge bar lodging service.
MINI	MiniBar	Mini bar lodging service.
NOSH	NoShow	No show lodging service.
OTHR	Other	Other type of service.
PARK	Parking	Parking lodging service.
PHON	Phone	Phone lodging service.
REST	Restaurant	Restaurant lodging service.
RMSE	RoomService	Room service.
SPAS	Spa	Spa lodging service.
THRD	ThirdParty	Third-party lodging service.
TRAN	Transportation	Transportation lodging service.
VODS	VideoOnDemand	Video on demand lodging service.

47.1.8.6.4 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of product or service associated with the line item.

Datatype: "Max35Text" on page 2207

47.1.8.6.5 PostCheckoutIndicator <PstChckOutInd>

Presence: [0..1]

Definition: Indicates whether or not the charge originated following the checkout.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.6.6 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.8.6.7 UnitAmount <UnitAmt>

Presence: [0..1]

Definition: Contains the cost for one unit of the product or service.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.6.8 Duration <Drtn>

Presence: [0..1]

Definition: Duration of the trip.

Datatype: "Max4NumericText" on page 2208

47.1.8.6.9 SubTotalAmount <SubTtlAmt>

Presence: [0..1]

Definition: Subtotal amount of line item. (e.g. total nightly rate, etc.)

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.6.10 Tax <Tax>

Presence: [0..*]

Definition: Taxes related to the products or services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.6.11 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional data.

Datatype: "Max350Text" on page 2206

47.1.8.7 InvoiceLineItem2*Definition:* Item purchased with the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1418
	OrderDate <OrdDt>	[0..1]	Date		1419
	ContractNumber <CtrctNb>	[0..1]	Text		1419
	ShippingDate <ShppgDt>	[0..1]	Date		1419
	RebillingIndicator <RbllgInd>	[0..1]	Indicator		1419
	MedicalServicesIndicator <MdclSvcsInd>	[0..1]	Indicator		1419
	ShipToIndustryCode <ShipToIndstryCd>	[0..1]	Text		1419
	ProductCode <PdctCd>	[0..1]	Text		1419
	ProductQualifier <PdctQlfr>	[0..1]	Text		1420
	Description <Desc>	[0..1]	Text		1420
	TypeOfSupply <TpOfSppl>	[0..1]	Text		1420
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1420
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1422
	UnitPrice <UnitPric>	[0..1]	Amount		1422
	ProductQuantity <PdctQty>	[0..1]	Quantity		1422
	Adjustment <Adjstmnt>	[0..1]			1422
	Amount <Amt>	[1..1]	Amount		1422
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1422
	Reason <Rsn>	[0..1]	Text		1423
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1423
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1423
	Tax <Tax>	[0..*]	±		1423
	UniqueVATInvoiceReference <UnqVATInvcRef>	[0..1]	Text		1423
	TotalAmount <TtlAmt>	[0..1]	Amount		1424
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1424
	ZeroCostToCustomerIndicator <ZeroCostToCstmrlInd>	[0..1]	Indicator		1424
	AdditionalData <AddtlData>	[0..1]	Text		1424

47.1.8.7.1 Date <Dt>*Presence:* [0..1]

Definition: Invoice date.

Datatype: "ISODate" on page 2196

47.1.8.7.2 OrderDate <OrdDt>

Presence: [0..1]

Definition: Invoice order date.

Datatype: "ISODate" on page 2196

47.1.8.7.3 ContractNumber <CtrctNb>

Presence: [0..1]

Definition: Contains the corporate contract number.

Datatype: "Max70Text" on page 2209

47.1.8.7.4 ShippingDate <ShppgDt>

Presence: [0..1]

Definition: Shipping date of the product or the date services rendered.

Datatype: "ISODate" on page 2196

47.1.8.7.5 RebillingIndicator <RbllgInd>

Presence: [0..1]

Definition: Rebilling indicator.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.7.6 MedicalServicesIndicator <MdclSvcsInd>

Presence: [0..1]

Definition: Indicates whether or not the invoice line item represents a medical service.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.7.7 ShipToIndustryCode <ShipToIndstryCd>

Presence: [0..1]

Definition: Contains the health industry number to which the medical services are being shipped (for example, Medical Services ship to Health Industry Number).

Datatype: "Max50Text" on page 2208

47.1.8.7.8 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2209

47.1.8.7.9 ProductQualifier <PdctQlfr>

Presence: [0..1]

Definition: Contains a code that identifies the product number qualifier of the product (for example, medical services).

Datatype: "Max35Text" on page 2207

47.1.8.7.10 Description <Desc>

Presence: [0..1]

Definition: May contain further clarifying data, such as event name, etc.

Datatype: "Max256Text" on page 2206

47.1.8.7.11 TypeOfSupply <TpOfSppl>

Presence: [0..1]

Definition: Indicates whether the purchase is categorized

as goods or services.

Datatype: "Max10Text" on page 2202

47.1.8.7.12 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure1Code" on page 2192

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.

CodeName	Name	Definition
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.

CodeName	Name	Definition
ACRE	Acre	Unit of measure equal to 4, 840 square yards.

47.1.8.7.13 OtherUnitOfMeasure <OthrUnitOfMeasr>

Presence: [0..1]

Definition: Other unit of measure.

Datatype: "Max35Text" on page 2207

47.1.8.7.14 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Contains the price for one unit of the product or service.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.7.15 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Quantity of product or item.

Datatype: "DecimalNumber" on page 2197

47.1.8.7.16 Adjustment <Adjstmnt>

Presence: [0..1]

Definition: Total line item amount, inclusive of adjustments and exclusive of taxes.

Adjustment <Adjstmnt> contains the following **Adjustment12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1422
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1422
	Reason <Rsn>	[0..1]	Text		1423

47.1.8.7.16.1 Amount <Amt>

Presence: [1..1]

Definition: Contains the adjusted amount (for example, discounts).

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.7.16.2 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.

CodeName	Name	Definition
DBIT	Debit	Operation is a decrease.

47.1.8.7.16.3 Reason <Rsn>

Presence: [0..1]

Definition: Reason for the adjustment.

Datatype: "Max35Text" on page 2207

47.1.8.7.17 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.7.18 InsuranceAmount <InsrncAmt>

Presence: [0..1]

Definition: Cost of the insurance purchased.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.7.19 Tax <Tax>

Presence: [0..*]

Definition: Taxes related to the products or services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclnTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.7.20 UniqueVATInvoiceReference <UnqVATInvRef>

Presence: [0..1]

Definition: Identifies the value-added tax (VAT) invoice or tax receipt.

Datatype: "Max35Text" on page 2207

47.1.8.7.21 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Total amount of line item, inclusive of any applicable adjustments and taxes.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.7.22 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.8.7.23 ZeroCostToCustomerIndicator <ZeroCostToCstmrInd>

Presence: [0..1]

Definition: Indicates whether or not the line item carries a cost.

True : Line item does not have any cost associated to the customer.

False : Line item has cost associated to the customer.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.7.24 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional data.

Datatype: "Max350Text" on page 2206

47.1.8.8 Sale2

Definition: Details of good and services included in the sale.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1425
	LineItem <Lineitm>	[0..*]	±		1425

47.1.8.8.1 Summary <Summry>

Presence: [0..1]

Definition: Sale summary information.

Summary <Summry> contains the following elements (see "SaleSummary1" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1678
	LoyaltyProgramme <LltyPrgrmm>	[0..1]	±		1678
	Adjustment <Adjstmnt>	[0..*]			1679
	Type <Tp>	[0..1]	Text		1679
	AdditionalType <AddtlTp>	[0..1]	Text		1679
	Description <Desc>	[0..1]	Text		1679
	Reason <Rsn>	[0..1]	Text		1680
	PromotionCode <PrmtnCd>	[0..1]	Text		1680
	Percentage <Pctg>	[0..1]	Rate		1680
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1680
	TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>	[0..1]	Indicator		1680

47.1.8.8.2 Lineltem <Lineltm>

Presence: [0..*]

Definition: Sale line item information.

LinItem <LinItem> contains the following elements (see "SaleItem3" on page 1427 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductType <PdctTp>	[0..1]	Text		1429
	ProductCode <PdctCd>	[0..1]	Text		1429
	ProductCodeType <PdctCdTp>	[0..1]	CodeSet		1429
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1429
	AdditionalProductCodeType <AddtlPdctCdTp>	[0..1]	Text		1429
	ProductCodeModifier <PdctCdModfr>	[0..1]	Quantity		1430
	ProductDescription <PdctDesc>	[0..1]	Text		1430
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1430
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1431
	ProductQuantity <PdctQty>	[0..1]	Quantity		1432
	NonAdjustedUnitPrice <NonAdjstdUnitPric>	[0..1]	Amount		1432
	NonAdjustedTotalAmount <NonAdjstdTtlAmt>	[0..1]	Amount		1432
	Adjustment <Adjstmnt>	[0..*]			1432
	Type <Tp>	[0..1]	Text		1432
	AdditionalType <AddtlTp>	[0..1]	Text		1433
	Description <Desc>	[0..1]	Text		1433
	Reason <Rsn>	[0..1]	Text		1433
	PromotionEligibility <PrmtnElgblty>	[0..1]	Indicator		1433
	PromotionCode <PrmtnCd>	[0..1]	Text		1433
	PromotionCouponNumber <PrmtnCpnNb>	[0..1]	Text		1433
	Quantity <Qty>	[0..1]	Quantity		1433
	UnitPrice <UnitPric>	[0..1]	Amount		1433
	Percentage <Pctg>	[0..1]	Rate		1434
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1434
	TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>	[0..1]	Indicator		1434
	AdjustedAmount <AdjstdAmt>	[0..1]	Amount		1434
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1434
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1434
	Tax <Tax>	[0..*]	±		1434
	TotalAmount <TtlAmt>	[0..1]	Amount		1435

47.1.8.9 SaleItem3

Definition: Item purchased with the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductType <PdctTp>	[0..1]	Text		1429
	ProductCode <PdctCd>	[0..1]	Text		1429
	ProductCodeType <PdctCdTp>	[0..1]	CodeSet		1429
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1429
	AdditionalProductCodeType <AddtlPdctCdTp>	[0..1]	Text		1429
	ProductCodeModifier <PdctCdModfr>	[0..1]	Quantity		1430
	ProductDescription <PdctDesc>	[0..1]	Text		1430
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1430
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1431
	ProductQuantity <PdctQty>	[0..1]	Quantity		1432
	NonAdjustedUnitPrice <NonAdjstdUnitPric>	[0..1]	Amount		1432
	NonAdjustedTotalAmount <NonAdjstdTtlAmt>	[0..1]	Amount		1432
	Adjustment <Adjstmnt>	[0..*]			1432
	Type <Tp>	[0..1]	Text		1432
	AdditionalType <AddtlTp>	[0..1]	Text		1433
	Description <Desc>	[0..1]	Text		1433
	Reason <Rsn>	[0..1]	Text		1433
	PromotionEligibility <PrmtnElgblty>	[0..1]	Indicator		1433
	PromotionCode <PrmtnCd>	[0..1]	Text		1433
	PromotionCouponNumber <PrmtnCpnNb>	[0..1]	Text		1433
	Quantity <Qty>	[0..1]	Quantity		1433
	UnitPrice <UnitPric>	[0..1]	Amount		1433
	Percentage <Pctg>	[0..1]	Rate		1434
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1434
	TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>	[0..1]	Indicator		1434
	AdjustedAmount <AdjstdAmt>	[0..1]	Amount		1434
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1434
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1434
	Tax <Tax>	[0..*]	±		1434
	TotalAmount <TtlAmt>	[0..1]	Amount		1435

47.1.8.9.1 ProductType <PdctTp>

Presence: [0..1]

Definition: Contains the product type of the sale line item.

Datatype: "Max35Text" on page 2207

47.1.8.9.2 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2209

47.1.8.9.3 ProductCodeType <PdctCdTp>

Presence: [0..1]

Definition: Contains a list of codes used to identify a product.

Datatype: "ProductCodeType1Code" on page 2179

CodeName	Name	Definition
EA13	EuropeanArticleNumber13	European Article Number of type-13 also known as International Article Number
EAN8	EuropeanArticleNumber8	European Article Number of type-8 also known as International Article Number
GTIN	GlobalTradeItemNumber	Global Trade Item Number (GTIN) is an identifier for trade items.
OTHR	Other	Other type of product code classification.
PLUP	PriceLookUpCodes	Price look-up codes, commonly called PLU codes, PLU numbers, PLUs, produce codes, or produce labels, are identification numbers affixed to produce in grocery stores and supermarkets
RS14	ReduceSpaceSymbology14	RSS 14 barcode (Reduce Space Symbology) encodes the full EAN item identification in a symbol that can be omnidirectionally scanned by suitably configured point-of-sale laser scanners.
UPCA	UniformProductCodeA	Uniform Product Code - A-type
UPCE	UniformProductCodeE	Uniform Product Code E-Type

47.1.8.9.4 AdditionalProductCode <AddtlPdctCd>

Presence: [0..1]

Definition: Additional code related to the product.

Datatype: "Max70Text" on page 2209

47.1.8.9.5 AdditionalProductCodeType <AddtlPdctCdTp>

Presence: [0..1]

Definition: Additional type of codification used to identify a product.

Datatype: "Max35Text" on page 2207

47.1.8.9.6 ProductCodeModifier <PdctCdModfr>

Presence: [0..1]

Definition: Code discriminator between a product code and its format to uniquely identify a specific product (for example, Item or pack of same items).

Datatype: "DecimalNumber" on page 2197

47.1.8.9.7 ProductDescription <PdctDesc>

Presence: [0..1]

Definition: Description of the product or item.

Datatype: "Max140Text" on page 2203

47.1.8.9.8 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure1Code" on page 2192

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.

CodeName	Name	Definition
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.

47.1.8.9.9 OtherUnitOfMeasure <OthrUnitOfMeasr>

Presence: [0..1]

Definition: Other unit of measure.

Datatype: "Max35Text" on page 2207

47.1.8.9.10 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Quantity of product or item.

Datatype: "DecimalNumber" on page 2197

47.1.8.9.11 NonAdjustedUnitPrice <NonAdjstdUnitPric>

Presence: [0..1]

Definition: Original, non-adjusted cost of one unit of the product or service before discounts and taxes.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.9.12 NonAdjustedTotalAmount <NonAdjstdTtlAmt>

Presence: [0..1]

Definition: Original, non-adjusted total cost of a product or service before discounts and taxes.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.9.13 Adjustment <Adjstmnt>

Presence: [0..*]

Definition: Adjustment made to the original price.

Adjustment <Adjstmnt> contains the following **Adjustment10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1432
	AdditionalType <AddtlTp>	[0..1]	Text		1433
	Description <Desc>	[0..1]	Text		1433
	Reason <Rsn>	[0..1]	Text		1433
	PromotionEligibility <PrmtnElgblty>	[0..1]	Indicator		1433
	PromotionCode <PrmtnCd>	[0..1]	Text		1433
	PromotionCouponNumber <PrmtnCpnNb>	[0..1]	Text		1433
	Quantity <Qty>	[0..1]	Quantity		1433
	UnitPrice <UnitPric>	[0..1]	Amount		1433
	Percentage <Pctg>	[0..1]	Rate		1434
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1434
	TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>	[0..1]	Indicator		1434

47.1.8.9.13.1 Type <Tp>

Presence: [0..1]

Definition: Type of adjustment.

Datatype: "Max35Text" on page 2207

47.1.8.9.13.2 AdditionalType <AddtlTp>

Presence: [0..1]

Definition: Additional information to specify the type of adjustment.

Datatype: "Max35Text" on page 2207

47.1.8.9.13.3 Description <Desc>

Presence: [0..1]

Definition: Description of the adjustment.

Datatype: "Max70Text" on page 2209

47.1.8.9.13.4 Reason <Rsn>

Presence: [0..1]

Definition: Reason for the adjustment.

Datatype: "Max35Text" on page 2207

47.1.8.9.13.5 PromotionEligibility <PrmtnElgblty>

Presence: [0..1]

Definition: Identifies when the item is eligible or prohibited from a discount or adjustment.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.9.13.6 PromotionCode <PrmtnCd>

Presence: [0..1]

Definition: Promotion or adjustment code.

Datatype: "Max35Text" on page 2207

47.1.8.9.13.7 PromotionCouponNumber <PrmtnCpnNb>

Presence: [0..1]

Definition: May contain coupon number, discount code, etc.

Datatype: "Max35Text" on page 2207

47.1.8.9.13.8 Quantity <Qty>

Presence: [0..1]

Definition: Identifies the quantity of the item that is adjusted (can be less than the total quantity of the item being purchased).

Datatype: "DecimalNumber" on page 2197

47.1.8.9.13.9 UnitPrice <UnitPric>

Presence: [0..1]

Definition: Contains the adjusted unit price (does not include tax).

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.9.13.10 Percentage <Pctg>

Presence: [0..1]

Definition: Contains the percentage value of the discount (when applicable).

Datatype: "PercentageRate" on page 2199

47.1.8.9.13.11 AdjustmentAmount <AdjstmntAmt>

Presence: [0..1]

Definition: Contains amount of the adjustment, exclusive of tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.9.13.12 TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>

Presence: [0..1]

Definition: Indicates whether or not tax was calculated on the original amount of the transaction.

Note that false (or not present) indicates applicable taxes are based on adjusted amount.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.9.14 AdjustedAmount <AdjstdAmt>

Presence: [0..1]

Definition: Total cost of the line item amount, inclusive adjustments and exclusive of taxes.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.9.15 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.9.16 InsuranceAmount <InsrncAmt>

Presence: [0..1]

Definition: Cost of the insurance purchased.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.9.17 Tax <Tax>

Presence: [0..*]

Definition: Taxes applying to the good or item.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.9.18 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Total cost of the line item, inclusive of all applicable adjustments and taxes.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.10 AddendumData4

Definition: Addendum data structure is applicable to certain merchant verticals that require industry-specific data within transaction messages.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Fleet <Fleet>	[0..1]	±		1435
	Instalment <Instlmt>	[0..1]	±		1436
	AdditionalData <AddtlData>	[0..*]			1436
	Type <Tp>	[0..1]	Text		1436
	Value <Val>	[0..1]	Text		1436

47.1.8.10.1 Fleet <Fleet>

Presence: [0..1]

Definition: Fleet data pertaining to the payment transaction.

Fleet <Fleet> contains the following elements (see "FleetData5" on page 1440 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LineItem <Lineitm>	[0..*]	±		1440

47.1.8.10.2 Instalment <Instlmt>

Presence: [0..1]

Definition: Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

Instalment <Instlmt> contains the following elements (see "Instalment4" on page 1574 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1574
	Plan <Plan>	[0..*]	±		1574

47.1.8.10.3 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data for the addendum.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1436
	Value <Val>	[0..1]	Text		1436

47.1.8.10.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.10.3.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.11 FleetLineItem3

Definition: Supplies additional transaction information for fleet transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedItemIndicator <AllwdltmInd>	[0..1]	Indicator		1437
	FuelIndicator <FuelInd>	[1..1]	Indicator		1437
	ServiceType <SvcTp>	[0..1]	CodeSet		1437
	FleetProductCategory <FleetPdctCtgy>	[0..1]	Text		1438
	FleetProductCode <FleetPdctCd>	[0..1]	Text		1438
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1438
	ProductQuantity <PdctQty>	[0..1]	Quantity		1439
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1440
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1440

47.1.8.11.1 AllowedItemIndicator <AllwdltmInd>

Presence: [0..1]

Definition: Indicates whether or not the requested product or service is allowed.

True = Allowed

False = Not allowed

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.11.2 FuelIndicator <FuelInd>

Presence: [1..1]

Definition: Indicates whether or not the line item represents a fuel or non-fuel product or service.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.11.3 ServiceType <SvcTp>

Presence: [0..1]

Definition: Type of service received at the acceptor location.

Datatype: "FleetServiceType1Code" on page 2148

CodeName	Name	Definition
SLSV	SelfService	Self service
HSDI	HighSpeedDispenser	High speed dispenser that may or may not support varying flow rates.

CodeName	Name	Definition
FLSV	FullService	Full service

47.1.8.11.4 FleetProductCategory <FleetPdctCtgy>

Presence: [0..1]

Definition: Contains a code that identifies a category of fleet products or services.

Datatype: "Max35Text" on page 2207

47.1.8.11.5 FleetProductCode <FleetPdctCd>

Presence: [0..1]

Definition: Code that identifies the type of fuel or non-fuel product or service being purchased.

Datatype: "Max15Text" on page 2203

47.1.8.11.6 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item purchased.

Datatype: "UnitOfMeasure1Code" on page 2192

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.

CodeName	Name	Definition
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.

47.1.8.11.7 ProductQuantity <PdctQty>

Presence: [0..1]

Definition: Quantity of product or item.

Datatype: "DecimalNumber" on page 2197

47.1.8.11.8 TotalAmountExcludingTax <TtlAmtExclgTax>

Presence: [0..1]

Definition: Total amount excluding tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.11.9 TotalAmountIncludingTax <TtlAmtInclgTax>

Presence: [0..1]

Definition: Total amount including tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.12 FleetData5

Definition: Fleet data pertaining to the payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LinItem <LinItem>	[0..*]	±		1440

47.1.8.12.1 LinItem <LinItem>

Presence: [0..*]

Definition: It is designed to carry detail level fleet data and to enable issuers to supply more transaction information to their consumer and corporate clients pertaining to fleet transactions.

LinItem <LinItem> contains the following elements (see "FleetLinItem3" on page 1436 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedItemIndicator <AllwdItemInd>	[0..1]	Indicator		1437
	FuelIndicator <FuelInd>	[1..1]	Indicator		1437
	ServiceType <SvcTp>	[0..1]	CodeSet		1437
	FleetProductCategory <FleetPdctCtgy>	[0..1]	Text		1438
	FleetProductCode <FleetPdctCd>	[0..1]	Text		1438
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1438
	ProductQuantity <PdctQty>	[0..1]	Quantity		1439
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1440
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1440

47.1.8.13 TelecomServices2

Definition: Telecom services carries telephony billing data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1441
	Lineltm <Lineltm>	[0..*]	±		1441

47.1.8.13.1 Summary <Summry>

Presence: [0..1]

Definition: Telecom Services Summary component is designed to carry summary level telephony billing data and to enable issuers to supply more transaction information to their consumer and corporate clients pertaining to telecommunications services and related billing information.

Summary <Summry> contains the following elements (see "[TelecomServicesSummary2](#)" on page 1413 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Customer <Cstmr>	[0..1]	±		1413
	BillingStatementPeriodStart <BllgStmntPrdStart>	[0..1]	Date		1413
	BillingStatementPeriodEnd <BllgStmntPrdEnd>	[0..1]	Date		1413
	BillingEvent <BllgEvt>	[0..*]	±		1413
	TotalTax <TtlTax>	[0..*]	±		1414
	AdditionalData <AddtlData>	[0..1]	Text		1414

47.1.8.13.2 Lineltm <Lineltm>

Presence: [0..*]

Definition: Telecom Services Line Item component is designed to carry detail level telephony billing data and to enable issuers to supply more transaction information to their consumer and corporate clients pertaining to telecommunications services and related billing information.

LinItem <LinItem> contains the following elements (see "TelecomServicesLinItem2" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartDateTime <StartDtTm>	[0..1]	Date		1442
	TimePeriod <TmPrd>	[0..1]	Text		1442
	Duration <Drtn>	[0..1]	Time		1443
	CallFrom <CallFr>	[0..1]	±		1443
	CallTo <CallTo>	[0..1]	±		1443
	Charge <Chrg>	[0..*]	±		1444
	TotalTax <TtlTax>	[0..*]	±		1444
	TotalAmount <TtlAmt>	[0..1]	Amount		1444
	Description <Desc>	[0..1]	Text		1444
	AdditionalData <AddtlData>	[0..1]	Text		1445

47.1.8.14 TelecomServicesLinItem2

Definition: Telecom services line item carries detail level telephony billing data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartDateTime <StartDtTm>	[0..1]	Date		1442
	TimePeriod <TmPrd>	[0..1]	Text		1442
	Duration <Drtn>	[0..1]	Time		1443
	CallFrom <CallFr>	[0..1]	±		1443
	CallTo <CallTo>	[0..1]	±		1443
	Charge <Chrg>	[0..*]	±		1444
	TotalTax <TtlTax>	[0..*]	±		1444
	TotalAmount <TtlAmt>	[0..1]	Amount		1444
	Description <Desc>	[0..1]	Text		1444
	AdditionalData <AddtlData>	[0..1]	Text		1445

47.1.8.14.1 StartDateTime <StartDtTm>

Presence: [0..1]

Definition: Contains the start date and time of the phone call.

Datatype: "ISODate" on page 2196

47.1.8.14.2 TimePeriod <TmPrd>

Presence: [0..1]

Definition: Describes the period (such as peak or off peak) of the phone call.

Datatype: "Max35Text" on page 2207

47.1.8.14.3 Duration <Drtn>

Presence: [0..1]

Definition: Duration of phone call expressed in HHMMSS format.

Datatype: "ISOTime" on page 2211

47.1.8.14.4 CallFrom <CallFr>

Presence: [0..1]

Definition: Contains the location description for the originator of the telephone call and the number from which the call was made.

CallFrom <CallFr> contains the following elements (see "TelecomCallDetails2" on page 1445 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1445
	OtherType <OthrTp>	[0..1]	Text		1445
	PhoneNumber <PhneNb>	[0..1]	Text		1446
	City <City>	[0..1]	Text		1446
	State <Stat>	[0..1]	Text		1446
	Province <Prvc>	[0..1]	Text		1446
	Country <Ctry>	[0..1]	CodeSet		1446

47.1.8.14.5 CallTo <CallTo>

Presence: [0..1]

Definition: Contains the location description for the destination of the telephone call and the number to which the call was made.

CallTo <CallTo> contains the following elements (see "TelecomCallDetails2" on page 1445 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1445
	OtherType <OthrTp>	[0..1]	Text		1445
	PhoneNumber <PhneNb>	[0..1]	Text		1446
	City <City>	[0..1]	Text		1446
	State <Stat>	[0..1]	Text		1446
	Province <Prvc>	[0..1]	Text		1446
	Country <Ctry>	[0..1]	CodeSet		1446

47.1.8.14.6 Charge <Chrg>

Presence: [0..*]

Definition: Contains the amount pertaining to the telephony billing event.

Charge <Chrg> contains the following elements (see ["Amount20"](#) on page 1347 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TypeOfCharge <TpOfChrg>	[0..1]	CodeSet		1347
	OtherTypeOfCharge <OthrTpOfChrg>	[0..1]	Text		1348
	Amount <Amt>	[1..1]	Amount		1348
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1348

47.1.8.14.7 TotalTax <TtlTax>

Presence: [0..*]

Definition: Total of taxes applicable to the billing amount

TotalTax <TtlTax> contains the following elements (see ["Tax39"](#) on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.14.8 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Total amount applicable to the billing event.

Datatype: ["ImpliedCurrencyAndAmount"](#) on page 2110

47.1.8.14.9 Description <Desc>

Presence: [0..1]

Definition: Description of the telecommunications services line item details

Datatype: ["Max256Text"](#) on page 2206

47.1.8.14.10 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the telecommunications services.

Datatype: "Max350Text" on page 2206

47.1.8.15 TelecomCallDetails2

Definition: Structured call details with address.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1445
	OtherType <OthrTp>	[0..1]	Text		1445
	PhoneNumber <PhneNb>	[0..1]	Text		1446
	City <City>	[0..1]	Text		1446
	State <Stat>	[0..1]	Text		1446
	Province <Prvc>	[0..1]	Text		1446
	Country <Ctry>	[0..1]	CodeSet		1446

47.1.8.15.1 Type <Tp>

Presence: [0..1]

Definition: Contains call type values.

Datatype: "TelephonyCallType1Code" on page 2187

CodeName	Name	Definition
VCML	VoiceMail	Voice mail
TFPC	TollFreeCall	Toll free phone call
PAGE	Page	Page
OGPC	OutgoingCall	Outgoing phone call
OTHP	OtherPrivate	Other private
OTHN	OtherNational	Other national
OTCL	Other	Other type of call not elsewhere classified.
ICPC	IncomingCall	Incoming phone call

47.1.8.15.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Contains other call type values.

Datatype: "Max70Text" on page 2209

47.1.8.15.3 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Origination or destination phone number.

Datatype: "PhoneNumber" on page 2211

47.1.8.15.4 City <City>

Presence: [0..1]

Definition: City from which or to which the call was made.

Datatype: "Max35Text" on page 2207

47.1.8.15.5 State <Stat>

Presence: [0..1]

Definition: State from which or to which the call was made.

Datatype: "Max16Text" on page 2204

47.1.8.15.6 Province <Prvc>

Presence: [0..1]

Definition: Province from which or to which the call was made.

Datatype: "Max35Text" on page 2207

47.1.8.15.7 Country <Ctry>

Presence: [0..1]

Definition: Country from which or to which the call was made.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.8.16 FleetData4

Definition: Fleet data pertaining to the payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1446
	LineItem <Lineitm>	[0..*]	±		1450

47.1.8.16.1 Summary <Summry>

Presence: [0..1]

Definition: Invoice Summary information.

Summary <Summry> contains the following elements (see "FleetSummary2" on page 1450 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Driver <Drvr>	[0..1]			1454
	Name <Nm>	[0..1]	Text		1455
	Identification <Id>	[0..1]	Text		1456
	DrivingLicense <DrvgLic>	[0..1]			1456
	Type <Tp>	[0..1]	Text		1456
	Form <Form>	[0..1]	CodeSet		1456
	Identification <Id>	[1..1]	Text		1457
	Assigner <Assgnr>	[0..1]	CodeSet		1457
	IssuanceDate <IssncDt>	[0..1]	Date		1457
	ExpirationDate <XprtnDt>	[0..1]	Date		1457
	Country <Ctry>	[0..1]	CodeSet		1457
	State <Stat>	[0..1]	Text		1457
	Province <Pvc>	[0..1]	Text		1457
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1458
	Employer <Mplyr>	[0..1]	Text		1458
	EmployeeIdentification <MplyeId>	[0..1]	Text		1458
	DepartmentNumber <DeptNb>	[0..1]	Text		1458
	AdditionalIdentification <AddtlId>	[0..*]			1458
	Type <Tp>	[1..1]	CodeSet		1458
	Form <Form>	[0..1]	CodeSet		1459
	Identification <Id>	[1..1]	Text		1459
	Assigner <Assgnr>	[0..1]	Text		1460
	IssuanceDate <IssncDt>	[0..1]	Date		1460
	ExpirationDate <XprtnDt>	[0..1]	Date		1460
	Country <Ctry>	[0..1]	CodeSet		1460
	DateOfBirth <DtOfBirth>	[0..1]	Date		1460
	AdditionalData <AddtlData>	[0..1]			1460
	Type <Tp>	[0..1]	Text		1460
	Value <Val>	[0..1]	Text		1460
	Vehicle <Vhcl>	[0..1]			1461
	VehicleNumber <VhclNb>	[0..1]	Text		1463

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleIdentificationNumber <VhclIdNb>	[0..1]	Text		1463
	FleetNumber <FleetNb>	[0..1]	Text		1463
	SubFleetNumber <SubFleetNb>	[0..1]	Text		1463
	UnitNumber <UnitNb>	[0..1]	Text		1463
	TrailerNumber <TrlrNb>	[0..1]	Text		1463
	VehicleTag <VhclTag>	[0..1]	Text		1463
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		1464
	ReplacementVehicleIndicator <RplcmntVhclInd>	[0..1]	Indicator		1464
	Odometer <Odmtr>	[0..1]	Quantity		1464
	Hubometer <Hbmtr>	[0..1]	Quantity		1464
	MaintenanceIdentification <Mntncld>	[0..1]	Text		1465
	OnBoardDiagnostics <OnBrdDgnstcs>	[0..1]			1465
	EngineIdleTime <NgnIdleTm>	[0..1]	Quantity		1465
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1466
	EngineHours <NgnHrs>	[0..1]	Quantity		1466
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1466
	EngineLoad <NgnLd>	[0..1]	Text		1466
	EngineRPM <NgnRPM>	[0..1]	Text		1466
	EngineOilTemperature <NgnOilTmprtr>	[0..1]	Quantity		1466
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1466
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1467
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1467
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1467
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1467
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1467
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1467
	RefrigerationTemperature <RfrgrtnTmprtr>	[0..1]	Quantity		1467
	CoolantTemperature <CoolntTmprtr>	[0..1]	Quantity		1467
	BatteryVoltage <BttryVltg>	[0..1]	Text		1468
	HardBraking <HardBrakg>	[0..1]	Text		1468
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1468

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalVehicleData <AddtlVhclData>	[0..*]			1468
	Type <Tp>	[0..1]	Text		1468
	EntryMode <NtryMd>	[0..1]	CodeSet		1468
	Data <Data>	[1..1]	Text		1469
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			1469
	DriverOrVehicleIdentification <DrvrOrVhclId>	[0..1]	Text		1469
	AdditionalCardData <AddtlCardData>	[0..*]			1469
	Type <Tp>	[0..1]	Text		1470
	Value <Val>	[0..1]	Text		1470
	CardFuelPromptCode <CardFuelPrmptCd>	[0..1]	Quantity		1470
	AgentFuelPromptCode <AgtFuelPrmptCd>	[0..1]	Text		1470
	TripInformation <TripInf>	[0..1]			1470
	TripNumber <TripNb>	[0..1]	Text		1470
	JobNumber <JobNb>	[0..1]	Text		1471
	WorkOrder <WorkOrd>	[0..1]	Text		1471
	InvoiceNumber <InvcNb>	[0..1]	Text		1471
	BillingIdentification <BlglId>	[0..1]	Text		1471
	ControlNumber <CtrlNb>	[0..1]	Text		1471
	DeliveryTicketNumber <DlrvyTcktNb>	[0..1]	Text		1471
	LocalAmenity <LclAmnty>	[0..*]			1471
	Type <Tp>	[1..1]	CodeSet		1472
	OtherType <OthrTp>	[0..1]	Text		1472
	AvailableIndicator <AvlblInd>	[0..1]	Indicator		1472
	TransactionRelatedData <TxRltdData>	[0..*]			1473
	PurchaseType <PurchsTp>	[0..1]	CodeSet		1473
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1473
	DiscountTotal <DscntTtl>	[0..1]			1473
	TotalAmount <TtlAmt>	[0..1]	Amount		1474
	FuelAmount <FuelAmt>	[0..1]	Amount		1474
	NonFuelAmount <NonFuelAmt>	[0..1]	Amount		1474
	TaxTotal <TaxTtl>	[0..*]	±		1474

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[0..1]	Amount		1475
	AdditionalData <AddtlData>	[0..1]			1475
	EnteredDataNumeric <NtrdDataNmrc>	[0..1]	Text		1475
	EnteredDataAlphaNumeric <NtrdDataAlphaNmrc>	[0..1]	Text		1475
	AdditionalData <AddtlData>	[0..1]	Text		1475

47.1.8.16.2 Lineltem <Lineltm>

Presence: [0..*]

Definition: Fleet Line Item component is designed to carry detail level fleet data and to enable issuers to supply more transaction information to their consumer and corporate clients pertaining to fleet transactions.

Lineltem <Lineltm> contains the following elements (see "FleetLineltem4" on page 1408 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FuelIndicator <FuelInd>	[1..1]	Indicator		1408
	ServiceType <SvcTp>	[0..1]	CodeSet		1409
	FuelBrandCode <FuelBrndCd>	[0..1]	Text		1409
	FleetProductCode <FleetPdctCd>	[0..1]	Text		1409
	FleetProductCategory <FleetPdctCtgy>	[0..1]	Text		1409
	FleetProductQualifier <FleetPdctQlfr>	[0..1]	Text		1409
	FleetProductCodeAssigner <FleetPdctCdAssgnr>	[0..1]	Text		1409
	UnitPriceTaxIndicator <UnitPricTaxInd>	[0..1]	Indicator		1409
	UnitPrice <UnitPric>	[0..1]	Amount		1410
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1410
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1411
	ProductQuantity <PdctQty>	[0..1]	Quantity		1412
	DiscountAmount <DscntAmt>	[0..1]	Amount		1412
	NonTaxableIndicator <NonTaxblInd>	[0..1]	Indicator		1412
	Tax <Tax>	[0..*]	±		1412
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1412
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1413

47.1.8.17 FleetSummary2

Definition: Supplies additional transaction information for fleet transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Driver <Drvr>	[0..1]			1454
	Name <Nm>	[0..1]	Text		1455
	Identification <Id>	[0..1]	Text		1456
	DrivingLicense <DrvgLic>	[0..1]			1456
	Type <Tp>	[0..1]	Text		1456
	Form <Form>	[0..1]	CodeSet		1456
	Identification <Id>	[1..1]	Text		1457
	Assigner <Assgnr>	[0..1]	CodeSet		1457
	IssuanceDate <IssncDt>	[0..1]	Date		1457
	ExpirationDate <XprtnDt>	[0..1]	Date		1457
	Country <Ctry>	[0..1]	CodeSet		1457
	State <Stat>	[0..1]	Text		1457
	Province <Pvc>	[0..1]	Text		1457
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1458
	Employer <Mplyr>	[0..1]	Text		1458
	EmployeeIdentification <Mplyeeld>	[0..1]	Text		1458
	DepartmentNumber <DeptNb>	[0..1]	Text		1458
	AdditionalIdentification <AddtlId>	[0..*]			1458
	Type <Tp>	[1..1]	CodeSet		1458
	Form <Form>	[0..1]	CodeSet		1459
	Identification <Id>	[1..1]	Text		1459
	Assigner <Assgnr>	[0..1]	Text		1460
	IssuanceDate <IssncDt>	[0..1]	Date		1460
	ExpirationDate <XprtnDt>	[0..1]	Date		1460
	Country <Ctry>	[0..1]	CodeSet		1460
	DateOfBirth <DtOfBirth>	[0..1]	Date		1460
	AdditionalData <AddtlData>	[0..1]			1460
	Type <Tp>	[0..1]	Text		1460
	Value <Val>	[0..1]	Text		1460
	Vehicle <Vhcl>	[0..1]			1461
	VehicleNumber <VhclNb>	[0..1]	Text		1463

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleIdentificationNumber <VhclIdNb>	[0..1]	Text		1463
	FleetNumber <FleetNb>	[0..1]	Text		1463
	SubFleetNumber <SubFleetNb>	[0..1]	Text		1463
	UnitNumber <UnitNb>	[0..1]	Text		1463
	TrailerNumber <TrlrNb>	[0..1]	Text		1463
	VehicleTag <VhclTag>	[0..1]	Text		1463
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		1464
	ReplacementVehicleIndicator <RplcmntVhclInd>	[0..1]	Indicator		1464
	Odometer <Odmtr>	[0..1]	Quantity		1464
	Hubometer <Hbmtr>	[0..1]	Quantity		1464
	MaintenanceIdentification <Mntncld>	[0..1]	Text		1465
	OnBoardDiagnostics <OnBrdDgnstcs>	[0..1]			1465
	EngineIdleTime <NgnIdleTm>	[0..1]	Quantity		1465
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1466
	EngineHours <NgnHrs>	[0..1]	Quantity		1466
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1466
	EngineLoad <NgnLd>	[0..1]	Text		1466
	EngineRPM <NgnRPM>	[0..1]	Text		1466
	EngineOilTemperature <NgnOilTmptr>	[0..1]	Quantity		1466
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1466
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1467
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1467
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1467
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1467
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1467
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1467
	RefrigerationTemperature <RfrgrtnTmptr>	[0..1]	Quantity		1467
	CoolantTemperature <CoolntTmptr>	[0..1]	Quantity		1467
	BatteryVoltage <BttryVltg>	[0..1]	Text		1468
	HardBraking <HardBrakg>	[0..1]	Text		1468
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1468

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalVehicleData <AddtlVhclData>	[0..*]			1468
	Type <Tp>	[0..1]	Text		1468
	EntryMode <NtryMd>	[0..1]	CodeSet		1468
	Data <Data>	[1..1]	Text		1469
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			1469
	DriverOrVehicleIdentification <DrvrOrVhclId>	[0..1]	Text		1469
	AdditionalCardData <AddtlCardData>	[0..*]			1469
	Type <Tp>	[0..1]	Text		1470
	Value <Val>	[0..1]	Text		1470
	CardFuelPromptCode <CardFuelPrmptCd>	[0..1]	Quantity		1470
	AgentFuelPromptCode <AgtFuelPrmptCd>	[0..1]	Text		1470
	TripInformation <TripInf>	[0..1]			1470
	TripNumber <TripNb>	[0..1]	Text		1470
	JobNumber <JobNb>	[0..1]	Text		1471
	WorkOrder <WorkOrd>	[0..1]	Text		1471
	InvoiceNumber <InvcNb>	[0..1]	Text		1471
	BillingIdentification <BlglId>	[0..1]	Text		1471
	ControlNumber <CtrlNb>	[0..1]	Text		1471
	DeliveryTicketNumber <DlrvyTcktNb>	[0..1]	Text		1471
	LocalAmenity <LclAmnty>	[0..*]			1471
	Type <Tp>	[1..1]	CodeSet		1472
	OtherType <OthrTp>	[0..1]	Text		1472
	AvailableIndicator <AvlblInd>	[0..1]	Indicator		1472
	TransactionRelatedData <TxRltdData>	[0..*]			1473
	PurchaseType <PurchsTp>	[0..1]	CodeSet		1473
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1473
	DiscountTotal <DscntTtl>	[0..1]			1473
	TotalAmount <TtlAmt>	[0..1]	Amount		1474
	FuelAmount <FuelAmt>	[0..1]	Amount		1474
	NonFuelAmount <NonFuelAmt>	[0..1]	Amount		1474
	TaxTotal <TaxTtl>	[0..*]	±		1474

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[0..1]	Amount		1475
	AdditionalData <AddtlData>	[0..1]			1475
	EnteredDataNumeric <NtrdDataNmrc>	[0..1]	Text		1475
	EnteredDataAlphaNumeric <NtrdDataAlphaNmrc>	[0..1]	Text		1475
	AdditionalData <AddtlData>	[0..1]	Text		1475

47.1.8.17.1 Driver <Drvr>

Presence: [0..1]

Definition: Contains driver-related information.

Driver <Drvr> contains the following **Driver2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1455
	Identification <Id>	[0..1]	Text		1456
	DrivingLicense <DrvLic>	[0..1]			1456
	Type <Tp>	[0..1]	Text		1456
	Form <Form>	[0..1]	CodeSet		1456
	Identification <Id>	[1..1]	Text		1457
	Assigner <Assgnr>	[0..1]	CodeSet		1457
	IssuanceDate <IssncDt>	[0..1]	Date		1457
	ExpirationDate <XprtnDt>	[0..1]	Date		1457
	Country <Ctry>	[0..1]	CodeSet		1457
	State <Stat>	[0..1]	Text		1457
	Province <Prvc>	[0..1]	Text		1457
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1458
	Employer <Mplyr>	[0..1]	Text		1458
	EmployeeIdentification <MplyeId>	[0..1]	Text		1458
	DepartmentNumber <DeptNb>	[0..1]	Text		1458
	AdditionalIdentification <AddtlId>	[0..*]			1458
	Type <Tp>	[1..1]	CodeSet		1458
	Form <Form>	[0..1]	CodeSet		1459
	Identification <Id>	[1..1]	Text		1459
	Assigner <Assgnr>	[0..1]	Text		1460
	IssuanceDate <IssncDt>	[0..1]	Date		1460
	ExpirationDate <XprtnDt>	[0..1]	Date		1460
	Country <Ctry>	[0..1]	CodeSet		1460
	DateOfBirth <DtOfBirth>	[0..1]	Date		1460
	AdditionalData <AddtlData>	[0..1]			1460
	Type <Tp>	[0..1]	Text		1460
	Value <Val>	[0..1]	Text		1460

47.1.8.17.1.1 Name <Nm>

Presence: [0..1]

Definition: Name of fleet driver.

Datatype: "Max70Text" on page 2209

47.1.8.17.1.2 Identification <Id>

Presence: [0..1]

Definition: Fleet driver identification.

Datatype: "Max70Text" on page 2209

47.1.8.17.1.3 DrivingLicense <DrvgLic>

Presence: [0..1]

Definition: Driving license details.

DrivingLicense <DrvgLic> contains the following **DrivingLicense2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1456
	Form <Form>	[0..1]	CodeSet		1456
	Identification <Id>	[1..1]	Text		1457
	Assigner <Assgnr>	[0..1]	CodeSet		1457
	IssuanceDate <IssncDt>	[0..1]	Date		1457
	ExpirationDate <XprtnDt>	[0..1]	Date		1457
	Country <Ctry>	[0..1]	CodeSet		1457
	State <Stat>	[0..1]	Text		1457
	Province <Prvc>	[0..1]	Text		1457
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1458

47.1.8.17.1.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of driving license.

Datatype: "Max70Text" on page 2209

47.1.8.17.1.3.2 Form <Form>

Presence: [0..1]

Definition: Form of driving license.

Datatype: "PresentationMedium2Code" on page 2178

CodeName	Name	Definition
BIOM	Biometric	Biometric medium.
ELEC	Electronic	Presentation is made electronically.
PAPR	Paper	Presentation is made on paper.
BOTH	PaperElectronic	Presentation is made on paper and/or electronically.

47.1.8.17.1.3.3 Identification <Id>

Presence: [1..1]

Definition: Identification of the driver license (for example, driver license number).

Datatype: "Max70Text" on page 2209

47.1.8.17.1.3.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Authority assigning an identification to a driver license.

Datatype: "LegalStructure1Code" on page 2159

CodeName	Name	Definition
STAE	State	Legal structure is a state.
PVIN	Province	Legal structure is a province.
MUNI	Municipal	Legal structure is a municipal.
CNTY	County	Legal structure is a county.
NATI	National	Legal structure is a state.

47.1.8.17.1.3.5 IssuanceDate <IssncDt>

Presence: [0..1]

Definition: Date of issuance of the driving license.

Datatype: "ISODate" on page 2196

47.1.8.17.1.3.6 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Expiration date of the driving license (if and when relevant).

Datatype: "ISODate" on page 2196

47.1.8.17.1.3.7 Country <Ctry>

Presence: [0..1]

Definition: Country issuing the driver license.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.8.17.1.3.8 State <Stat>

Presence: [0..1]

Definition: State issuing the driver license (if and when relevant).

Datatype: "Max16Text" on page 2204

47.1.8.17.1.3.9 Province <Prvc>

Presence: [0..1]

Definition: Province issuing the driver license (if and when relevant).

Datatype: "Max16Text" on page 2204

47.1.8.17.1.3.10 OtherAuthority <OthrAuthrty>

Presence: [0..1]

Definition: Other authority issuing a driver license.

Datatype: "Max16Text" on page 2204

47.1.8.17.1.4 Employer <Mplyr>

Presence: [0..1]

Definition: Contains the employer information.

Datatype: "Max70Text" on page 2209

47.1.8.17.1.5 EmployeeIdentification <MplyeId>

Presence: [0..1]

Definition: Contains the employee identification number as assigned by the fleet operator.

Datatype: "Max70Text" on page 2209

47.1.8.17.1.6 DepartmentNumber <DeptNb>

Presence: [0..1]

Definition: Contains the fleet driver's department number as assigned by the fleet operator.

Datatype: "Max35Text" on page 2207

47.1.8.17.1.7 AdditionalIdentification <AddtId>

Presence: [0..*]

Definition: Additional identification used for the driver.

AdditionalIdentification <AddtId> contains the following **TravelDocument2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1458
	Form <Form>	[0..1]	CodeSet		1459
	Identification <Id>	[1..1]	Text		1459
	Assigner <Assgnr>	[0..1]	Text		1460
	IssuanceDate <IssncDt>	[0..1]	Date		1460
	ExpirationDate <XprtnDt>	[0..1]	Date		1460
	Country <Ctry>	[0..1]	CodeSet		1460

47.1.8.17.1.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of travel document.

Datatype: "OfficialDocumentType1Code" on page 2168

CodeName	Name	Definition
ARNU	AlienRegistration	Number assigned by a government agency to identify foreign nationals.
AUTH	Authorisation	Travel authorisation assigned by a government agency (e.g. ESTA, etc.)
DIPL	Diplomatic	Diplomatic passport or travel document.
DVLC	DrivingLicense	Driving license.
EURO	Europol	Europol-issued travel or related document.
IDEN	IdentityCard	Identity card.
INTE	Internal	Internal travel document.
INPO	Interpol	Interpol-issued travel or related document
LZPR	Laissezpasser	Emergency travel or related document.
OTHN	OtherNational	Other type of official document defined at national level.
OTHP	OtherPrivate	Other type of official document defined at private level.
PASS	Passport	Passport.
VISA	PassportVisa	Visa issued by a government or related authority.
PERM	Permit	Permit.
REFU	Refugee	Travel or related document issued to refugees.

47.1.8.17.1.7.2 Form <Form>

Presence: [0..1]

Definition: Form of travel document.

Datatype: "PresentationMedium2Code" on page 2178

CodeName	Name	Definition
BIOM	Biometric	Biometric medium.
ELEC	Electronic	Presentation is made electronically.
PAPR	Paper	Presentation is made on paper.
BOTH	PaperElectronic	Presentation is made on paper and/or electronically.

47.1.8.17.1.7.3 Identification <Id>

Presence: [1..1]

Definition: Identification of travel document (for example, passport number).

Datatype: "Max70Text" on page 2209

47.1.8.17.1.7.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Party assigning the travel document.

Datatype: "Max70Text" on page 2209

47.1.8.17.1.7.5 IssuanceDate <IssncDt>

Presence: [0..1]

Definition: Issuance date of travel document.

Datatype: "ISODate" on page 2196

47.1.8.17.1.7.6 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Expiration date of travel document (if and when relevant).

Datatype: "ISODate" on page 2196

47.1.8.17.1.7.7 Country <Ctry>

Presence: [0..1]

Definition: Country issuing the travel document.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.8.17.1.8 DateOfBirth <DtOfBirth>

Presence: [0..1]

Definition: Date of birth of vehicle rental driver.

Datatype: "ISODate" on page 2196

47.1.8.17.1.9 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional fleet summary-level information.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1460
	Value <Val>	[0..1]	Text		1460

47.1.8.17.1.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.17.1.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.17.2 Vehicle <Vhcl>

Presence: [0..1]

Definition: Vehicle belonging to the fleet.

Vehicle <Vhcl> contains the following **Vehicle5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleNumber <VhclNb>	[0..1]	Text		1463
	VehicleIdentificationNumber <VhclIdNb>	[0..1]	Text		1463
	FleetNumber <FleetNb>	[0..1]	Text		1463
	SubFleetNumber <SubFleetNb>	[0..1]	Text		1463
	UnitNumber <UnitNb>	[0..1]	Text		1463
	TrailerNumber <TrlrNb>	[0..1]	Text		1463
	VehicleTag <VhclTag>	[0..1]	Text		1463
	VehicleTagEntryMode <VhclTagNtryMd>	[0..1]	CodeSet		1464
	ReplacementVehicleIndicator <RplcmntVhclInd>	[0..1]	Indicator		1464
	Odometer <Odmtr>	[0..1]	Quantity		1464
	Hubometer <Hbmtr>	[0..1]	Quantity		1464
	MaintenancIdentification <MntncId>	[0..1]	Text		1465
	OnBoardDiagnostics <OnBrdDgnstcs>	[0..1]			1465
	EngineIdleTime <NgnIdleTm>	[0..1]	Quantity		1465
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1466
	EngineHours <NgnHrs>	[0..1]	Quantity		1466
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1466
	EngineLoad <NgnLd>	[0..1]	Text		1466
	EngineRPM <NgnRPM>	[0..1]	Text		1466
	EngineOilTemperature <NgnOilTmprtr>	[0..1]	Quantity		1466
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1466
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1467
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1467
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1467
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1467
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1467
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1467
	RefrigerationTemperature <RfrgrtnTmprtr>	[0..1]	Quantity		1467
	CoolantTemperature <CoolntTmprtr>	[0..1]	Quantity		1467
	BatteryVoltage <BttryVltg>	[0..1]	Text		1468
	HardBraking <HardBrakg>	[0..1]	Text		1468

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1468
	AdditionalVehicleData <AddtlVhclData>	[0..*]			1468
	Type <Tp>	[0..1]	Text		1468
	EntryMode <NtryMd>	[0..1]	CodeSet		1468
	Data <Data>	[1..1]	Text		1469

47.1.8.17.2.1 VehicleNumber <VhclNb>

Presence: [0..1]

Definition: Identification number assigned to the vehicle by the fleet operator. This may not be a legal registration.

Datatype: "Max35NumericText" on page 2207

47.1.8.17.2.2 VehicleIdentificationNumber <VhclIdNb>

Presence: [0..1]

Definition: Number that uniquely identifies the vehicle as assigned by the vehicle manufacturer.

Datatype: "Max35NumericText" on page 2207

47.1.8.17.2.3 FleetNumber <FleetNb>

Presence: [0..1]

Definition: Fleet number.

Datatype: "Max10Text" on page 2202

47.1.8.17.2.4 SubFleetNumber <SubFleetNb>

Presence: [0..1]

Definition: Sub fleet number.

Datatype: "Max35Text" on page 2207

47.1.8.17.2.5 UnitNumber <UnitNb>

Presence: [0..1]

Definition: Identification of the unit number of the vehicle in the fleet.

Datatype: "Max35NumericText" on page 2207

47.1.8.17.2.6 TrailerNumber <TrlrNb>

Presence: [0..1]

Definition: Identification number assigned to the trailer.

Datatype: "Max35NumericText" on page 2207

47.1.8.17.2.7 VehicleTag <VhclTag>

Presence: [0..1]

Definition: Registration tag of the vehicle.

Datatype: "Max35Text" on page 2207

47.1.8.17.2.8 VehicleTagEntryMode <VhclTagNtryMd>

Presence: [0..1]

Definition: Entry mode of the registration tag.

Datatype: "CardDataReading5Code" on page 2135

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.

47.1.8.17.2.9 ReplacementVehicleIndicator <RpIcmntVhclInd>

Presence: [0..1]

Definition: True indicates a replacement vehicle.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.17.2.10 Odometer <Odmtr>

Presence: [0..1]

Definition: Odometer reading value indicating the distance travelled by the vehicle (for example, car, van, pickup truck, semi-truck portion of a tractor trailer unit).

Datatype: "DecimalNumber" on page 2197

47.1.8.17.2.11 Hubometer <Hbmtr>

Presence: [0..1]

Definition: Hubometer reading value indicating the distance travelled by the trailer (for example, the semi-trailer portion of a tractor trailer unit).

Datatype: "DecimalNumber" on page 2197

47.1.8.17.2.12 MaintenanceIdentification <Mntncld>

Presence: [0..1]

Definition: Identification assigned to the vehicle related to maintenance.

Datatype: "Max35Text" on page 2207

47.1.8.17.2.13 OnBoardDiagnostics <OnBrdDgnstcs>

Presence: [0..1]

Definition: Data captured from on board diagnostic systems.

OnBoardDiagnostics <OnBrdDgnstcs> contains the following **OnBoardDiagnostics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EngineIdleTime <NgnIdleTm>	[0..1]	Quantity		1465
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1466
	EngineHours <NgnHrs>	[0..1]	Quantity		1466
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1466
	EngineLoad <NgnLd>	[0..1]	Text		1466
	EngineRPM <NgnRPM>	[0..1]	Text		1466
	EngineOilTemperature <NgnOilTmprtr>	[0..1]	Quantity		1466
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1466
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1467
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1467
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1467
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1467
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1467
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1467
	RefrigerationTemperature <RfrgrtnTmprtr>	[0..1]	Quantity		1467
	CoolantTemperature <CoolntTmprtr>	[0..1]	Quantity		1467
	BatteryVoltage <BttryVltg>	[0..1]	Text		1468
	HardBraking <HardBrakg>	[0..1]	Text		1468
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1468

47.1.8.17.2.13.1 EngineIdleTime <NgnIdleTm>

Presence: [0..1]

Definition: Current amount of time the vehicle engine has run idle (under no load) as determined by the vehicle monitoring system.

Expressed in hours

Datatype: "Max10NumberFraction2" on page 2197

47.1.8.17.2.13.2 EngineTotalIdleTime <NgnTtlIdleTm>

Presence: [0..1]

Definition: Total amount of time the vehicle engine has run idle (under no load) since the last reset, as determined by the vehicle monitoring system.

Expressed in hours

Datatype: "Max10NumberFraction2" on page 2197

47.1.8.17.2.13.3 EngineHours <NgnHrs>

Presence: [0..1]

Definition: Number of hours the engine has been running (including idle time) as determined by the vehicle monitoring system.

Datatype: "Max10NumberFraction2" on page 2197

47.1.8.17.2.13.4 EngineTotalTime <NgnTtlTm>

Presence: [0..1]

Definition: Amount of time elapsed since the previous reset as determined by the vehicle monitoring system.

Expressed in hours

Datatype: "Max6NumberFraction2" on page 2198

47.1.8.17.2.13.5 EngineLoad <NgnLd>

Presence: [0..1]

Definition: Engine load measured as determined by the vehicle monitoring system.

Datatype: "Max12NumericText" on page 2203

47.1.8.17.2.13.6 EngineRPM <NgnRPM>

Presence: [0..1]

Definition: Maximum revolutions per minute experienced by the crankshaft of the vehicle engine as determined by the vehicle monitoring system.

Datatype: "Max5NumericText" on page 2209

47.1.8.17.2.13.7 EngineOilTemperature <NgnOilTmprtr>

Presence: [0..1]

Definition: Temperature of the engine oil as determined by the vehicle monitoring system.

Datatype: "Max6NumberFraction2" on page 2198

47.1.8.17.2.13.8 EngineOilPressure <NgnOilPrssr>

Presence: [0..1]

Definition: Pressure of the engine oil as determined by the vehicle monitoring system.

Datatype: "Max3NumericText" on page 2207

47.1.8.17.2.13.9 EngineOilLifeRemaining <NgnOilLifeRmng>

Presence: [0..1]

Definition: Time remaining before next oil change expressed as a percentage, as determined by the vehicle monitoring system.

Datatype: "Max3NumericText" on page 2207

47.1.8.17.2.13.10 CheckEngineWarningStatus <ChckNgnWrngSts>

Presence: [0..1]

Definition: Check engine status as determined by the vehicle monitoring system.

Datatype: "Max35Text" on page 2207

47.1.8.17.2.13.11 FuelTankLevelStart <FuelTankLvlStart>

Presence: [0..1]

Definition: Fuel tank start level reading as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 2208

47.1.8.17.2.13.12 FuelGaugeLevel <FuelGaugeLvl>

Presence: [0..1]

Definition: Current fuel tank gauge level reading as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 2208

47.1.8.17.2.13.13 FuelEconomy <FuelEcnmy>

Presence: [0..1]

Definition: Fuel economy expressed in terms of the amount of fuel consumed per unit of travel as determined by the vehicle monitoring system.

Datatype: "Max6NumberFraction2" on page 2198

47.1.8.17.2.13.14 RefrigerationHours <RfrgrtnHrs>

Presence: [0..1]

Definition: Number of hours the refrigeration unit has been in operation.

Datatype: "Max10NumberFraction2" on page 2197

47.1.8.17.2.13.15 RefrigerationTemperature <RfrgrtnTmprtr>

Presence: [0..1]

Definition: Temperature of the refrigeration unit/trailer as determined by the vehicle monitoring system.

Datatype: "Max6NumberFraction2" on page 2198

47.1.8.17.2.13.16 CoolantTemperature <CoolntTmprtr>

Presence: [0..1]

Definition: Temperature of the coolant as determined by the vehicle monitoring system.

Datatype: "Max6NumberFraction2" on page 2198

47.1.8.17.2.13.17 BatteryVoltage <BttryVltg>

Presence: [0..1]

Definition: Voltage of the vehicle battery as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 2208

47.1.8.17.2.13.18 HardBraking <HardBrakg>

Presence: [0..1]

Definition: Number of occurrences of hard breaking as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 2208

47.1.8.17.2.13.19 HardAcceleration <HardAcclrtn>

Presence: [0..1]

Definition: Number of occurrences of hard acceleration as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 2208

47.1.8.17.2.14 AdditionalVehicleData <AddtlVhclData>

Presence: [0..*]

Definition: Additional information related to the vehicle.

AdditionalVehicleData <AddtlVhclData> contains the following **Vehicle2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1468
	EntryMode <NtryMd>	[0..1]	CodeSet		1468
	Data <Data>	[1..1]	Text		1469

47.1.8.17.2.14.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 2207

47.1.8.17.2.14.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 2135

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.

CodeName	Name	Definition
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.

47.1.8.17.2.14.3 Data <Data>

Presence: [1..1]

Definition: Information related to the vehicle.

Datatype: "Max35Text" on page 2207

47.1.8.17.3 DriverOrVehicleCard <DrvrOrVhclCard>

Presence: [0..1]

Definition: Second card presented for the payment transaction.

DriverOrVehicleCard <DrvrOrVhclCard> contains the following **PlainCardData21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DriverOrVehicleIdentification <DrvrOrVhclId>	[0..1]	Text		1469
	AdditionalCardData <AddtlCardData>	[0..*]			1469
	Type <Tp>	[0..1]	Text		1470
	Value <Val>	[0..1]	Text		1470

47.1.8.17.3.1 DriverOrVehicleIdentification <DrvrOrVhclId>

Presence: [0..1]

Definition: Identification of the driver or vehicle.

Datatype: "Max20Text" on page 2205

47.1.8.17.3.2 AdditionalCardData <AddtlCardData>

Presence: [0..*]

Definition: Additional card specific data.

AdditionalCardData <AddtlCardData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1470
	Value <Val>	[0..1]	Text		1470

47.1.8.17.3.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.17.3.2.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.17.4 CardFuelPromptCode <CardFuelPrmptCd>

Presence: [0..1]

Definition: Indicates whether or not fuel or fleet data prompting should occur.

Datatype: "Max1Number" on page 2198

47.1.8.17.5 AgentFuelPromptCode <AgtFuelPrmptCd>

Presence: [0..1]

Definition: Currently known as "TransactionNumber". An identification code assigned by an agent. This code can be used after applying for and awaiting the appropriate prompt value to be defined.

Datatype: "Max35Text" on page 2207

47.1.8.17.6 TripInformation <TripInf>

Presence: [0..1]

Definition: Contains the details related to an individual trip.

TripInformation <TripInf> contains the following **TripInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TripNumber <TripNb>	[0..1]	Text		1470
	JobNumber <JobNb>	[0..1]	Text		1471
	WorkOrder <WorkOrd>	[0..1]	Text		1471
	InvoiceNumber <InvNb>	[0..1]	Text		1471
	BillingIdentification <BllgId>	[0..1]	Text		1471
	ControlNumber <CtrlNb>	[0..1]	Text		1471
	DeliveryTicketNumber <DlvryTcktNb>	[0..1]	Text		1471

47.1.8.17.6.1 TripNumber <TripNb>

Presence: [0..1]

Definition: Identification number of the trip.

Datatype: "Max35Text" on page 2207

47.1.8.17.6.2 JobNumber <JobNb>

Presence: [0..1]

Definition: Contains an indicator identifying the job or task identifier of the individual.

Datatype: "Max10Text" on page 2202

47.1.8.17.6.3 WorkOrder <WorkOrd>

Presence: [0..1]

Definition: Contains the work order or purchase order number.

Datatype: "Max70Text" on page 2209

47.1.8.17.6.4 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Contains the invoice number.

Datatype: "Max70Text" on page 2209

47.1.8.17.6.5 BillingIdentification <BlldId>

Presence: [0..1]

Definition: Contains the billing identification number.

Datatype: "Max70Text" on page 2209

47.1.8.17.6.6 ControlNumber <CtrlNb>

Presence: [0..1]

Definition: Identification number assigned by an agent.

Datatype: "Max35Text" on page 2207

47.1.8.17.6.7 DeliveryTicketNumber <DlvryTcktNb>

Presence: [0..1]

Definition: Delivery Ticket Number for the trip information.

Datatype: "Max35Text" on page 2207

47.1.8.17.7 LocalAmenity <LclAmnty>

Presence: [0..*]

Definition: Indicates the amenities available at the location where the merchant actually performed the transaction.

LocalAmenity <LclAmnty> contains the following **LocalAmenity1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1472
	OtherType <OthrTp>	[0..1]	Text		1472
	AvailableIndicator <AvlblInd>	[0..1]	Indicator		1472

47.1.8.17.7.1 Type <Tp>

Presence: [1..1]

Definition: Type of additional service available.

Datatype: "LocationAmenity1Code" on page 2160

CodeName	Name	Definition
AADA	AccessAndDirectionsAvailable	Interstate Access and Exit Number information with directions Available
AFLA	AlternativeFuelLocationsAvailable	Alternative fuel locations available
AVLA	AviationLocationsAvailable	Aviation locations available
CRWA	CarWashAvailable	Car wash available
CVSA	ConvenienceStoreAvailable	Convenience Store Available
DISA	DieselSitesAvailable	Diesel Sites Available
EWAA	EighteenWheelAccessAvailable	18-wheeler access availability
MRLA	MarinaLocationsAvailable	Marina locations available
OTHN	OtherNational	Other amenities defined at the national level.
OTHP	OtherPrivate	Other amenities defined at the private level.
PAPA	PayAtPumpAvailable	Pay-at-pump available
TSHA	TruckStopHotelAvailable	Truck Stop Hotel Available
TSRA	TruckStopRestaurantAvailable	Truck Stop Restaurant Available
TSSA	TruckStopWithShowersAvailable	Truck stop with showers available
TFHA	TwentyFourHourAvailability	24 hour availability
VSWA	VehicleScalesWeight	Vehicle scales and weigh services available
VHPA	VehicleParking	Vehicle parking available
VMRA	VehicleMaintenanceRepairBaysAvailable	Vehicle maintenance/repair bays available

47.1.8.17.7.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other additional service available at the location.

Datatype: "Max35Text" on page 2207

47.1.8.17.7.3 AvailableIndicator <AvlblInd>

Presence: [0..1]

Definition: Indicates whether or not a specific type of amenity is available at this location.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.17.8 TransactionRelatedData <TxRltdData>

Presence: [0..*]

Definition: Contains information related specifically to the transaction.

TransactionRelatedData <TxRltdData> contains the following **PaymentTransaction141** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseType <PurchsTp>	[0..1]	CodeSet		1473
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1473
	DiscountTotal <DscntTtl>	[0..1]			1473
	TotalAmount <TtlAmt>	[0..1]	Amount		1474
	FuelAmount <FuelAmt>	[0..1]	Amount		1474
	NonFuelAmount <NonFuelAmt>	[0..1]	Amount		1474
	TaxTotal <TaxTtl>	[0..*]	±		1474
	TotalAmount <TtlAmt>	[0..1]	Amount		1475

47.1.8.17.8.1 PurchaseType <PurchsTp>

Presence: [0..1]

Definition: List of codes representing type of fleet purchases.

Datatype: "FleetPurchaseType1Code" on page 2148

CodeName	Name	Definition
FUEL	Fuel	Fuel
NONF	NonFuel	Non fuel
FANF	FuelAndNonFuel	Fuel and non fuel

47.1.8.17.8.2 SummaryCommodityIdentification <SummryCmmdtyld>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.17.8.3 DiscountTotal <DscntTtl>

Presence: [0..1]

Definition: Discount applied to the transaction.

DiscountTotal <DscntTtl> contains the following **FleetDiscountTotals1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TotalAmount <TtlAmt>	[0..1]	Amount		1474
	FuelAmount <FuelAmt>	[0..1]	Amount		1474
	NonFuelAmount <NonFuelAmt>	[0..1]	Amount		1474

47.1.8.17.8.3.1 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Total amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.17.8.3.2 FuelAmount <FuelAmt>

Presence: [0..1]

Definition: Fuel amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.17.8.3.3 NonFuelAmount <NonFuelAmt>

Presence: [0..1]

Definition: Non-fuel amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.17.8.4 TaxTotal <TaxTtl>

Presence: [0..*]

Definition: Total taxes related to the products or services.

TaxTotal <TaxTtl> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.17.8.5 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Total amount of the transaction, inclusive of all applicable taxes and fees.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.17.9 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Contains additional fleet summary data.

AdditionalData <AddtlData> contains the following **AdditionalInformation19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EnteredDataNumeric <NtrdDataNmrc>	[0..1]	Text		1475
	EnteredDataAlphaNumeric <NtrdDataAlphaNmrc>	[0..1]	Text		1475
	AdditionalData <AddtlData>	[0..1]	Text		1475

47.1.8.17.9.1 EnteredDataNumeric <NtrdDataNmrc>

Presence: [0..1]

Definition: Key-entered numeric data.

Datatype: "Max35NumericText" on page 2207

47.1.8.17.9.2 EnteredDataAlphaNumeric <NtrdDataAlphaNmrc>

Presence: [0..1]

Definition: Key-entered alphanumeric data.

Datatype: "Max350Text" on page 2206

47.1.8.17.9.3 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional fleet summary data.

Datatype: "Max350Text" on page 2206

47.1.8.18 DeliveryInformation4

Definition: Delivery information

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1476
	Address <Adr>	[0..1]	±		1476
	Contact <Ctct>	[0..1]	±		1476
	Instructions <Instrs>	[0..1]	Text		1477
	Date <Dt>	[0..1]	Date		1477
	Time <Tm>	[0..1]	Time		1477

47.1.8.18.1 DeliveryNoteNumber <DlvryNoteNb>

Presence: [0..1]

Definition: Contains the number identifying an individual delivery note.

Datatype: "Max35Text" on page 2207

47.1.8.18.2 Address <Adr>

Presence: [0..1]

Definition: Delivery address.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.18.3 Contact <Ctct>

Presence: [0..1]

Definition: Contact for delivery.

Contact <Ctct> contains the following elements (see "Contact6" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.8.18.4 Instructions <Instrs>

Presence: [0..1]

Definition: Special instructions.

Datatype: "Max350Text" on page 2206

47.1.8.18.5 Date <Dt>

Presence: [0..1]

Definition: Contains the package delivery date.

Datatype: "ISODate" on page 2196

47.1.8.18.6 Time <Tm>

Presence: [0..1]

Definition: Contains the package delivery time.

Datatype: "ISOTime" on page 2211

47.1.8.19 LoyaltyProgramme3

Definition: Loyalty programme used for partial payment in loyalty value (debit) and computation of loyalty value gained on the monetary value paid by the customer (credit).

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeEligibilityIndicator <PrgrmmElgbltyInd>	[0..*]	Indicator		1478
	ProgrammeIssuer <PrgrmmIssr>	[0..1]	Text		1478
	LoyaltyMember <LtyMmb>	[0..1]	±		1478

47.1.8.19.1 ProgrammeEligibilityIndicator <PrgrmmElgbltyInd>

Presence: [0..*]

Definition: Eligibility for loyalty.

True: Eligible for loyalty

False: Not eligible for loyalty

Default: False.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.19.2 ProgrammIssuer <PrgrmmIssr>

Presence: [0..1]

Definition: Entity issuing the loyalty programme.

Datatype: "Max35Text" on page 2207

47.1.8.19.3 LoyaltyMember <LltyMmb>

Presence: [0..1]

Definition: Details about the member of the loyalty programme

LoyaltyMember <LltyMmb> contains the following elements (see "LoyaltyMember2" on page 1840 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1840
	Address <Adr>	[0..1]	±		1840
	Identification <Id>	[0..1]	Text		1841
	MemberStatus <MmbSts>	[0..1]	Text		1841
	ExpirationDate <XprtnDt>	[0..1]	Date		1841
	LoyaltyValue <LltyVal>	[0..1]	Text		1841
	LoyaltyValueType <LltyValTp>	[0..1]	CodeSet		1841
	OtherLoyaltyValueType <OthrLltyValTp>	[0..1]	Text		1842
	ValueToCredit <ValToCdt>	[0..1]	Text		1842
	ValueToDebit <ValToDbt>	[0..1]	Text		1842
	Balance <Bal>	[0..1]	Text		1842

47.1.8.20 RentalDetails2

Definition: Details of car rental service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RentalIdentification <RntlId>	[0..1]	Text		1480
	RentalDateTime <RntlDtTm>	[0..1]	DateTime		1480
	RentalStart <RntlStart>	[0..1]			1480
	Location <Lctn>	[0..1]	Text		1481
	LocationCode <LctnCd>	[0..1]	Text		1481
	Address <Adr>	[0..1]	±		1482
	Contact <Ctct>	[0..1]			1482
	Name <Nm>	[0..1]	Text		1483
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1483
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1483
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1483
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1483
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1484
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1484
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1484
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1484
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1484
	URLAddress <URLAdr>	[0..1]	Text		1484
	Language <Lang>	[0..1]	CodeSet		1484
	DateAndTime <DtAndTm>	[0..1]	DateTime		1484
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1485
	JourneyInformation <JrnyInf>	[0..1]			1485
	JourneyType <JrnyTp>	[0..1]	CodeSet		1485
	JourneyData <JrnyData>	[0..1]	Text		1485
	DateAndTime <DtAndTm>	[0..1]	DateTime		1486
	RentalReturn <RntlRtr>	[0..1]			1486
	Location <Lctn>	[0..1]	Text		1486
	LocationCode <LctnCd>	[0..1]	Text		1487
	Address <Adr>	[0..1]	±		1487
	Contact <Ctct>	[0..1]			1487
	Name <Nm>	[0..1]	Text		1488

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1488
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1488
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1488
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1488
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1489
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1489
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1489
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1489
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1489
	URLAddress <URLAdr>	[0..1]	Text		1489
	Language <Lang>	[0..1]	CodeSet		1489
	DateAndTime <DtAndTm>	[0..1]	DateTime		1489
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1490
	JourneyInformation <JrnyInf>	[0..1]			1490
	JourneyType <JrnyTp>	[0..1]	CodeSet		1490
	JourneyData <JrnyData>	[0..1]	Text		1490
	DateAndTime <DtAndTm>	[0..1]	DateTime		1491
	RentalTimePeriod <RntlTmPrd>	[0..*]	CodeSet		1491
	TimePeriodUnit <TmPrdUnit>	[0..1]	Text		1491
	TimePeriodRate <TmPrdRate>	[0..1]	Amount		1491
	Currency <Ccy>	[0..1]	CodeSet	C2	1491

47.1.8.20.1 RentalIdentification <RntlId>

Presence: [0..1]

Definition: Identification of the car rental service.

Datatype: "Max70Text" on page 2209

47.1.8.20.2 RentalDateTime <RntlDtTm>

Presence: [0..1]

Definition: Date and time of registration of car rental service as per folio.

Datatype: "ISODateTime" on page 2196

47.1.8.20.3 RentalStart <RntlStart>

Presence: [0..1]

Definition: Details of the vehicle at the start of the rental period.

RentalStart <RntlStart> contains the following **ServiceStartEnd2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1481
	LocationCode <LctnCd>	[0..1]	Text		1481
	Address <Adr>	[0..1]	±		1482
	Contact <Ctct>	[0..1]			1482
	Name <Nm>	[0..1]	Text		1483
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1483
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1483
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1483
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1483
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1484
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1484
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1484
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1484
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1484
	URLAddress <URLAdr>	[0..1]	Text		1484
	Language <Lang>	[0..1]	CodeSet		1484
	DateAndTime <DtAndTm>	[0..1]	DateTime		1484
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1485
	JourneyInformation <JrnyInf>	[0..1]			1485
	JourneyType <JrnyTp>	[0..1]	CodeSet		1485
	JourneyData <JrnyData>	[0..1]	Text		1485
	DateAndTime <DtAndTm>	[0..1]	DateTime		1486

47.1.8.20.3.1 Location <Lctn>

Presence: [0..1]

Definition: Location of service (for example, Paris CDG, Paris Gare du Nord, etc.).

Datatype: "Max35Text" on page 2207

47.1.8.20.3.2 LocationCode <LctnCd>

Presence: [0..1]

Definition: Location code assigned to an airport or to a service location (for example, CDG, YUL, etc.).

Datatype: "Max35Text" on page 2207

47.1.8.20.3.3 Address <Adr>

Presence: [0..1]

Definition: Address of service.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.20.3.4 Contact <Ctct>

Presence: [0..1]

Definition: Contact details at location.

Contact <Ctct> contains the following **Contact2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1483
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1483
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1483
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1483
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1483
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1484
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1484
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1484
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1484
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1484
	URLAddress <URLAdr>	[0..1]	Text		1484
	Language <Lang>	[0..1]	CodeSet		1484

47.1.8.20.3.4.1 Name <Nm>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2209

47.1.8.20.3.4.2 HomePhoneNumber <HomePhneNb>

Presence: [0..1]

Definition: Home phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.3.4.3 BusinessPhoneNumber <BizPhneNb>

Presence: [0..1]

Definition: Business phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.3.4.4 MobilePhoneNumber <MobPhneNb>

Presence: [0..1]

Definition: Mobile phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.3.4.5 OtherPhoneNumber <OthrPhneNb>

Presence: [0..1]

Definition: Other phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.3.4.6 PersonalEmailAddress <PrsnlEmailAdr>

Presence: [0..1]

Definition: Personal email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.20.3.4.7 BusinessEmailAddress <BizEmailAdr>

Presence: [0..1]

Definition: Business email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.20.3.4.8 OtherEmailAddress <OthrEmailAdr>

Presence: [0..1]

Definition: Other email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.20.3.4.9 HomeFaxNumber <HomeFaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a home FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.3.4.10 BusinessFaxNumber <BizFaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a home FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.3.4.11 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.8.20.3.4.12 Language <Lang>

Presence: [0..1]

Definition: Language of the contact.

Datatype: "ISO2ALanguageCode" on page 2155

47.1.8.20.3.5 DateAndTime <DtAndTm>

Presence: [0..1]

Definition: Date and time of service.

Datatype: "ISODateTime" on page 2196

47.1.8.20.3.6 TimeSegment <TmSgmt>*Presence:* [0..1]*Definition:* Period of day pertaining to the service location.*Datatype:* "TimeSegment1Code" on page 2188

CodeName	Name	Definition
AMBN	AM	Ante meridiem or before noon time period.
PMAN	PM	Post meridiem or after noon time period.

47.1.8.20.3.7 JourneyInformation <JrnyInf>*Presence:* [0..1]*Definition:* Journey information related to the vehicle rental.**JourneyInformation <JrnyInf>** contains the following **JourneyInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	JourneyType <JrnyTp>	[0..1]	CodeSet		1485
	JourneyData <JrnyData>	[0..1]	Text		1485
	DateAndTime <DtAndTm>	[0..1]	DateTime		1486

47.1.8.20.3.7.1 JourneyType <JrnyTp>*Presence:* [0..1]*Definition:* Type of journey.*Datatype:* "JourneyType1Code" on page 2158

CodeName	Name	Definition
COAC	CoachNumber	Coach number
EARL	Early	Early arrival or departure
FLGT	FlightNumber	Flight number.
LATE	Late	Late arrival or departure.
ONTM	OnTime	On-time arrival or departure
OTHR	Other	Other type of journey.
TRAN	TrainNumber	Train number.
VESS	VesselNumber	Vessel number

47.1.8.20.3.7.2 JourneyData <JrnyData>*Presence:* [0..1]*Definition:* Data related to the type of journey selected (for example, AF1234 when FlightNumber selected).*Datatype:* "Max35Text" on page 2207

47.1.8.20.3.7.3 DateAndTime <DtAndTm>

Presence: [0..1]

Definition: Date and time related to the journey type selected.

Datatype: "ISODateTime" on page 2196

47.1.8.20.4 RentalReturn <RntlRtr>

Presence: [0..1]

Definition: Details of the vehicle at the end of the rental period.

RentalReturn <RntlRtr> contains the following **ServiceStartEnd2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1486
	LocationCode <LctnCd>	[0..1]	Text		1487
	Address <Adr>	[0..1]	±		1487
	Contact <Ctct>	[0..1]			1487
	Name <Nm>	[0..1]	Text		1488
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1488
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1488
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1488
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1488
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1489
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1489
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1489
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1489
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1489
	URLAddress <URLAdr>	[0..1]	Text		1489
	Language <Lang>	[0..1]	CodeSet		1489
	DateAndTime <DtAndTm>	[0..1]	DateTime		1489
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1490
	JourneyInformation <JrnyInf>	[0..1]			1490
	JourneyType <JrnyTp>	[0..1]	CodeSet		1490
	JourneyData <JrnyData>	[0..1]	Text		1490
	DateAndTime <DtAndTm>	[0..1]	DateTime		1491

47.1.8.20.4.1 Location <Lctn>

Presence: [0..1]

Definition: Location of service (for example, Paris CDG, Paris Gare du Nord, etc.).

Datatype: "Max35Text" on page 2207

47.1.8.20.4.2 LocationCode <LctnCd>

Presence: [0..1]

Definition: Location code assigned to an airport or to a service location (for example, CDG, YUL, etc.).

Datatype: "Max35Text" on page 2207

47.1.8.20.4.3 Address <Adr>

Presence: [0..1]

Definition: Address of service.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.20.4.4 Contact <Ctct>

Presence: [0..1]

Definition: Contact details at location.

Contact <Ctct> contains the following **Contact2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1488
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1488
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1488
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1488
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1488
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1489
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1489
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1489
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1489
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1489
	URLAddress <URLAdr>	[0..1]	Text		1489
	Language <Lang>	[0..1]	CodeSet		1489

47.1.8.20.4.4.1 Name <Nm>

Presence: [0..1]

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

Datatype: "Max70Text" on page 2209

47.1.8.20.4.4.2 HomePhoneNumber <HomePhneNb>

Presence: [0..1]

Definition: Home phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.4.4.3 BusinessPhoneNumber <BizPhneNb>

Presence: [0..1]

Definition: Business phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.4.4.4 MobilePhoneNumber <MobPhneNb>

Presence: [0..1]

Definition: Mobile phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.4.4.5 OtherPhoneNumber <OthrPhneNb>

Presence: [0..1]

Definition: Other phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.4.4.6 PersonalEmailAddress <PrsnlEmailAdr>

Presence: [0..1]

Definition: Personal email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.20.4.4.7 BusinessEmailAddress <BizEmailAdr>

Presence: [0..1]

Definition: Business email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.20.4.4.8 OtherEmailAddress <OthrEmailAdr>

Presence: [0..1]

Definition: Other email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.20.4.4.9 HomeFaxNumber <HomeFaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a home FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.4.4.10 BusinessFaxNumber <BizFaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a home FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.8.20.4.4.11 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.8.20.4.4.12 Language <Lang>

Presence: [0..1]

Definition: Language of the contact.

Datatype: "ISO2ALanguageCode" on page 2155

47.1.8.20.4.5 DateAndTime <DtAndTm>

Presence: [0..1]

Definition: Date and time of service.

Datatype: "ISODateTime" on page 2196

47.1.8.20.4.6 TimeSegment <TmSgmt>

Presence: [0..1]

Definition: Period of day pertaining to the service location.

Datatype: "TimeSegment1Code" on page 2188

CodeName	Name	Definition
AMBN	AM	Ante meridiem or before noon time period.
PMAN	PM	Post meridiem or after noon time period.

47.1.8.20.4.7 JourneyInformation <JrnyInf>

Presence: [0..1]

Definition: Journey information related to the vehicle rental.

JourneyInformation <JrnyInf> contains the following **JourneyInformation1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	JourneyType <JrnyTp>	[0..1]	CodeSet		1490
	JourneyData <JrnyData>	[0..1]	Text		1490
	DateAndTime <DtAndTm>	[0..1]	DateTime		1491

47.1.8.20.4.7.1 JourneyType <JrnyTp>

Presence: [0..1]

Definition: Type of journey.

Datatype: "JourneyType1Code" on page 2158

CodeName	Name	Definition
COAC	CoachNumber	Coach number
EARL	Early	Early arrival or departure
FLGT	FlightNumber	Flight number.
LATE	Late	Late arrival or departure.
ONTM	OnTime	On-time arrival or departure
OTHR	Other	Other type of journey.
TRAN	TrainNumber	Train number.
VESS	VesselNumber	Vessel number

47.1.8.20.4.7.2 JourneyData <JrnyData>

Presence: [0..1]

Definition: Data related to the type of journey selected (for example, AF1234 when FlightNumber selected).

Datatype: "Max35Text" on page 2207

47.1.8.20.4.7.3 DateAndTime <DtAndTm>

Presence: [0..1]

Definition: Date and time related to the journey type selected.

Datatype: "ISODatetime" on page 2196

47.1.8.20.5 RentalTimePeriod <RntlTmPrd>

Presence: [0..*]

Definition: Time period for the whole duration of rental.

Datatype: "PeriodUnit2Code" on page 2175

CodeName	Name	Definition
HOUR	Hours	Period unit expressed in hours.
HFDA	HalfDays	Half days
DAYS	Days	Counted in days.
WEEK	Weeks	Counted in weeks.
MNTH	Months	Counted in months.
YEAR	Years	Counted in years.
MINU	Minutes	Period unit expressed in minutes
OTHR	Other	Counted in some other unit.

47.1.8.20.6 TimePeriodUnit <TmPrdUnit>

Presence: [0..1]

Definition: Time period expressed in a number of units (for example, 1 week, 3 days, etc.).

Datatype: "Max4NumericText" on page 2208

47.1.8.20.7 TimePeriodRate <TmPrdRate>

Presence: [0..1]

Definition: Rate for the time period.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.20.8 Currency <Ccy>

Presence: [0..1]

Definition: Currency code applied for the rental.

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.8.21 VehicleRentalCustomer2

Definition: Customer renting a vehicle.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RenterName <RntrNm>	[1..1]	Text		1492
	CorporateName <CorpNm>	[0..1]	Text		1492
	Corporateldentifier <Corpldr>	[1..1]	Text		1492
	Assigner <Assgnr>	[0..1]	CodeSet		1492
	PrimaryDriver <PmryDrvr>	[0..*]	±		1493
	AdditionalDriver <AddtlDrvr>	[0..*]	±		1494
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1495

47.1.8.21.1 RenterName <RntrNm>

Presence: [1..1]

Definition: Name of the vehicle rental customer.

Datatype: "Max70Text" on page 2209

47.1.8.21.2 CorporateName <CorpNm>

Presence: [0..1]

Definition: Corporate name of the vehicle rental customer.

Datatype: "Max70Text" on page 2209

47.1.8.21.3 Corporateldentifier <Corpldr>

Presence: [1..1]

Definition: Corporate identifier of the vehicle rental customer.

Datatype: "Max35Text" on page 2207

47.1.8.21.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Party assigning an identification to a vehicle rental customer.

Datatype: "CustomerAssigner1Code" on page 2142

CodeName	Name	Definition
AUTH	Authority	Legal authority assigning an identification.

CodeName	Name	Definition
CRCY	Company	Company assigning an identification to a customer.
CUST	Customer	Company for which the customer is on duty.
ONFL	OnFile	On file identification.
OTHR	Other	Other party assigning an identification.
TRAY	TravelAgency	Travel agency assigning an identification.

47.1.8.21.5 PrimaryDriver <PmryDrvr>

Presence: [0..*]

Definition: Vehicle rental driver.

PrimaryDriver <PmryDrvr> contains the following elements (see "DriverInParty2" on page 1496 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1497
	Address <Adr>	[0..1]	±		1497
	Contact <Ctct>	[0..1]	±		1498
	DateOfBirth <DtOfBirth>	[0..1]	Date		1498
	Age <Age>	[0..1]	Text		1499
	DriverCredential <DrvrCrdntl>	[0..*]			1499
	Type <Tp>	[1..1]	CodeSet		1499
	Form <Form>	[0..1]	CodeSet		1500
	Identification <Id>	[1..1]	Text		1500
	Assigner <Assgnr>	[0..1]	Text		1500
	IssuanceDate <IssncDt>	[0..1]	Date		1500
	ExpirationDate <XprtnDt>	[0..1]	Date		1500
	Country <Ctry>	[0..1]	CodeSet		1501
	DrivingLicense <DrvgLic>	[0..1]			1501
	Type <Tp>	[0..1]	Text		1501
	Form <Form>	[0..1]	CodeSet		1501
	Identification <Id>	[1..1]	Text		1502
	Assigner <Assgnr>	[0..1]	CodeSet		1502
	IssuanceDate <IssncDt>	[0..1]	Date		1502
	ExpirationDate <XprtnDt>	[0..1]	Date		1502
	Country <Ctry>	[0..1]	CodeSet		1502
	State <Stat>	[0..1]	Text		1502
	Province <Prvc>	[0..1]	Text		1502
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1503

47.1.8.21.6 AdditionalDriver <AddtlDrvr>

Presence: [0..*]

Definition: Type of identification of the additional vehicle rental customer.

AdditionalDriver <AddtlDrvr> contains the following elements (see "DriverInParty2" on page 1496 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1497
	Address <Adr>	[0..1]	±		1497
	Contact <Ctct>	[0..1]	±		1498
	DateOfBirth <DtOfBirth>	[0..1]	Date		1498
	Age <Age>	[0..1]	Text		1499
	DriverCredential <DrvrCrdntl>	[0..*]			1499
	Type <Tp>	[1..1]	CodeSet		1499
	Form <Form>	[0..1]	CodeSet		1500
	Identification <Id>	[1..1]	Text		1500
	Assigner <Assgnr>	[0..1]	Text		1500
	IssuanceDate <IssncDt>	[0..1]	Date		1500
	ExpirationDate <XprtnDt>	[0..1]	Date		1500
	Country <Ctry>	[0..1]	CodeSet		1501
	DrivingLicense <DrvgLic>	[0..1]			1501
	Type <Tp>	[0..1]	Text		1501
	Form <Form>	[0..1]	CodeSet		1501
	Identification <Id>	[1..1]	Text		1502
	Assigner <Assgnr>	[0..1]	CodeSet		1502
	IssuanceDate <IssncDt>	[0..1]	Date		1502
	ExpirationDate <XprtnDt>	[0..1]	Date		1502
	Country <Ctry>	[0..1]	CodeSet		1502
	State <Stat>	[0..1]	Text		1502
	Province <Prvc>	[0..1]	Text		1502
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1503

47.1.8.21.7 LoyaltyProgramme <LltyPrgrmm>

Presence: [0..1]

Definition: Loyalty programme details.

LoyaltyProgramme <LltyPrgrmm> contains the following elements (see "[LoyaltyProgramme2](#)" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeType <PrgrmmTp>	[0..1]	Text		1680
	ProgramIdentification <Prgmld>	[0..1]	Text		1681
	ParticipantIdentification <Ptcptld>	[0..1]	Text		1681

47.1.8.22 DriverInParty2

Definition: Driver in a car rental party

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1497
	Address <Adr>	[0..1]	±		1497
	Contact <Ctct>	[0..1]	±		1498
	DateOfBirth <DtOfBirth>	[0..1]	Date		1498
	Age <Age>	[0..1]	Text		1499
	DriverCredential <DrvrCrdntl>	[0..*]			1499
	Type <Tp>	[1..1]	CodeSet		1499
	Form <Form>	[0..1]	CodeSet		1500
	Identification <Id>	[1..1]	Text		1500
	Assigner <Assgnr>	[0..1]	Text		1500
	IssuanceDate <IssncDt>	[0..1]	Date		1500
	ExpirationDate <XprtnDt>	[0..1]	Date		1500
	Country <Ctry>	[0..1]	CodeSet		1501
	DrivingLicense <DrvgLic>	[0..1]			1501
	Type <Tp>	[0..1]	Text		1501
	Form <Form>	[0..1]	CodeSet		1501
	Identification <Id>	[1..1]	Text		1502
	Assigner <Assgnr>	[0..1]	CodeSet		1502
	IssuanceDate <IssncDt>	[0..1]	Date		1502
	ExpirationDate <XprtnDt>	[0..1]	Date		1502
	Country <Ctry>	[0..1]	CodeSet		1502
	State <Stat>	[0..1]	Text		1502
	Province <Prvc>	[0..1]	Text		1502
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1503

47.1.8.22.1 Name <Nm>*Presence:* [0..1]*Definition:* Name of vehicle rental driver.*Datatype:* "Max70Text" on page 2209**47.1.8.22.2 Address <Adr>***Presence:* [0..1]*Definition:* Address of driver in party.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.22.3 Contact <Ctct>

Presence: [0..1]

Definition: Contact details of driver in party.

Contact <Ctct> contains the following elements (see "Contact6" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.8.22.4 DateOfBirth <DtOfBirth>

Presence: [0..1]

Definition: Date of birth of vehicle rental driver.

Datatype: "ISODate" on page 2196

47.1.8.22.5 Age <Age>

Presence: [0..1]

Definition: Age of driver.

Datatype: "Max2NumericText" on page 2206

47.1.8.22.6 DriverCredential <DrvrCrdntl>

Presence: [0..*]

Definition: Credential used by the driver for identification.

DriverCredential <DrvrCrdntl> contains the following **TravelDocument2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1499
	Form <Form>	[0..1]	CodeSet		1500
	Identification <Id>	[1..1]	Text		1500
	Assigner <Assgnr>	[0..1]	Text		1500
	IssuanceDate <IssncDt>	[0..1]	Date		1500
	ExpirationDate <XprtnDt>	[0..1]	Date		1500
	Country <Ctry>	[0..1]	CodeSet		1501

47.1.8.22.6.1 Type <Tp>

Presence: [1..1]

Definition: Type of travel document.

Datatype: "OfficialDocumentType1Code" on page 2168

CodeName	Name	Definition
ARNU	AlienRegistration	Number assigned by a government agency to identify foreign nationals.
AUTH	Authorisation	Travel authorisation assigned by a government agency (e.g. ESTA, etc.)
DIPL	Diplomatic	Diplomatic passport or travel document.
DVLC	DrivingLicense	Driving license.
EURO	Europol	Europol-issued travel or related document.
IDEN	IdentityCard	Identity card.
INTE	Internal	Internal travel document.
INPO	Interpol	Interpol-issued travel or related document
LZPR	Laissezpasser	Emergency travel or related document.

CodeName	Name	Definition
OTHN	OtherNational	Other type of official document defined at national level.
OTHP	OtherPrivate	Other type of official document defined at private level.
PASS	Passport	Passport.
VISA	PassportVisa	Visa issued by a government or related authority.
PERM	Permit	Permit.
REFU	Refugee	Travel or related document issued to refugees.

47.1.8.22.6.2 Form <Form>

Presence: [0..1]

Definition: Form of travel document.

Datatype: "PresentationMedium2Code" on page 2178

CodeName	Name	Definition
BIOM	Biometric	Biometric medium.
ELEC	Electronic	Presentation is made electronically.
PAPR	Paper	Presentation is made on paper.
BOTH	PaperElectronic	Presentation is made on paper and/or electronically.

47.1.8.22.6.3 Identification <Id>

Presence: [1..1]

Definition: Identification of travel document (for example, passport number).

Datatype: "Max70Text" on page 2209

47.1.8.22.6.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Party assigning the travel document.

Datatype: "Max70Text" on page 2209

47.1.8.22.6.5 IssuanceDate <IssncDt>

Presence: [0..1]

Definition: Issuance date of travel document.

Datatype: "ISODate" on page 2196

47.1.8.22.6.6 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Expiration date of travel document (if and when relevant).

Datatype: "ISODate" on page 2196

47.1.8.22.6.7 Country <Ctry>

Presence: [0..1]

Definition: Country issuing the travel document.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.8.22.7 DrivingLicense <DrvLic>

Presence: [0..1]

Definition: Driving license details.

DrivingLicense <DrvLic> contains the following **DrivingLicense2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1501
	Form <Form>	[0..1]	CodeSet		1501
	Identification <Id>	[1..1]	Text		1502
	Assigner <Assgnr>	[0..1]	CodeSet		1502
	IssuanceDate <IssncDt>	[0..1]	Date		1502
	ExpirationDate <XprtnDt>	[0..1]	Date		1502
	Country <Ctry>	[0..1]	CodeSet		1502
	State <Stat>	[0..1]	Text		1502
	Province <Prvc>	[0..1]	Text		1502
	OtherAuthority <OthrAuthrty>	[0..1]	Text		1503

47.1.8.22.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of driving license.

Datatype: "Max70Text" on page 2209

47.1.8.22.7.2 Form <Form>

Presence: [0..1]

Definition: Form of driving license.

Datatype: "PresentationMedium2Code" on page 2178

CodeName	Name	Definition
BIOM	Biometric	Biometric medium.
ELEC	Electronic	Presentation is made electronically.
PAPR	Paper	Presentation is made on paper.
BOTH	PaperElectronic	Presentation is made on paper and/or electronically.

47.1.8.22.7.3 Identification <Id>

Presence: [1..1]

Definition: Identification of the driver license (for example, driver license number).

Datatype: "Max70Text" on page 2209

47.1.8.22.7.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Authority assigning an identification to a driver license.

Datatype: "LegalStructure1Code" on page 2159

CodeName	Name	Definition
STAE	State	Legal structure is a state.
PVIN	Province	Legal structure is a province.
MUNI	Municipal	Legal structure is a municipal.
CNTY	County	Legal structure is a county.
NATI	National	Legal structure is a state.

47.1.8.22.7.5 IssuanceDate <IssncDt>

Presence: [0..1]

Definition: Date of issuance of the driving license.

Datatype: "ISODate" on page 2196

47.1.8.22.7.6 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Expiration date of the driving license (if and when relevant).

Datatype: "ISODate" on page 2196

47.1.8.22.7.7 Country <Ctry>

Presence: [0..1]

Definition: Country issuing the driver license.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.8.22.7.8 State <Stat>

Presence: [0..1]

Definition: State issuing the driver license (if and when relevant).

Datatype: "Max16Text" on page 2204

47.1.8.22.7.9 Province <Prvc>

Presence: [0..1]

Definition: Province issuing the driver license (if and when relevant).

Datatype: "Max16Text" on page 2204

47.1.8.22.7.10 OtherAuthority <OthrAuthrty>

Presence: [0..1]

Definition: Other authority issuing a driver license.

Datatype: "Max16Text" on page 2204

47.1.8.23 TravelAgency3

Definition: Travel agency component provides details of travel agency, airline, or railway transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Company <Cpny>	[0..1]	±		1503
	TravelPackage <TrvlPackg>	[0..*]	±		1503
	AdditionalData <AddtlData>	[0..1]	Text		1504

47.1.8.23.1 Company <Cpny>

Presence: [0..1]

Definition: Information describing the travel agency or party providing travel-related services.

Company <Cpny> contains the following elements (see "PartyIdentification261" on page 1826 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Code <Cd>	[0..1]	Text		1827
	Assigner <Assgnr>	[0..1]	Text		1827
	IATACode <IATACd>	[0..1]	Text		1827
	Name <Nm>	[0..1]	Text		1827
	ShortName <ShrtNm>	[0..1]	Text		1827
	Address <Adr>	[0..1]	±		1827
	Contact <Ctct>	[0..1]	±		1828

47.1.8.23.2 TravelPackage <TrvlPackg>

Presence: [0..*]

Definition: Provides detailed information about the travel package, excluding specific itinerary data.

TravelPackage <TrvlPackg> contains the following elements (see "[TravelAgencyPackage1](#)" on page 1674 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReservationNumber <RsvatnNb>	[0..1]	Text		1674
	TravelPackageType <TrvlPackgTp>	[0..1]	Text		1674
	NumberInParty <NbInPty>	[0..1]	Text		1675
	CustomerReference <CstmrRef>	[0..*]			1675
	Identification <Id>	[0..1]	Text		1675
	Detail <Dtl>	[0..1]	Text		1675
	DataSource <DataSrc>	[0..1]	Text		1675
	DeliveryOrderNumber <DlvryOrdrNb>	[0..1]	Text		1675
	CreditCardSlipNumber <CdtCardSlipNb>	[0..1]	Text		1675
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1676
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1676
	Fee <Fee>	[0..1]	Amount		1676

47.1.8.23.3 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Provides additional travel details.

Datatype: "[Max350Text](#)" on page 2206

47.1.8.24 TemporaryServices2

Definition: Information regarding the billing for services rendered on a temporary or contract basis. The component provides information such as the employee job performed, timekeeping, and billing rates.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContractingCompany <CtrctgCpny>	[0..1]	±		1505
	TemporaryEmployee <TempMplyee>	[0..1]	±		1505
	Job <Job>	[0..1]	±		1506
	FlatRateIndicator <FlatRateInd>	[0..1]	Indicator		1506
	DiscountAmount <DscntAmt>	[0..1]	Amount		1506
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1506
	Labor <Labr>	[0..1]			1507
	TimeSheetNumber <TmSheetNb>	[0..1]	Text		1507
	WeekEnding <WkEndg>	[0..1]	Text		1507
	Charge <Chrg>	[0..*]			1507
	Type <Tp>	[0..1]	CodeSet		1507
	OtherType <OthrTp>	[0..1]	Text		1508
	Rate <Rate>	[0..1]	Amount		1508
	Hours <Hrs>	[0..1]	Text		1508
	MiscellaneousExpenses <MiscExpnss>	[0..*]	±		1508
	SubtotalAmount <SbttlAmt>	[0..1]	Amount		1509
	Tax <Tax>	[0..*]	±		1509
	AdditionalData <AddtlData>	[0..1]	Text		1509

47.1.8.24.1 ContractingCompany <CtrctgCpny>

Presence: [0..1]

Definition: Contains the details of the contracting company that has requested temporary services.

ContractingCompany <CtrctgCpny> contains the following elements (see ["TemporaryServicesCompany2"](#) on page 1509 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1509
	Department <Dept>	[0..1]	Text		1510
	Identification <Id>	[0..1]	±		1510
	Supervisor <Sprvsr>	[0..1]	Text		1510

47.1.8.24.2 TemporaryEmployee <TempMplyee>

Presence: [0..1]

Definition: Contains information about the individual working in a temporary capacity.

TemporaryEmployee <TempMplyee> contains the following elements (see "[PartyIdentification210](#)" on page 1835 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PersonalIdentification <PrsnlId>	[0..1]	Text		1835
	EmployeeIdentification <Mplyeeld>	[0..1]	Text		1836
	Name <Nm>	[0..1]	Text		1836
	ProfessionalLevel <PrfssnlLvl>	[0..1]	Text		1836

47.1.8.24.3 Job <Job>

Presence: [0..1]

Definition: Contains the details of the job or task of the individual working in a temporary capacity.

Job <Job> contains the following elements (see "[TemporaryServicesJob1](#)" on page 1676 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	JobCode <JobCd>	[0..1]	Text		1676
	Description <Desc>	[0..1]	Text		1676
	StartDate <StartDt>	[0..1]	Date		1677
	Duration <Drtn>	[0..1]	Text		1677
	EndDate <EndDt>	[0..1]	Date		1677

47.1.8.24.4 FlatRateIndicator <FlatRateInd>

Presence: [0..1]

Definition: Indicates whether or not the fee for the individual working in a temporary capacity is a flat rate.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.8.24.5 DiscountAmount <DscntAmt>

Presence: [0..1]

Definition: Contains the discount amount.

Datatype: "[ImpliedCurrencyAndAmount](#)" on page 2110

47.1.8.24.6 SummaryCommodityIdentification <SummryCmmdtyId>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.24.7 Labor <Labr>

Presence: [0..1]

Definition: Contains the details of the labour performed and associated duration and billing rate.

Labor <Labr> contains the following **TemporaryServicesLabor1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TimeSheetNumber <TmSheetNb>	[0..1]	Text		1507
	WeekEnding <WkEndg>	[0..1]	Text		1507
	Charge <Chrg>	[0..*]			1507
	Type <Tp>	[0..1]	CodeSet		1507
	OtherType <OthrTp>	[0..1]	Text		1508
	Rate <Rate>	[0..1]	Amount		1508
	Hours <Hrs>	[0..1]	Text		1508

47.1.8.24.7.1 TimeSheetNumber <TmSheetNb>

Presence: [0..1]

Definition: Contains the time sheet identification number.

Datatype: "Max35Text" on page 2207

47.1.8.24.7.2 WeekEnding <WkEndg>

Presence: [0..1]

Definition: Contains the date of the end of the billing cycle.

Datatype: "Max10NumericText" on page 2202

47.1.8.24.7.3 Charge <Chrg>

Presence: [0..*]

Definition: Contains details of the amount charged.

Charge <Chrg> contains the following **Amount12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1507
	OtherType <OthrTp>	[0..1]	Text		1508
	Rate <Rate>	[0..1]	Amount		1508
	Hours <Hrs>	[0..1]	Text		1508

47.1.8.24.7.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of hours worked.

Datatype: "TemporaryServicesCharge1Code" on page 2187

CodeName	Name	Definition
WKND	Weekend	Weekend
REGL	Regular	Regular
OVRT	Overtime	Overtime
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
ONCL	OnCall	On call
NITE	Night	Night
HOLI	Holiday	Holiday
HAZD	Hazard	Hazard

47.1.8.24.7.3.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of hours worked.

Datatype: "Max35Text" on page 2207

47.1.8.24.7.3.3 Rate <Rate>

Presence: [0..1]

Definition: Contains the rate per hour.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.24.7.3.4 Hours <Hrs>

Presence: [0..1]

Definition: Contains the number of hours worked.

Datatype: "Max6NumericText" on page 2209

47.1.8.24.8 MiscellaneousExpenses <MiscExpnss>

Presence: [0..*]

Definition: Contains miscellaneous expense details.

MiscellaneousExpenses <MiscExpnss> contains the following elements (see "Amount13" on page 1347 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1347
	Description <Desc>	[0..1]	Text		1347
	Amount <Amt>	[1..1]	Amount		1347

47.1.8.24.9 SubtotalAmount <SbttlAmt>

Presence: [0..1]

Definition: Subtotal amount exclusive of tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.24.10 Tax <Tax>

Presence: [0..*]

Definition: Contains the amount of taxes assessed for temporary services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.24.11 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the temporary services.

Datatype: "Max350Text" on page 2206

47.1.8.25 TemporaryServicesCompany2

Definition: Contains company related information for Temporary Services.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1509
	Department <Dept>	[0..1]	Text		1510
	Identification <Id>	[0..1]	±		1510
	Supervisor <Sprvsr>	[0..1]	Text		1510

47.1.8.25.1 Name <Nm>

Presence: [0..1]

Definition: Contains the name of the individual at the contracting company that has requested temporary services.

Datatype: "Max70Text" on page 2209

47.1.8.25.2 Department <Dept>

Presence: [0..1]

Definition: Contains the name of the department at the contracting company in which the temporary staff will be working.

Datatype: "Max70Text" on page 2209

47.1.8.25.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the temporary services company.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.8.25.4 Supervisor <Sprvsr>

Presence: [0..1]

Definition: Contains the name of the individual at the contracting company that is supervising the temporary staff.

Datatype: "Max70Text" on page 2209

47.1.8.26 Lodging3

Definition: Lodging provides summary information about lodging accommodations and related expenses for the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1511
	Lineltm <Lineltm>	[0..*]	±		1511

47.1.8.26.1 Summary <Summry>

Presence: [0..1]

Definition: Component provides summary information about lodging accommodations and related expenses for the cardholder. One occurrence of this component provides lodging accommodation reporting for a single lodging folio, such as a single stay at a lodging facility with one check-in and one check-out.

Summary <Summry> contains the following elements (see "[LodgingSummary2](#)" on page 1512 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FolioNumber <FolioNb>	[0..1]	Text		1513
	Property <Prprty>	[0..1]	±		1513
	Customer <Cstmr>	[0..1]	±		1514
	NumberOfRooms <NbOfRooms>	[0..1]	Text		1515
	Room <Room>	[0..*]	±		1515
	Duration <Drtn>	[0..1]	Text		1515
	Arrival <Arrvl>	[0..1]	±		1516
	Departure <Dprturt>	[0..1]	±		1516
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1516
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1516
	InsuranceAmount <Insrnclnd>	[0..1]	Amount		1517
	TotalTax <TtlTax>	[0..*]	±		1517
	TotalAmount <TtlAmt>	[0..1]	Amount		1517
	AuthorisedAmount <AuthrsdAmt>	[0..*]	±		1517
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1518
	LoyaltyProgramme <LltyPrgrmm>	[0..*]	±		1518
	AdditionalData <AddtlData>	[0..1]	Text		1518

47.1.8.26.2 Lineltm <Lineltm>

Presence: [0..*]

Definition: Component provides detailed information about lodging accommodations and related expenses for the cardholder. Acquirers can submit multiple occurrences of this component for each lodging transaction, to provide details of one or more folios.

LinItem <LinItem> contains the following elements (see "LodgingLinItem2" on page 1414 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1415
	Time <Tm>	[0..1]	Time		1415
	Type <Tp>	[0..1]	CodeSet		1415
	OtherType <OthrTp>	[0..1]	Text		1416
	PostCheckOutIndicator <PstChckOutInd>	[0..1]	Indicator		1416
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1416
	UnitAmount <UnitAmt>	[0..1]	Amount		1417
	Duration <Drtn>	[0..1]	Text		1417
	SubTotalAmount <SubTtlAmt>	[0..1]	Amount		1417
	Tax <Tax>	[0..*]	±		1417
	AdditionalData <AddtlData>	[0..1]	Text		1417

47.1.8.27 LodgingSummary2

Definition: Data pertaining to a lodging transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FolioNumber <FolioNb>	[0..1]	Text		1513
	Property <Prprty>	[0..1]	±		1513
	Customer <Cstmr>	[0..1]	±		1514
	NumberOfRooms <NbOfRooms>	[0..1]	Text		1515
	Room <Room>	[0..*]	±		1515
	Duration <Drtn>	[0..1]	Text		1515
	Arrival <Arrvl>	[0..1]	±		1516
	Departure <Dprturt>	[0..1]	±		1516
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1516
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1516
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1517
	TotalTax <TtlTax>	[0..*]	±		1517
	TotalAmount <TtlAmt>	[0..1]	Amount		1517
	AuthorisedAmount <AuthrsdAmt>	[0..*]	±		1517
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1518
	LoyaltyProgramme <LltyPrgrmm>	[0..*]	±		1518
	AdditionalData <AddtlData>	[0..1]	Text		1518

47.1.8.27.1 FolioNumber <FolioNb>

Presence: [0..1]

Definition: Contains the lodging company's invoice or billing ID reference number, referred to as a folio number.

Datatype: "Max35Text" on page 2207

47.1.8.27.2 Property <Prprty>

Presence: [0..1]

Definition: Details of the lodging property.

Property <Prpty> contains the following elements (see "LodgingProperty2" on page 1518 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1519
	OtherType <OthrTp>	[0..1]	Text		1520
	PrestigiousProperty <PrstgsPrpty>	[0..1]	Text		1520
	Name <Nm>	[0..1]	Text		1520
	Identification <Id>	[1..1]	±		1520
	Location <Lctn>	[0..1]			1521
	LocationCode <LctnCd>	[0..1]	Text		1521
	LocationName <LctnNm>	[0..1]	Text		1522
	Description <Desc>	[0..1]	Text		1522
	Address <Adr>	[0..1]	±		1522
	LocalTimeZone <LclTmZone>	[0..1]	Text		1522
	LocalCurrency <LclCcy>	[0..1]	CodeSet	C2	1522
	Assigner <Assgnr>	[0..1]	CodeSet		1523
	Contact <Ctct>	[0..1]			1523
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1524
	PropertyPhoneNumber <PrptyPhneNb>	[0..1]	Text		1524
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1524
	Email <Email>	[0..1]	Text		1524
	FaxNumber <FaxNb>	[0..1]	Text		1524
	URLAddress <URLAdr>	[0..1]	Text		1524
	Language <Lang>	[0..1]	CodeSet	C2	1524
	Country <Ctry>	[0..1]	CodeSet		1524
	FireSafetyActIndicator <FireSftyActInd>	[0..1]	Indicator		1525

47.1.8.27.3 Customer <Cstmr>

Presence: [0..1]

Definition: Contains customer details.

Customer <Cstmr> contains the following elements (see "[Customer8](#)" on page 1842 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1843
	Identification <Id>	[1..1]			1843
	Type <Tp>	[1..1]	Text		1843
	OtherType <OthrTp>	[0..1]	Text		1843
	Identification <Id>	[1..1]	Text		1844
	Assigner <Assgnr>	[0..1]	Text		1844
	CustomerFileReferenceNumber <CstmrFileRefNb>	[0..1]	Text		1844
	Age <Age>	[0..1]	Text		1844
	Address <Adr>	[0..1]	±		1844
	Contact <Ctct>	[0..1]	±		1845

47.1.8.27.4 NumberOfRooms <NbOfRooms>

Presence: [0..1]

Definition: Number of rooms within the reservation.

Datatype: "[Max4NumericText](#)" on page 2208

47.1.8.27.5 Room <Room>

Presence: [0..*]

Definition: Contains the room details.

Room <Room> contains the following elements (see "[LodgingRoom1](#)" on page 1681 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RoomType <RoomTp>	[0..1]	Text		1681
	RoomLocation <RoomLctn>	[0..1]	Text		1681
	BedType <BedTp>	[0..1]	Text		1681
	GuestsPerRoom <GstsPerRoom>	[0..1]	Text		1682
	AdultsInRoom <AdltsInRoom>	[0..1]	Text		1682
	ChildrenInRoom <ChldrnInRoom>	[0..1]	Text		1682
	DailyRoomRate <DalyRoomRate>	[0..1]	Amount		1682

47.1.8.27.6 Duration <Drtn>

Presence: [0..1]

Definition: Duration of stay in days.

Datatype: "[Max4NumericText](#)" on page 2208

47.1.8.27.7 Arrival <Arrvl>*Presence:* [0..1]*Definition:* Lodging transaction details.**Arrival <Arrvl>** contains the following elements (see "[DepartureOrArrival2](#)" on page 1683 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CarrierCode <CrrierCd>	[0..1]	Text		1683
	RouteNumber <RouteNb>	[0..1]	Text		1684
	Date <Dt>	[0..1]	Date		1684
	Time <Tm>	[0..1]	Time		1684

47.1.8.27.8 Departure <Dprture>*Presence:* [0..1]*Definition:* Contains departure details.**Departure <Dprture>** contains the following elements (see "[DepartureOrArrival1](#)" on page 1401 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1401
	Description <Desc>	[0..1]	Text		1402
	Date <Dt>	[0..1]	Date		1402
	Time <Tm>	[0..1]	Time		1402

47.1.8.27.9 NoShowIndicator <NoShowInd>*Presence:* [0..1]*Definition:* Indicates that the cardholder failed to arrive at the property and was therefore charged a no-show fee; property was not actually rented.*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.8.27.10 InsuranceIndicator <Insrnclnd>*Presence:* [0..1]*Definition:* Indicates whether or not insurance was purchased.*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.8.27.11 InsuranceAmount <InsrncAmt>

Presence: [0..1]

Definition: Amount of insurance.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.27.12 TotalTax <TtlTax>

Presence: [0..*]

Definition: Taxes related to the products or services.

TotalTax <TtlTax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.27.13 TotalAmount <TtlAmt>

Presence: [0..1]

Definition: Contains the total amount of lodging expenses.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.27.14 AuthorisedAmount <AuthrsdAmt>

Presence: [0..*]

Definition: Contains Authorised amount details.

AuthorisedAmount <AuthrsdAmt> contains the following elements (see "AuthorisedAmount1" on page 1368 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DateTime <DtTm>	[0..1]	DateTime		1368
	Amount <Amt>	[1..1]	Amount		1369
	AdditionalData <AddtlData>	[0..1]	Text		1369

47.1.8.27.15 SummaryCommodityIdentification <SummryCmmdtyld>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.27.16 LoyaltyProgramme <LltyPrgrmm>

Presence: [0..*]

Definition: Loyalty programme details.

LoyaltyProgramme <LltyPrgrmm> contains the following elements (see "[LoyaltyProgramme2](#)" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeType <PrgrmmTp>	[0..1]	Text		1680
	ProgramIdentification <Prgmld>	[0..1]	Text		1681
	ParticipantIdentification <Ptcptld>	[0..1]	Text		1681

47.1.8.27.17 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the lodging.

Datatype: "Max350Text" on page 2206

47.1.8.28 LodgingProperty2

Definition: Company in charge of a lodging establishment

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1519
	OtherType <OthrTp>	[0..1]	Text		1520
	PrestigiousProperty <PrstgsPrprty>	[0..1]	Text		1520
	Name <Nm>	[0..1]	Text		1520
	Identification <Id>	[1..1]	±		1520
	Location <Lctn>	[0..1]			1521
	LocationCode <LctnCd>	[0..1]	Text		1521
	LocationName <LctnNm>	[0..1]	Text		1522
	Description <Desc>	[0..1]	Text		1522
	Address <Adr>	[0..1]	±		1522
	LocalTimeZone <LclTmZone>	[0..1]	Text		1522
	LocalCurrency <LclCcy>	[0..1]	CodeSet	C2	1522
	Assigner <Assgnr>	[0..1]	CodeSet		1523
	Contact <Ctct>	[0..1]			1523
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1524
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1524
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1524
	Email <Email>	[0..1]	Text		1524
	FaxNumber <FaxNb>	[0..1]	Text		1524
	URLAddress <URLAdr>	[0..1]	Text		1524
	Language <Lang>	[0..1]	CodeSet	C2	1524
	Country <Ctry>	[0..1]	CodeSet		1524
	FireSafetyActIndicator <FireSftyActInd>	[0..1]	Indicator		1525

47.1.8.28.1 Type <Tp>

Presence: [0..1]

Definition: Type of accommodations.

Datatype: "LodgingActivity1Code" on page 2161

CodeName	Name	Definition
APTM	Apartment	Apartment residence.
BEBR	BedAndBreakfast	Bed and breakfast or related lodging.
COTT	Cottage	Cottage and related lodging.
CRUI	Cruise	Cruise line lodging.

CodeName	Name	Definition
HOME	Home	An individual offering lodging facilities.
HOST	Hostel	Hostel or related lodging.
HOTL	Hotel	Hotel or related lodging.
LODG	Lodge	Lodge or related lodging.
MOTL	Motel	Motel or related lodging.
OTHN	OtherNational	Other type of lodging defined at national level.
OTHP	OtherPrivate	Other type of lodging defined at private level.
RESO	Resort	Resort or related lodging.
ROAB	RoomAndBoard	Room and board or related lodging.
TOSH	TouristShelter	Tourist shelter and related lodging.

47.1.8.28.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of lodging establishment when Other National or Other Private is selected as a type code.

Datatype: "Max35Text" on page 2207

47.1.8.28.3 PrestigiousProperty <PrstgsPrprty>

Presence: [0..1]

Definition: Identifier that describes the lodging establishment as a prestigious property.

Datatype: "Max35Text" on page 2207

47.1.8.28.4 Name <Nm>

Presence: [0..1]

Definition: Name of the property.

Datatype: "Max35Text" on page 2207

47.1.8.28.5 Identification <Id>

Presence: [1..1]

Definition: Identification of the lodging company.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.8.28.6 Location <Lctn>

Presence: [0..1]

Definition: Address of the property.

Location <Lctn> contains the following **Location4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocationCode <LctnCd>	[0..1]	Text		1521
	LocationName <LctnNm>	[0..1]	Text		1522
	Description <Desc>	[0..1]	Text		1522
	Address <Adr>	[0..1]	±		1522
	LocalTimeZone <LclTmZone>	[0..1]	Text		1522
	LocalCurrency <LclCcy>	[0..1]	CodeSet	C2	1522

47.1.8.28.6.1 LocationCode <LctnCd>

Presence: [0..1]

Definition: Contains the location code.

Datatype: "Max35Text" on page 2207

47.1.8.28.6.2 LocationName <LctnNm>

Presence: [0..1]

Definition: Name (label) of the location.

Datatype: "Max35Text" on page 2207

47.1.8.28.6.3 Description <Desc>

Presence: [0..1]

Definition: Specific explanation of the location or directions.

Datatype: "Max256Text" on page 2206

47.1.8.28.6.4 Address <Adr>

Presence: [0..1]

Definition: Contains the address details.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.28.6.5 LocalTimeZone <LclTmZone>

Presence: [0..1]

Definition: Local time zone.

Datatype: "Max70Text" on page 2209

47.1.8.28.6.6 LocalCurrency <LclCcy>

Presence: [0..1]

Definition: Local currency.

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.8.28.7 Assigner <Assgnr>

Presence: [0..1]

Definition: Party in charge of assigning the identification.

Datatype: "CompanyAssigner2Code" on page 2140

CodeName	Name	Definition
ASSO	Association	Any relevant association in charge of assigning an identification to a company.
AUTH	Authority	Legal authority assigning an identification to a company (for example, a local, regional or national authority).
CPNY	Company	Identification assigned by the company itself.
LEII	LEI	Legal Entity Identifier.
TRAG	TravelAgency	Identification assigned by a travel agency.
OTHP	OtherPrivate	Other company assigner entity defined at private level.
OTHN	OtherNational	Other company assigner entity defined at national level.

47.1.8.28.8 Contact <Ctct>

Presence: [0..1]

Definition: Contact details at property.

Contact <Ctct> contains the following **Contact3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1524
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1524
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1524
	Email <Email>	[0..1]	Text		1524
	FaxNumber <FaxNb>	[0..1]	Text		1524
	URLAddress <URLAdr>	[0..1]	Text		1524
	Language <Lang>	[0..1]	CodeSet	C2	1524

47.1.8.28.8.1 CentralPhoneNumber <CntrlPhneNb>

Presence: [0..1]

Definition: Central phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.28.8.2 PropertyPhoneNumber <PrprtyPhneNb>

Presence: [0..1]

Definition: Property phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.28.8.3 TollFreePhoneNumber <TollFreePhneNb>

Presence: [0..1]

Definition: Toll-free phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.28.8.4 Email <Email>

Presence: [0..1]

Definition: Email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.28.8.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Fax phone number.

Datatype: "PhoneNumber" on page 2211

47.1.8.28.8.6 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.8.28.8.7 Language <Lang>

Presence: [0..1]

Definition: Language of the contact.

Impacted by: C2 "ValidationByTable"

Datatype: "LanguageCode" on page 2159

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

47.1.8.28.9 Country <Ctry>

Presence: [0..1]

Definition: Country of the property.

ISO 3166

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.8.28.10 FireSafetyActIndicator <FireSftyActInd>

Presence: [0..1]

Definition: Indicates whether or not the lodging facility complies with the US Hotel and Motel Fire Safety Act of 1990 (PL101-391) or similar legislation.

True = in compliance

False = not in compliance

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.29 Invoice2

Definition: Invoice data pertaining to the payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1525
	LinItem <LinItem>	[0..*]	±		1527

47.1.8.29.1 Summary <Summry>

Presence: [0..1]

Definition: Invoice summary information.

Summary <Summry> contains the following elements (see "InvoiceSummary2" on page 1528 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceNumber <InvNb>	[0..1]	Text		1530
	Seller <Sellr>	[0..1]			1530
	Name <Nm>	[0..1]	Text		1530
	Identification <Id>	[0..1]	±		1531
	Address <Adr>	[0..1]	±		1531
	Contact <Ctct>	[0..1]			1532
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1532
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1532
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1533
	Email <Email>	[0..1]	Text		1533
	FaxNumber <FaxNb>	[0..1]	Text		1533
	URLAddress <URLAdr>	[0..1]	Text		1533
	Language <Lang>	[0..1]	CodeSet	C2	1533
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1533
	AdditionalInformation <AddtlInf>	[0..1]	Text		1533
	Buyer <Buyr>	[0..1]			1534
	Name <Nm>	[0..1]	Text		1534
	Identification <Id>	[0..1]	±		1534
	Address <Adr>	[0..1]	±		1535
	Contact <Ctct>	[0..1]			1536
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1536
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1536
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1537
	Email <Email>	[0..1]	Text		1537
	FaxNumber <FaxNb>	[0..1]	Text		1537
	URLAddress <URLAdr>	[0..1]	Text		1537
	Language <Lang>	[0..1]	CodeSet	C2	1537
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1537
	AdditionalInformation <AddtlInf>	[0..1]	Text		1537
	InvoiceDate <InvDt>	[0..1]	Date		1538

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceCreationDateTime <InvcCreDtTm>	[0..1]	DateTime		1538
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1538
	FreightAmount <FrghtAmt>	[0..1]	Amount		1538
	TaxTotal <TaxTtl>	[0..*]	±		1538
	TaxReclaimMethod <TaxRclmMtd>	[0..1]	CodeSet		1538
	AdditionalData <AddtlData>	[0..1]	Text		1539

47.1.8.29.2 LinelItem <LinelItem>

Presence: [0..*]

Definition: Line item information.

LineItem <LineItem> contains the following elements (see "InvoiceLineItem2" on page 1418 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1418
	OrderDate <OrderDt>	[0..1]	Date		1419
	ContractNumber <ContractNb>	[0..1]	Text		1419
	ShippingDate <ShippingDt>	[0..1]	Date		1419
	RebillingIndicator <RebillInd>	[0..1]	Indicator		1419
	MedicalServicesIndicator <MedlSvcsInd>	[0..1]	Indicator		1419
	ShipToIndustryCode <ShipToIndustryCd>	[0..1]	Text		1419
	ProductCode <PdctCd>	[0..1]	Text		1419
	ProductQualifier <PdctQlfr>	[0..1]	Text		1420
	Description <Desc>	[0..1]	Text		1420
	TypeOfSupply <TpOfSupply>	[0..1]	Text		1420
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1420
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1422
	UnitPrice <UnitPric>	[0..1]	Amount		1422
	ProductQuantity <PdctQty>	[0..1]	Quantity		1422
	Adjustment <Adjstmnt>	[0..1]			1422
	Amount <Amt>	[1..1]	Amount		1422
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1422
	Reason <Rsn>	[0..1]	Text		1423
	InsuranceIndicator <InsrnclInd>	[0..1]	Indicator		1423
	InsuranceAmount <InsrmcAmt>	[0..1]	Amount		1423
	Tax <Tax>	[0..*]	±		1423
	UniqueVATInvoiceReference <UnqVATInvRef>	[0..1]	Text		1423
	TotalAmount <TtlAmt>	[0..1]	Amount		1424
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1424
	ZeroCostToCustomerIndicator <ZeroCostToCstmrlInd>	[0..1]	Indicator		1424
	AdditionalData <AddtlData>	[0..1]	Text		1424

47.1.8.30 InvoiceSummary2

Definition: Summary information about the sale

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceNumber <InvNb>	[0..1]	Text		1530
	Seller <Sellr>	[0..1]			1530
	Name <Nm>	[0..1]	Text		1530
	Identification <Id>	[0..1]	±		1531
	Address <Adr>	[0..1]	±		1531
	Contact <Ctct>	[0..1]			1532
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1532
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1532
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1533
	Email <Email>	[0..1]	Text		1533
	FaxNumber <FaxNb>	[0..1]	Text		1533
	URLAddress <URLAdr>	[0..1]	Text		1533
	Language <Lang>	[0..1]	CodeSet	C2	1533
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1533
	AdditionalInformation <AddtlInf>	[0..1]	Text		1533
	Buyer <Buyr>	[0..1]			1534
	Name <Nm>	[0..1]	Text		1534
	Identification <Id>	[0..1]	±		1534
	Address <Adr>	[0..1]	±		1535
	Contact <Ctct>	[0..1]			1536
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1536
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1536
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1537
	Email <Email>	[0..1]	Text		1537
	FaxNumber <FaxNb>	[0..1]	Text		1537
	URLAddress <URLAdr>	[0..1]	Text		1537
	Language <Lang>	[0..1]	CodeSet	C2	1537
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1537
	AdditionalInformation <AddtlInf>	[0..1]	Text		1537
	InvoiceDate <InvDt>	[0..1]	Date		1538
	InvoiceCreationDateTime <InvCreDtTm>	[0..1]	DateTime		1538

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1538
	FreightAmount <FrghAmt>	[0..1]	Amount		1538
	TaxTotal <TaxTtl>	[0..*]	±		1538
	TaxReclaimMethod <TaxRclmMtd>	[0..1]	CodeSet		1538
	AdditionalData <AddtlData>	[0..1]	Text		1539

47.1.8.30.1 InvoiceNumber <InvcNb>

Presence: [0..1]

Definition: Contains the invoice number.

Datatype: "Max70Text" on page 2209

47.1.8.30.2 Seller <Sellr>

Presence: [0..1]

Definition: Supplier or the provider of the goods or services.

Seller <Sellr> contains the following **PartyIdentification259** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1530
	Identification <Id>	[0..1]	±		1531
	Address <Adr>	[0..1]	±		1531
	Contact <Ctct>	[0..1]			1532
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1532
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1532
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1533
	Email <Email>	[0..1]	Text		1533
	FaxNumber <FaxNb>	[0..1]	Text		1533
	URLAddress <URLAdr>	[0..1]	Text		1533
	Language <Lang>	[0..1]	CodeSet	C2	1533
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1533
	AdditionalInformation <AddtlInf>	[0..1]	Text		1533

47.1.8.30.2.1 Name <Nm>

Presence: [0..1]

Definition: Name of the customer.

Datatype: "Max70Text" on page 2209

47.1.8.30.2.2 Identification <Id>

Presence: [0..1]

Definition: Identification of the customer.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.8.30.2.3 Address <Adr>

Presence: [0..1]

Definition: Address of the customer.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.30.2.4 Contact <Ctct>

Presence: [0..1]

Definition: Contact information related to the customer.

Contact <Ctct> contains the following **Contact3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1532
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1532
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1533
	Email <Email>	[0..1]	Text		1533
	FaxNumber <FaxNb>	[0..1]	Text		1533
	URLAddress <URLAdr>	[0..1]	Text		1533
	Language <Lang>	[0..1]	CodeSet	C2	1533

47.1.8.30.2.4.1 CentralPhoneNumber <CntrlPhneNb>

Presence: [0..1]

Definition: Central phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.2.4.2 PropertyPhoneNumber <PrprtyPhneNb>

Presence: [0..1]

Definition: Property phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.2.4.3 TollFreePhoneNumber <TollFreePhneNb>

Presence: [0..1]

Definition: Toll-free phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.2.4.4 Email <Email>

Presence: [0..1]

Definition: Email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.30.2.4.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Fax phone number.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.2.4.6 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.8.30.2.4.7 Language <Lang>

Presence: [0..1]

Definition: Language of the contact.

Impacted by: C2 "ValidationByTable"

Datatype: "LanguageCode" on page 2159

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

47.1.8.30.2.5 TaxRegistrationIdentification <TaxRegnId>

Presence: [0..1]

Definition: Identification of the customer recognized by the taxation authority.

Datatype: "Max70Text" on page 2209

47.1.8.30.2.6 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the seller.

Datatype: "Max1000Text" on page 2201

47.1.8.30.3 Buyer <Buyr>

Presence: [0..1]

Definition: Buyer or company buying the goods or services.

Buyer <Buyr> contains the following **PartyIdentification259** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1534
	Identification <Id>	[0..1]	±		1534
	Address <Adr>	[0..1]	±		1535
	Contact <Ctct>	[0..1]			1536
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1536
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1536
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1537
	Email <Email>	[0..1]	Text		1537
	FaxNumber <FaxNb>	[0..1]	Text		1537
	URLAddress <URLAdr>	[0..1]	Text		1537
	Language <Lang>	[0..1]	CodeSet	C2	1537
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1537
	AdditionalInformation <AddtlInf>	[0..1]	Text		1537

47.1.8.30.3.1 Name <Nm>

Presence: [0..1]

Definition: Name of the customer.

Datatype: "Max70Text" on page 2209

47.1.8.30.3.2 Identification <Id>

Presence: [0..1]

Definition: Identification of the customer.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.8.30.3.3 Address <Adr>

Presence: [0..1]

Definition: Address of the customer.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.30.3.4 Contact <Ctct>

Presence: [0..1]

Definition: Contact information related to the customer.

Contact <Ctct> contains the following **Contact3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1536
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1536
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1537
	Email <Email>	[0..1]	Text		1537
	FaxNumber <FaxNb>	[0..1]	Text		1537
	URLAddress <URLAdr>	[0..1]	Text		1537
	Language <Lang>	[0..1]	CodeSet	C2	1537

47.1.8.30.3.4.1 CentralPhoneNumber <CntrlPhneNb>

Presence: [0..1]

Definition: Central phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.3.4.2 PropertyPhoneNumber <PrprtyPhneNb>

Presence: [0..1]

Definition: Property phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.3.4.3 TollFreePhoneNumber <TollFreePhneNb>

Presence: [0..1]

Definition: Toll-free phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.3.4.4 Email <Email>

Presence: [0..1]

Definition: Email address of contact.

Datatype: "Max256Text" on page 2206

47.1.8.30.3.4.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Fax phone number.

Datatype: "PhoneNumber" on page 2211

47.1.8.30.3.4.6 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.8.30.3.4.7 Language <Lang>

Presence: [0..1]

Definition: Language of the contact.

Impacted by: C2 "ValidationByTable"

Datatype: "LanguageCode" on page 2159

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

47.1.8.30.3.5 TaxRegistrationIdentification <TaxRegnId>

Presence: [0..1]

Definition: Identification of the customer recognized by the taxation authority.

Datatype: "Max70Text" on page 2209

47.1.8.30.3.6 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the seller.

Datatype: "Max1000Text" on page 2201

47.1.8.30.4 InvoiceDate <InvcDt>

Presence: [0..1]

Definition: Effective billing date.

Datatype: "ISODate" on page 2196

47.1.8.30.5 InvoiceCreationDateTime <InvCreDtTm>

Presence: [0..1]

Definition: Contains the date and time the electronic invoice was created.

Datatype: "ISODatetime" on page 2196

47.1.8.30.6 SummaryCommodityIdentification <SummryCmmdtyld>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.30.7 FreightAmount <FrghtAmt>

Presence: [0..1]

Definition: Contains the freight charges for the entire purchase.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.30.8 TaxTotal <TaxTtl>

Presence: [0..*]

Definition: Contains the total tax amount for the entire purchase.

TaxTotal <TaxTtl> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.30.9 TaxReclaimMethod <TaxRclmMtd>

Presence: [0..1]

Definition: Code that identifies the disposition of the tax reclaim invoice.

Datatype: "TaxReclaimMethod1Code" on page 2187

CodeName	Name	Definition
INPP	InvoicePrintedPrimary	Invoice printed and given to purchaser and then used for tax reclaim
INPS	InvoicePrintedSupplimental	Invoice printed but treated as supplemental because electronic copy is used for tax reclaim
INSU	InvoiceSuppressed	Printed invoice suppressed because electronic master version is used for tax reclaim
OTHR	Other	Other tax reclaim method not elsewhere specified

47.1.8.30.10 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Contains additional details.

Datatype: "Max350Text" on page 2206

47.1.8.31 TransactionContext9

Definition: Context of the card payment transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1540
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1540
	DeferredDeliveryIndicator <DfrddlvryInd>	[0..1]	Indicator		1541
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1541
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1541
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1541
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1541
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1542
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1542
	AuthenticationOutageIndicator <AuthntcnOutgInd>	[0..1]	Indicator		1542
	CardProgramme <CardPrgrmm>	[0..1]	±		1542
	Jurisdiction <Jursdctn>	[0..1]			1543
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1543
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1543
	SettlementService <SttlmSvc>	[0..1]	±		1543
	Reconciliation <Rcncltn>	[0..1]	±		1544
	CaptureDate <CaptrDt>	[0..1]	Date		1545
	DateAnticipated <DtAntcptd>	[0..1]	Date		1545
	AdditionalData <AddtlData>	[0..*]			1545
	Type <Tp>	[0..1]	Text		1545
	Value <Val>	[0..1]	Text		1545

47.1.8.31.1 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code related to the type of services or goods the merchant provides for the transaction in accordance with ISO 18245.

Datatype: "ISO18245MerchantCategoryCode" on page 2155

47.1.8.31.2 MerchantCategorySpecificData <MrchntCtgySpcfcData>

Presence: [0..1]

Definition: Further details about the merchant that is used in with the merchant category code (MCC) for the particular purchase.

Datatype: "Max35Text" on page 2207

47.1.8.31.3 DeferredDeliveryIndicator <DfrrdDlvryInd>

Presence: [0..1]

Definition: Indicates a deferred delivery as defined by each specific implementation.

True: deferred delivery.

False: Delivery is not identified as deferred.

Default: False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.31.4 PartialShipmentIndicator <PrtlShpmtInd>

Presence: [0..1]

Definition: Indicates the partial shipment.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.31.5 DelayedChargesIndicator <DelydChrgsInd>

Presence: [0..1]

Definition: Indicates a delayed charge.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.31.6 NoShowIndicator <NoShowInd>

Presence: [0..1]

Definition: Indicates that the cardholder failed to arrive at the property and was therefore charged a no-show fee; property was not actually rented.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.31.7 ReauthorisationIndicator <ReauthstnInd>

Presence: [0..1]

Definition: Indicates a reauthorisation.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.31.8 ReSubmissionIndicator <ReSubmissnInd>

Presence: [0..1]

Definition: Indicates a resubmission.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.8.31.9 TransactionInitiator <TxInitr>

Presence: [0..1]

Definition: Identifies the transaction initiator.

Datatype: ["TransactionInitiator1Code"](#) on page 2189

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

47.1.8.31.10 AuthenticationOutageIndicator <AuthntcnOutgInd>

Presence: [0..1]

Definition: Indicates that the consumer authentication process is temporarily unavailable in the acceptance, acquirer or agent environment for this request. It does not indicate an outage in the issuer processing domain (including agents acting on behalf of the issuer).

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.8.31.11 CardProgramme <CardPrgrmm>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgramme <CardPrgrmm> contains the following elements (see ["CardProgramme2"](#) on page 1382 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]			1382
	Type <Tp>	[0..1]	Text		1382
	Identification <Id>	[1..*]	Text		1382
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1382

47.1.8.31.12 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1543
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1543

47.1.8.31.12.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.31.12.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: ["Max35Text" on page 2207](#)

47.1.8.31.13 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService3" on page 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceProposed <SttlmSvcPropsd>	[0..1]			2013
	Type <Tp>	[0..1]	Text		2014
	Identification <Id>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2014
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2014
	Type <Tp>	[0..1]	Text		2015
	Identification <Id>	[0..1]	Text		2015
	ShortName <ShrtNm>	[0..1]	Text		2015
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2015
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2015
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2016
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2016
	SettlementDate <SttlmDt>	[0..1]	Date		2016
	SettlementTime <SttlmTm>	[0..1]	Time		2016
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2016
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2016
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2017
	Type <Tp>	[0..1]	Text		2017
	Identification <Id>	[0..1]	Text		2017
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2017
	Type <Tp>	[0..1]	Text		2017
	Value <Val>	[0..1]	Text		2017

47.1.8.31.14 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

47.1.8.31.15 CaptureDate <CaptrDt>

Presence: [0..1]

Definition: Date the transaction was completed and captured.

ISO 8583 bit 17

Datatype: "[ISODate](#)" on page 2196

47.1.8.31.16 DateAnticipated <DtAntcptd>

Presence: [0..1]

Definition: The date on which the sale or purchase is expected to occur.

Datatype: "[ISODate](#)" on page 2196

47.1.8.31.17 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1545
	Value <Val>	[0..1]	Text		1545

47.1.8.31.17.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.8.31.17.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "[Max2048Text](#)" on page 2205

47.1.8.32 TransactionContext8

Definition: Context of the card payment transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1546
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1546
	FeeCollectionInitiator <FeeColltnInitr>	[0..1]	CodeSet		1546
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1547
	PartialShipmentIndicator <PrtlShpmntInd>	[0..1]	Indicator		1547
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1547
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1547
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1548
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1548
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1548
	Jurisdiction <Jursdctn>	[0..1]			1548
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1549
	SettlementService <SttlmSvc>	[0..1]	±		1549
	Reconciliation <Rcncltn>	[0..1]	±		1550
	AdditionalData <AddtlData>	[0..*]			1550
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

47.1.8.32.1 MerchantCategoryCode <MrchntCtgyCd>

Presence: [0..1]

Definition: Category code related to the type of services or goods the merchant provides for the transaction in accordance with ISO 18245.

Datatype: "ISO18245MerchantCategoryCode" on page 2155

47.1.8.32.2 MerchantCategorySpecificData <MrchntCtgySpcfcData>

Presence: [0..1]

Definition: Further details about the merchant that is used in with the merchant category code (MCC) for the particular purchase.

Datatype: "Max35Text" on page 2207

47.1.8.32.3 FeeCollectionInitiator <FeeColltnInitr>

Presence: [0..1]

Definition: Specifies the initiator of the fee collection message.

Datatype: "FeeCollectionInitiator1Code" on page 2147

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transaction.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer
CISS	CardIssuer	Entity issuing card.
OTHN	OtherNational	Other entity initiates fee collection defined at national level.
OTHP	OtherPrivate	Other entity initiates fee collection defined at private level.

47.1.8.32.4 TransactionInitiator <TxInitr>

Presence: [0..1]

Definition: Identifies the transaction initiator.

Datatype: "TransactionInitiator1Code" on page 2189

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

47.1.8.32.5 PartialShipmentIndicator <PrtlShpmtInd>

Presence: [0..1]

Definition: Indicates the partial shipment.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.32.6 DelayedChargesIndicator <DelydChrgsInd>

Presence: [0..1]

Definition: Indicates a delayed charge.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.32.7 NoShowIndicator <NoShowInd>

Presence: [0..1]

Definition: Indicates that the cardholder failed to arrive at the property and was therefore charged a no-show fee; property was not actually rented.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.32.8 ReauthorisationIndicator <ReauthstnInd>

Presence: [0..1]

Definition: Indicates a reauthorisation.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.32.9 ReSubmissionIndicator <ReSubmissnInd>

Presence: [0..1]

Definition: Indicates a resubmission.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.32.10 CardProgrammeApplied <CardPrgrmmApId>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

ISO 8583:87 bit 24

CardProgrammeApplied <CardPrgrmmApId> contains the following elements (see ["CardProgrammeMode3" on page 1383](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1383
	Identification <Id>	[1..1]	Text		1383
	AdditionalIdentification <AddtlId>	[0..*]			1383
	Type <Tp>	[0..1]	Text		1384
	Value <Val>	[0..1]	Text		1384

47.1.8.32.11 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1549
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1549

47.1.8.32.11.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.32.11.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: ["Max35Text" on page 2207](#)

47.1.8.32.12 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "[SettlementService4](#)" on page 2018 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

47.1.8.32.13 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "[Reconciliation3](#)" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

47.1.8.32.14 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1551
	Value <Val>	[0..1]	Text		1551

47.1.8.32.14.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.32.14.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.33 VehicleRentalInvoice2

Definition: Invoice related to a vehicle rental service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1552
	AdjustedIndicator <AdjstdInd>	[0..1]	Indicator		1552
	ReturnLocation <RtrLctn>	[0..1]	±		1552
	CheckOutDate <ChckOutDt>	[0..1]	Date		1552
	CheckOutTime <ChckOutTm>	[0..1]	Time		1553
	CheckInDate <ChckInDt>	[0..1]	Date		1553
	CheckInTime <ChckInTm>	[0..1]	Time		1553
	Duration <Drtn>	[0..1]	Text		1553
	VehicleClassInvoiced <VhclClssInvcd>	[0..1]	±		1553
	VehicleClassProvided <VhclClssPrvdd>	[0..1]	±		1553
	TravelDistance <TrvlDstnc>	[0..1]	±		1554
	RentalCharge <RntlChrg>	[0..*]	±		1554
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1554
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1555
	AdditionalAmount <AddtlAmt>	[0..*]	±		1555
	Tax <Tax>	[0..*]	±		1555

47.1.8.33.1 NoShowIndicator <NoShowInd>

Presence: [0..1]

Definition: Indicates that the cardholder failed to pick up the vehicle and was therefore charged a no-show fee; vehicle was not actually rented.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.33.2 AdjustedIndicator <AdjstdInd>

Presence: [0..1]

Definition: Indicates that an adjustment was made to a vehicle rental charge (for example, additional charges added).

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.33.3 ReturnLocation <RtrLctn>

Presence: [0..1]

Definition: Location to which vehicle was returned.

ReturnLocation <RtrLctn> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.33.4 CheckOutDate <ChckOutDt>

Presence: [0..1]

Definition: Date the vehicle was picked-up by the customer. In the case of a no-show transaction or a prepaid transaction, this contains the scheduled pickup date.

Datatype: "ISODate" on page 2196

47.1.8.33.5 CheckOutTime <ChckOutTm>

Presence: [0..1]

Definition: Time the vehicle was picked-up by the customer. In the case of a no-show transaction or a prepaid transaction, this contains the scheduled pickup time.

Datatype: "ISOTime" on page 2211

47.1.8.33.6 CheckInDate <ChckInDt>

Presence: [0..1]

Definition: Date when the vehicle was returned to the rental agency.

Datatype: "ISODate" on page 2196

47.1.8.33.7 CheckInTime <ChckInTm>

Presence: [0..1]

Definition: Time when the vehicle was returned to the rental agency.

Datatype: "ISOTime" on page 2211

47.1.8.33.8 Duration <Drtn>

Presence: [0..1]

Definition: Duration of rental in days.

Datatype: "Max4NumericText" on page 2208

47.1.8.33.9 VehicleClassInvoiced <VhclClssInvcd>

Presence: [0..1]

Definition: Contains the details of the vehicle class invoiced to the renter regardless of the class of vehicle actually provided.

VehicleClassInvoiced <VhclClssInvcd> contains the following elements (see "Vehicle4" on page 1673 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Class <Clss>	[0..1]	Text		1673
	Make <Make>	[0..1]	Text		1673
	Model <Mdl>	[0..1]	Text		1674
	RegistrationNumber <RegnNb>	[0..1]	Text		1674

47.1.8.33.10 VehicleClassProvided <VhclClssPrvdd>

Presence: [0..1]

Definition: Contains the details of the vehicle class of the vehicle actually provided to the renter at the time of vehicle pick-up. This may be an upgrade class of vehicle, above that invoiced to the renter.

VehicleClassProvided <VhclCllssPrvdd> contains the following elements (see "[Vehicle4](#)" on page 1673 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Class <Cllss>	[0..1]	Text		1673
	Make <Make>	[0..1]	Text		1673
	Model <Mdl>	[0..1]	Text		1674
	RegistrationNumber <RegnNb>	[0..1]	Text		1674

47.1.8.33.11 TravelDistance <TrvlDstnc>

Presence: [0..1]

Definition: Distance travelled during vehicle rental.

TravelDistance <TrvlDstnc> contains the following elements (see "[Distance1](#)" on page 1682 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1682
	OdometerStart <OdmtrStart>	[0..1]	Text		1683
	OdometerReturn <OdmtrRtr>	[0..1]	Text		1683
	TotalDistance <TtlDstnc>	[0..1]	Text		1683
	FreeDistance <FreeDstnc>	[0..1]	Text		1683
	Rate <Rate>	[0..1]	Amount		1683

47.1.8.33.12 RentalCharge <RntlChrg>

Presence: [0..*]

Definition: Vehicle rental charge.

RentalCharge <RntlChrg> contains the following elements (see "[RentalRate1](#)" on page 1895 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Period <Prd>	[0..1]	CodeSet		1896
	OtherPeriod <OthrPrd>	[0..1]	Text		1896
	Rate <Rate>	[0..1]	Amount		1896
	PeriodCount <PrdCnt>	[0..1]	Text		1896

47.1.8.33.13 SummaryCommodityIdentification <SummryCmmdtyld>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.33.14 InsuranceIndicator <Insrnclnd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.33.15 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Contains the details of additional amount for a specific vehicle rental service type.

AdditionalAmount <AddtlAmt> contains the following elements (see "Amount18" on page 1349 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1350
	OtherType <OthrTp>	[0..1]	Text		1351
	Amount <Amt>	[0..1]	Amount		1351
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1351
	CustomerNotifiedIndicator <CstmrNtfdInd>	[0..1]	Indicator		1351

47.1.8.33.16 Tax <Tax>

Presence: [0..*]

Definition: Taxes related to the products or services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.34 VehicleRentalService2

Definition: Vehicle rental service provides detailed vehicle rental information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleRentalCompany <VhclRntlCpny>	[0..1]	±		1556
	Customer <Cstmr>	[0..1]	±		1556
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1557
	RentalAgreement <RntlAgrmt>	[0..1]	±		1557
	RentalInvoice <RntlInvc>	[0..1]	±		1558
	AdditionalData <AddtlData>	[0..1]	Text		1559

47.1.8.34.1 VehicleRentalCompany <VhclRntlCpny>

Presence: [0..1]

Definition: Company in charge of a vehicle rental service.

VehicleRentalCompany <VhclRntlCpny> contains the following elements (see "[VehicleRentalCompany2](#)" on page 1828 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1829
	Identification <Id>	[0..1]	±		1829
	Address <Adr>	[0..1]	±		1830
	Contact <Ctct>	[0..1]			1831
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1831
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1831
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1832
	Email <Email>	[0..1]	Text		1832
	FaxNumber <FaxNb>	[0..1]	Text		1832
	URLAddress <URLAdr>	[0..1]	Text		1832
	Language <Lang>	[0..1]	CodeSet	C2	1832
	Country <Ctry>	[0..1]	CodeSet		1832
	Type <Tp>	[0..1]	CodeSet		1832
	OtherType <OthrTp>	[0..1]	Text		1833

47.1.8.34.2 Customer <Cstmr>

Presence: [0..1]

Definition: Customer renting a vehicle.

Customer <Cstmr> contains the following elements (see "[VehicleRentalCustomer2](#)" on page 1492 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RenterName <RntrNm>	[1..1]	Text		1492
	CorporateName <CorpNm>	[0..1]	Text		1492
	CorporateIdentifier <Corpldr>	[1..1]	Text		1492
	Assigner <Assgnr>	[0..1]	CodeSet		1492
	PrimaryDriver <PmryDrvr>	[0..*]	±		1493
	AdditionalDriver <AddtlDrvr>	[0..*]	±		1494
	LoyaltyProgramme <LtyPgrmm>	[0..1]	±		1495

47.1.8.34.3 SummaryCommodityIdentification <SummryCmmdtyld>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "[Max35Text](#)" on page 2207

47.1.8.34.4 RentalAgreement <RntlAgrmt>

Presence: [0..1]

Definition: Agreement (contract) related to a vehicle rental service.

RentalAgreement <RntlAgrmt> contains the following elements (see "VehicleRentalAgreement2" on page 1559 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AgreementNumber <AgrmtNb>	[0..1]	Text		1560
	AdjustedIndicator <AdjstdInd>	[0..1]	Indicator		1560
	RentalLocation <RntlLctn>	[0..1]	±		1561
	PickupLocation <PckpLctn>	[0..*]	±		1561
	CheckOutDate <ChckOutDt>	[0..1]	Date		1562
	CheckOutTime <ChckOutTm>	[0..1]	Time		1562
	ReturnLocation <RtrLctn>	[0..1]	±		1562
	CheckInDate <ChckInDt>	[0..1]	Date		1563
	CheckInTime <ChckInTm>	[0..1]	Time		1563
	Duration <Drtn>	[0..1]	Text		1563
	VehicleClassDetails <VhclClassDtls>	[0..1]	±		1563
	TravelDistance <TrvlDstnc>	[0..1]	±		1564
	RentalRate <RntlRate>	[0..*]	±		1564
	RentalDetails <RntlDtls>	[0..1]	±		1564
	VehicleRegistrationNumber <VhclRegnNb>	[0..1]	Text		1566
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1566
	AdditionalAmount <AddtlAmt>	[0..*]	±		1567
	EstimatedTax <EstmtdTax>	[0..*]	±		1567
	DiscountProgramme <DscntPrgrmm>	[0..*]			1567
	Type <Tp>	[0..1]	Text		1568
	Value <Val>	[1..1]	Text		1568
	LoyaltyProgramme <LltyPrgrmm>	[0..*]	±		1568

47.1.8.34.5 RentalInvoice <RntlInvc>

Presence: [0..1]

Definition: Invoice related to a vehicle rental service.

RentalInvoice <RntlInvc> contains the following elements (see "[VehicleRentalInvoice2](#)" on page 1551 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1552
	AdjustedIndicator <AdjstdInd>	[0..1]	Indicator		1552
	ReturnLocation <RtrLctn>	[0..1]	±		1552
	CheckOutDate <ChckOutDt>	[0..1]	Date		1552
	CheckOutTime <ChckOutTm>	[0..1]	Time		1553
	CheckInDate <ChckInDt>	[0..1]	Date		1553
	CheckInTime <ChckInTm>	[0..1]	Time		1553
	Duration <Drtn>	[0..1]	Text		1553
	VehicleClassInvoiced <VhclClssInvcd>	[0..1]	±		1553
	VehicleClassProvided <VhclClssPrvdd>	[0..1]	±		1553
	TravelDistance <TrvlDstnc>	[0..1]	±		1554
	RentalCharge <RntlChrg>	[0..*]	±		1554
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1554
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1555
	AdditionalAmount <AddtlAmt>	[0..*]	±		1555
	Tax <Tax>	[0..*]	±		1555

47.1.8.34.6 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the vehicle rental.

Datatype: "[Max350Text](#)" on page 2206

47.1.8.35 VehicleRentalAgreement2

Definition: Agreement (contract) related to a vehicle rental service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AgreementNumber <AgrmtNb>	[0..1]	Text		1560
	AdjustedIndicator <AdjstdInd>	[0..1]	Indicator		1560
	RentalLocation <RntlLctn>	[0..1]	±		1561
	PickupLocation <PckpLctn>	[0..*]	±		1561
	CheckOutDate <ChckOutDt>	[0..1]	Date		1562
	CheckOutTime <ChckOutTm>	[0..1]	Time		1562
	ReturnLocation <RtrLctn>	[0..1]	±		1562
	CheckInDate <ChckInDt>	[0..1]	Date		1563
	CheckInTime <ChckInTm>	[0..1]	Time		1563
	Duration <Drtn>	[0..1]	Text		1563
	VehicleClassDetails <VhclClsDtls>	[0..1]	±		1563
	TravelDistance <TrvlDstnc>	[0..1]	±		1564
	RentalRate <RntlRate>	[0..*]	±		1564
	RentalDetails <RntlDtls>	[0..1]	±		1564
	VehicleRegistrationNumber <VhclRegnNb>	[0..1]	Text		1566
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1566
	AdditionalAmount <AddtlAmt>	[0..*]	±		1567
	EstimatedTax <EstmtdTax>	[0..*]	±		1567
	DiscountProgramme <DscntPrgrmm>	[0..*]			1567
	Type <Tp>	[0..1]	Text		1568
	Value <Val>	[1..1]	Text		1568
	LoyaltyProgramme <LltyPrgrmm>	[0..*]	±		1568

47.1.8.35.1 AgreementNumber <AgrmtNb>

Presence: [0..1]

Definition: Contains the original vehicle rental agreement, invoice or contract number.

Datatype: "Max35Text" on page 2207

47.1.8.35.2 AdjustedIndicator <AdjstdInd>

Presence: [0..1]

Definition: Indicates that an adjustment was made to a vehicle rental charge (for example, additional charges added).

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.35.3 RentalLocation <RntlLctn>

Presence: [0..1]

Definition: Contains the vehicle rental location.

RentalLocation <RntlLctn> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.35.4 PickupLocation <PckpLctn>

Presence: [0..*]

Definition: Used when different than rental location

PickupLocation <PckpLctn> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.35.5 CheckOutDate <ChckOutDt>

Presence: [0..1]

Definition: Date the vehicle was picked-up by the customer. In the case of a no-show transaction or a prepaid transaction, this contains the scheduled pickup date.

Datatype: "ISODate" on page 2196

47.1.8.35.6 CheckOutTime <ChckOutTm>

Presence: [0..1]

Definition: Time the vehicle was picked-up by the customer. In the case of a no-show transaction or a prepaid transaction, this contains the scheduled pickup time.

Datatype: "ISOTime" on page 2211

47.1.8.35.7 ReturnLocation <RtrLctn>

Presence: [0..1]

Definition: Location to which vehicle was returned.

ReturnLocation <RtrLctn> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.35.8 CheckInDate <ChckInDt>

Presence: [0..1]

Definition: Date when the vehicle was returned to the rental agency.

Datatype: "ISODate" on page 2196

47.1.8.35.9 CheckInTime <ChckInTm>

Presence: [0..1]

Definition: Time when the vehicle was returned to the rental agency.

Datatype: "ISOTime" on page 2211

47.1.8.35.10 Duration <Drtn>

Presence: [0..1]

Definition: Duration of rental in days.

Datatype: "Max4NumericText" on page 2208

47.1.8.35.11 VehicleClassDetails <VhclClsDtls>

Presence: [0..1]

Definition: Contains the details of the vehicle classification.

VehicleClassDetails <VhclClsDtls> contains the following elements (see "Vehicle4" on page 1673 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Class <Cls>	[0..1]	Text		1673
	Make <Make>	[0..1]	Text		1673
	Model <Mdl>	[0..1]	Text		1674
	RegistrationNumber <RegnNb>	[0..1]	Text		1674

47.1.8.35.12 TravelDistance <TrvlDstnc>

Presence: [0..1]

Definition: Distance travelled during vehicle rental.

TravelDistance <TrvlDstnc> contains the following elements (see "Distance1" on page 1682 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1682
	OdometerStart <OdmtrStart>	[0..1]	Text		1683
	OdometerReturn <OdmtrRtr>	[0..1]	Text		1683
	TotalDistance <TtlDstnc>	[0..1]	Text		1683
	FreeDistance <FreeDstnc>	[0..1]	Text		1683
	Rate <Rate>	[0..1]	Amount		1683

47.1.8.35.13 RentalRate <RntlRate>

Presence: [0..*]

Definition: Vehicle rental rate.

RentalRate <RntlRate> contains the following elements (see "RentalRate1" on page 1895 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Period <Prd>	[0..1]	CodeSet		1896
	OtherPeriod <OthrPrd>	[0..1]	Text		1896
	Rate <Rate>	[0..1]	Amount		1896
	PeriodCount <PrdCnt>	[0..1]	Text		1896

47.1.8.35.14 RentalDetails <RntlDtls>

Presence: [0..1]

Definition: Vehicle rental details.

RentalDetails <RntIDtls> contains the following elements (see "RentalDetails2" on page 1478 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RentalIdentification <RntlId>	[0..1]	Text		1480
	RentalDateTime <RntlDtTm>	[0..1]	DateTime		1480
	RentalStart <RntlStart>	[0..1]			1480
	Location <Lctn>	[0..1]	Text		1481
	LocationCode <LctnCd>	[0..1]	Text		1481
	Address <Adr>	[0..1]	±		1482
	Contact <Ctct>	[0..1]			1482
	Name <Nm>	[0..1]	Text		1483
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1483
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1483
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1483
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1483
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1484
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1484
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1484
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1484
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1484
	URLAddress <URLAdr>	[0..1]	Text		1484
	Language <Lang>	[0..1]	CodeSet		1484
	DateAndTime <DtAndTm>	[0..1]	DateTime		1484
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1485
	JourneyInformation <JrnyInf>	[0..1]			1485
	JourneyType <JrnyTp>	[0..1]	CodeSet		1485
	JourneyData <JrnyData>	[0..1]	Text		1485
	DateAndTime <DtAndTm>	[0..1]	DateTime		1486
	RentalReturn <RntlRtr>	[0..1]			1486
	Location <Lctn>	[0..1]	Text		1486
	LocationCode <LctnCd>	[0..1]	Text		1487
	Address <Adr>	[0..1]	±		1487
	Contact <Ctct>	[0..1]			1487

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1488
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1488
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1488
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1488
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1488
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1489
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1489
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1489
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1489
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1489
	URLAddress <URLAdr>	[0..1]	Text		1489
	Language <Lang>	[0..1]	CodeSet		1489
	DateAndTime <DtAndTm>	[0..1]	DateTime		1489
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1490
	JourneyInformation <JrnyInf>	[0..1]			1490
	JourneyType <JrnyTp>	[0..1]	CodeSet		1490
	JourneyData <JrnyData>	[0..1]	Text		1490
	DateAndTime <DtAndTm>	[0..1]	DateTime		1491
	RentalTimePeriod <RntlTmPrd>	[0..*]	CodeSet		1491
	TimePeriodUnit <TmPrdUnit>	[0..1]	Text		1491
	TimePeriodRate <TmPrdRate>	[0..1]	Amount		1491
	Currency <Ccy>	[0..1]	CodeSet	C2	1491

47.1.8.35.15 VehicleRegistrationNumber <VhclRegnNb>

Presence: [0..1]

Definition: Registration number of vehicle.

Datatype: "Max70Text" on page 2209

47.1.8.35.16 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.35.17 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Contains the details of additional amount for a specific vehicle rental service type.

AdditionalAmount <AddtlAmt> contains the following elements (see "Amount18" on page 1349 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1350
	OtherType <OthrTp>	[0..1]	Text		1351
	Amount <Amt>	[0..1]	Amount		1351
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1351
	CustomerNotifiedIndicator <CstmrNtfdInd>	[0..1]	Indicator		1351

47.1.8.35.18 EstimatedTax <EstmtdTax>

Presence: [0..*]

Definition: Taxes related to the products or services.

EstimatedTax <EstmtdTax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.35.19 DiscountProgramme <DscntPrgrmm>

Presence: [0..*]

Definition: Discount applied to the vehicle rental.

DiscountProgramme <DscntPrgrmm> contains the following **Discount3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1568
	Value <Val>	[1..1]	Text		1568

47.1.8.35.19.1 Type <Tp>

Presence: [0..1]

Definition: Describes the type of discount applied to the transaction.

Datatype: "Max35Text" on page 2207

47.1.8.35.19.2 Value <Val>

Presence: [1..1]

Definition: Monetary value of the discount applied to the transaction.

Datatype: "Max35Text" on page 2207

47.1.8.35.20 LoyaltyProgramme <LltyPrgrmm>

Presence: [0..*]

Definition: Loyalty programme details.

LoyaltyProgramme <LltyPrgrmm> contains the following elements (see "LoyaltyProgramme3" on page 1477 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeEligibilityIndicator <PrgrmmElgbltyInd>	[0..*]	Indicator		1478
	ProgrammeIssuer <PrgrmmIssr>	[0..1]	Text		1478
	LoyaltyMember <LltyMmb>	[0..1]	±		1478

47.1.8.36 AdditionalService2

Definition: Additional functions or services that have been or are to be performed in conjunction with the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

47.1.8.36.1 Type <Tp>

Presence: [1..1]

Definition: Type of additional service applied to the transaction.

Datatype: "AdditionalServiceType2Code" on page 2120

CodeName	Name	Definition
CACT	CardActivation	Card activation
CSHB	CashBack	Purchase of goods or services with cashback
DCCV	DCC	Dynamic Currency Conversion (DCC)
INTP	InstantPayment	Instant payment from a cardholder's account to an acceptor's account
INTT	InstantTransfer	Instant transfer of funds from a payer's account to a payee's account.
LOYT	Loyalty	Loyalty services
OTHN	OtherNational	Other type of additional service at national level
OTHP	OtherPrivate	Other type of additional service at private level
PRST	PreStagedTransaction	Withdrawal transaction was pre-authorized by another channel (amount could be absent).
BALC	AccountBalance	Return the account balance with the transaction.

47.1.8.36.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other additional service applied to the transaction.

Datatype: "Max35Text" on page 2207

47.1.8.36.3 Result <RsIt>

Presence: [0..1]

Definition: Result from performing the identified service.

Datatype: "AdditionalServiceResult1Code" on page 2119

CodeName	Name	Definition
NOPF	NotPerformed	The service was not performed.
NOSP	NotSupported	The service is not supported and could not be performed.
OTHN	OtherNational	Other nationally defined code.
OTHP	OtherPrivate	Other privately defined code.
PERF	Performed	The service was performed.

47.1.8.36.4 OtherResult <OthrRsIt>

Presence: [0..1]

Definition: Other nationally or privately defined additional service result code.

Datatype: "Max35Text" on page 2207

47.1.8.36.5 ServiceDetail <SvcDtl>

Presence: [0..*]

Definition: Contains additional information for the execution or results of the service.

ServiceDetail <SvcDtl> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

47.1.8.36.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.36.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.37 AncillaryPurchase2

Definition: Contains additional charges related to or during transit (e.g., baggage fee, in-flight purchase). These are separate from the original ticket purchase.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AncillaryDocumentNumber <AncllryDocNb>	[0..1]	Text		1571
	RelatedDocumentNumber <RltdDocNb>	[0..1]	Text		1571
	ServiceCategoryCode <SvcCtgyCd>	[0..1]	Text		1571
	ServiceSubCategoryCode <SvcSubCtgyCd>	[0..1]	Text		1571
	ServiceProviderServiceType <SvcPrvdrSvcTp>	[0..1]	Text		1571
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1572
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1572
	Amount <Amt>	[0..1]	±		1572
	Fee <Fee>	[0..1]	Amount		1572
	Tax <Tax>	[0..*]	±		1572
	AdditionalData <AddtlData>	[0..1]	Text		1573

47.1.8.37.1 AncillaryDocumentNumber <AncllryDocNb>

Presence: [0..1]

Definition: Contains the form number assigned by the carrier for the transaction.

Datatype: "Max15Text" on page 2203

47.1.8.37.2 RelatedDocumentNumber <RltdDocNb>

Presence: [0..1]

Definition: Document number of related transport details.

Datatype: "Max15Text" on page 2203

47.1.8.37.3 ServiceCategoryCode <SvcCtgyCd>

Presence: [0..1]

Definition: Contains an ancillary category code for the primary type of service that has been provided.

Datatype: "Max4Text" on page 2208

47.1.8.37.4 ServiceSubCategoryCode <SvcSubCtgyCd>

Presence: [0..1]

Definition: Contains ancillary service sub category code.

Datatype: "Max4Text" on page 2208

47.1.8.37.5 ServiceProviderServiceType <SvcPrvdrSvcTp>

Presence: [0..1]

Definition: Proprietary service type code assigned by the service provider.

Datatype: "Max35Text" on page 2207

47.1.8.37.6 CreditReasonCode <CdtRsnCd>

Presence: [0..1]

Definition: Indicates reason for the credit to the cardholder. Includes: ancillary purchase cancelled, passenger transport ticket and related ancillary purchase cancelled, etc.

Datatype: "Max35Text" on page 2207

47.1.8.37.7 SummaryCommodityIdentification <SummryCmmdtyld>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.37.8 Amount <Amt>

Presence: [0..1]

Definition: Ancillary purchase amount.

Amount <Amt> contains the following elements (see "Amount16" on page 1356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1356

47.1.8.37.9 Fee <Fee>

Presence: [0..1]

Definition: Subfield contains the ancillary fee amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.37.10 Tax <Tax>

Presence: [0..*]

Definition: Taxes related to the products or services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.37.11 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the transportation.

Datatype: "Max350Text" on page 2206

47.1.8.38 GracePeriod2

Definition: Grace period applicable to an instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[0..1]	Text		1573
	UnitType <UnitTp>	[0..1]	CodeSet		1573
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1574
	CustomerSelectedGracePeriod <CstmrSelctdGracePrd>	[0..1]	SchemaType		1574

47.1.8.38.1 Time <Tm>

Presence: [0..1]

Definition: Grace period time relative to the grace period unit type.

Datatype: "Max3NumericText" on page 2207

47.1.8.38.2 UnitType <UnitTp>

Presence: [0..1]

Definition: Grace period unit type.

Datatype: "GracePeriodUnitType1Code" on page 2153

CodeName	Name	Definition
WEKS	Weeks	Grace period weeks.

CodeName	Name	Definition
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.

47.1.8.38.3 OtherUnitType <OthrUnitTp>

Presence: [0..1]

Definition: Grace period other unit type.

Datatype: "Max35Text" on page 2207

47.1.8.38.4 CustomerSelectedGracePeriod <CstmrSelctdGracePrd>

Presence: [0..1]

Definition: Indicates a customer selected grace period

Datatype: "boolean" on page 2197

47.1.8.39 Instalment4

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
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1574
	Plan <Plan>	[0..*]	±		1574

47.1.8.39.1 PaymentSequenceNumber <PmtSeqNb>

Presence: [0..1]

Definition: Indicates the occurrence of a single instalment payment within a series of instalment payments.

Datatype: "Number" on page 2198

47.1.8.39.2 Plan <Plan>

Presence: [0..*]

Definition: Attributes of the instalment plan.

Plan <Plan> contains the following elements (see "Plan2" on page 1575 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1576
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1576
	OtherPlanOwner <OthrPlanOwnr>	[0..1]	Text		1577
	InstalmentPaymentType <InstlmtPmtTp>	[0..1]	Text		1577
	DeferredInstalmentIndicator <DfrdInstlmtInd>	[0..1]	Indicator		1577
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1577
	NumberOfPeriods <NbOfPrds>	[0..1]	Quantity		1578
	InterestRate <IntrstRate>	[0..*]			1578
	Type <Tp>	[0..1]	CodeSet		1578
	OtherType <OthrTp>	[0..1]	Text		1578
	Period <Prd>	[0..1]	CodeSet		1578
	Rate <Rate>	[1..1]	Rate		1579
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1579
	FirstAmount <FrstAmt>	[0..1]	Amount		1579
	NormalPaymentAmount <NrmlPmtAmt>	[0..1]	Amount		1579
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1579
	InstalmentCurrency <InstlmtCcy>	[0..1]	CodeSet	C2	1579
	GracePeriod <GracePrd>	[0..1]	±		1580
	AmountDetails <AmtDtls>	[0..*]	±		1580
	GrandTotalAmount <GrdTtlAmt>	[0..1]	Amount		1580
	AdditionalData <AddtlData>	[0..*]			1580
	Type <Tp>	[0..1]	Text		1581
	Value <Val>	[0..1]	Text		1581

47.1.8.40 Plan2

Definition: Attributes of the instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlanIdentification <PlanId>	[0..1]	Text		1576
	PlanOwner <PlanOwnr>	[0..1]	CodeSet		1576
	OtherPlanOwner <OthrPlanOwnr>	[0..1]	Text		1577
	InstalmentPaymentType <InstlmtPmtTp>	[0..1]	Text		1577
	DeferredInstalmentIndicator <DfrdInstlmtInd>	[0..1]	Indicator		1577
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1577
	NumberOfPeriods <NbOfPrds>	[0..1]	Quantity		1578
	InterestRate <IntrstRate>	[0..*]			1578
	Type <Tp>	[0..1]	CodeSet		1578
	OtherType <OthrTp>	[0..1]	Text		1578
	Period <Prd>	[0..1]	CodeSet		1578
	Rate <Rate>	[1..1]	Rate		1579
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1579
	FirstAmount <FrstAmt>	[0..1]	Amount		1579
	NormalPaymentAmount <NrmlPmtAmt>	[0..1]	Amount		1579
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1579
	InstalmentCurrency <InstlmtCcy>	[0..1]	CodeSet	C2	1579
	GracePeriod <GracePrd>	[0..1]	±		1580
	AmountDetails <AmtDtls>	[0..*]	±		1580
	GrandTotalAmount <GrdTtlAmt>	[0..1]	Amount		1580
	AdditionalData <AddtlData>	[0..*]			1580
	Type <Tp>	[0..1]	Text		1581
	Value <Val>	[0..1]	Text		1581

47.1.8.40.1 PlanIdentification <PlanId>*Presence:* [0..1]*Definition:* Identification of the instalment plan.*Datatype:* "Max70Text" on page 2209**47.1.8.40.2 PlanOwner <PlanOwnr>***Presence:* [0..1]*Definition:* List of plan owners.*Datatype:* "PlanOwner1Code" on page 2176

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.

47.1.8.40.3 OtherPlanOwner <OthrPlanOwnr>

Presence: [0..1]

Definition: Other plan owner, used when PlanOwner is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 2207

47.1.8.40.4 InstalmentPaymentType <InstlmtPmtTp>

Presence: [0..1]

Definition: Instalment payment type.

Datatype: "Max35Text" on page 2207

47.1.8.40.5 DeferredInstalmentIndicator <DfrrdInstlmtInd>

Presence: [0..1]

Definition: Indicate a deferred Instalment plan.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.40.6 PeriodUnit <PrdUnit>

Presence: [0..1]

Definition: Period unit between consecutive payments.

Datatype: "Frequency18Code" on page 2151

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
DAIL	Daily	Event takes place every day.
FRTN	Fortnightly	Event takes place every two weeks.
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
TEND	TenDays	Event takes place every ten business days.
WEEK	Weekly	Event takes place once a week.
TWWK	TwiceAWeek	Two times a week

47.1.8.40.7 NumberOfPeriods <NbOfPrds>

Presence: [0..1]

Definition: Number of period units between consecutive payments.

Datatype: "Number" on page 2198

47.1.8.40.8 InterestRate <IntrstRate>

Presence: [0..*]

Definition: Details of the interest rate.

InterestRate <IntrstRate> contains the following **InterestRateDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1578
	OtherType <OthrTp>	[0..1]	Text		1578
	Period <Prd>	[0..1]	CodeSet		1578
	Rate <Rate>	[1..1]	Rate		1579

47.1.8.40.8.1 Type <Tp>

Presence: [0..1]

Definition: Interest rate applicable to the instalment.

Datatype: "InterestRate1Code" on page 2155

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

47.1.8.40.8.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

Datatype: "Max35Text" on page 2207

47.1.8.40.8.3 Period <Prd>

Presence: [0..1]

Definition: Contains instalment period

Datatype: "InstalmentPeriod1Code" on page 2155

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

47.1.8.40.8.4 Rate <Rate>

Presence: [1..1]

Definition: Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

Datatype: "BaseOneRate" on page 2199

47.1.8.40.9 FirstPaymentDate <FrstPmtDt>

Presence: [0..1]

Definition: Date of the first payment.

Datatype: "ISODate" on page 2196

47.1.8.40.10 FirstAmount <FrstAmt>

Presence: [0..1]

Definition: Amount of the first payment when different from the subsequent payments.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.40.11 NormalPaymentAmount <NrmlPmtAmt>

Presence: [0..1]

Definition: Normal payment amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.40.12 TotalNumberOfPayments <TtlNbOfPmts>

Presence: [0..1]

Definition: Total number of instalment payments.

Datatype: "Number" on page 2198

47.1.8.40.13 InstalmentCurrency <InstlmtCcy>

Presence: [0..1]

Definition: Currency code associated with the instalment amount. ISO 4217 "Codes for the representation of currencies and funds".

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.8.40.14 GracePeriod <GracePrd>

Presence: [0..1]

Definition: Contains grace period details.

GracePeriod <GracePrd> contains the following elements (see "[GracePeriod2](#)" on page 1573 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Time <Tm>	[0..1]	Text		1573
	UnitType <UnitTp>	[0..1]	CodeSet		1573
	OtherUnitType <OthrUnitTp>	[0..1]	Text		1574
	CustomerSelectedGracePeriod <CstmrSelctdGracePrd>	[0..1]	SchemaType		1574

47.1.8.40.15 AmountDetails <AmtDtls>

Presence: [0..*]

Definition: Contains the amount details of an instalment plan.

AmountDetails <AmtDtls> contains the following elements (see "[InstalmentAmountDetails2](#)" on page 1357 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1357
	OtherType <OthrTp>	[0..1]	Text		1357
	SubType <SubTp>	[0..1]	Text		1358
	Amount <Amt>	[0..1]	±		1358
	Percentage <Pctg>	[0..1]	Rate		1358

47.1.8.40.16 GrandTotalAmount <GrdTtlAmt>

Presence: [0..1]

Definition: Total amount of the instalment including charges, insurance and taxes in addition to the funded amount.

Datatype: "[ImpliedCurrencyAndAmount](#)" on page 2110

47.1.8.40.17 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional plan data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1581
	Value <Val>	[0..1]	Text		1581

47.1.8.40.17.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.40.17.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.41 TripLeg2

Definition: Supplies additional transaction information for travel transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SequenceNumber <SeqNb>	[0..1]	Text		1583
	Ticket <Tckt>	[0..1]			1583
	TicketNumber <TcktNb>	[0..1]	Text		1584
	TicketIssuer <Tcktlssr>	[0..1]	±		1584
	TicketIssueDate <Tcktlssedt>	[0..1]	Date		1585
	TicketIssueLocation <Tcktlsselctn>	[0..1]	Text		1585
	ConjunctionTicketNumber <CnjnctnTcktNb>	[0..1]	Text		1585
	RestrictedTicketIndicator <RstrctdTcktInd>	[0..1]	Indicator		1585
	OpenTicketIndicator <OpnTcktInd>	[0..1]	Indicator		1586
	Restrictions <Rstrctns>	[0..1]	Text		1586
	ExchangedTicketIndicator <XchgdtcktInd>	[0..1]	Indicator		1586
	ExchangedTicketNumber <XchgdtcktNb>	[0..1]	Text		1586
	RecordLocatorNumber <RcrdLctrNb>	[0..1]	Text		1587
	Reservation <Rsvatn>	[0..1]			1587
	System <Sys>	[0..1]	Text		1587
	ReservationNumber <RsvatnNb>	[0..1]	Text		1587
	OriginalSystem <OrgnlSys>	[0..1]	Text		1587
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1587
	Document <Doc>	[0..*]			1587
	Type <Tp>	[0..1]	Text		1588
	Reference <Ref>	[0..1]	Text		1588
	ProcedureReference <PrcdrRef>	[0..1]	Text		1588
	TransportType <TrnsprtTp>	[0..1]	CodeSet		1588
	OtherTransportType <OthrTrnsprtTp>	[0..1]	Text		1588
	CommodityCode <CmmdtyCd>	[0..1]	Text		1589
	Carrier <Crrier>	[0..1]			1589
	Name <Nm>	[0..1]	Text		1589
	Code <Cd>	[0..1]	Text		1589
	IATACode <IATACd>	[0..1]	Text		1589
	RouteNumber <RouteNb>	[0..1]	Text		1589
	ServiceClass <SvcClss>	[0..1]	Text		1589

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Departure <Dprture>	[0..1]	±		1590
	Arrival <Arrvl>	[0..1]	±		1590
	Duration <Drtn>	[0..1]	Text		1590
	StopOverIndicator <StopOverInd>	[0..1]	Indicator		1590
	NonDirectRouteCode <NonDrctRouteCd>	[0..1]	Text		1590
	FairBasisCode <FairBsisCd>	[0..1]	Text		1591
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1591
	TripLegAmount <TripLegAmt>	[0..*]			1591
	Type <Tp>	[0..1]	CodeSet		1591
	OtherType <OthrTp>	[0..1]	Text		1592
	Amount <Amt>	[1..1]	Amount		1592
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1592
	Tax <Tax>	[0..*]	±		1593
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1593
	ProcedureIdentification <Prcdrld>	[0..1]	Text		1593
	LoyaltyProgramme <LltyPrgrmm>	[0..1]	±		1593
	AdditionalData <AddtlData>	[0..1]	Text		1594

47.1.8.41.1 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Identifies the specific occurrence of trip leg data.

Datatype: "Max35NumericText" on page 2207

47.1.8.41.2 Ticket <Tckt>

Presence: [0..1]

Definition: Details of the ticket.

Ticket <Tckt> contains the following **Ticket2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TicketNumber <TcktNb>	[0..1]	Text		1584
	TicketIssuer <TcktIssr>	[0..1]	±		1584
	TicketIssueDate <TcktIsseDt>	[0..1]	Date		1585
	TicketIssueLocation <TcktIsseLctn>	[0..1]	Text		1585
	ConjunctionTicketNumber <CnjnctnTcktNb>	[0..1]	Text		1585
	RestrictedTicketIndicator <RstrctdTcktInd>	[0..1]	Indicator		1585
	OpenTicketIndicator <OpnTcktInd>	[0..1]	Indicator		1586
	Restrictions <Rstrctns>	[0..1]	Text		1586
	ExchangedTicketIndicator <XchgdtTcktInd>	[0..1]	Indicator		1586
	ExchangedTicketNumber <XchgdtTcktNb>	[0..1]	Text		1586
	RecordLocatorNumber <RcrdLctrNb>	[0..1]	Text		1587
	Reservation <Rsvatn>	[0..1]			1587
	System <Sys>	[0..1]	Text		1587
	ReservationNumber <RsvatnNb>	[0..1]	Text		1587
	OriginalSystem <OrgnlSys>	[0..1]	Text		1587
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1587

47.1.8.41.2.1 TicketNumber <TcktNb>

Presence: [0..1]

Definition: Contains the ticket number.

Datatype: "Max35Text" on page 2207

47.1.8.41.2.2 TicketIssuer <TcktIssr>

Presence: [0..1]

Definition: Name of the issuing ticket agent.

TicketIssuer <Tcktlssr> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.8.41.2.3 TicketIssueDate <TcktlssDt>

Presence: [0..1]

Definition: Date the ticket was issued.

Datatype: "ISODate" on page 2196

47.1.8.41.2.4 TicketIssueLocation <TcktlssLctn>

Presence: [0..1]

Definition: Location where ticket was issued.

Datatype: "Max140Text" on page 2203

47.1.8.41.2.5 ConjunctionTicketNumber <CnjctnTcktNb>

Presence: [0..1]

Definition: Number of a ticket that contains additional coupons for an itinerary that contains more than four segments.

Datatype: "Max35Text" on page 2207

47.1.8.41.2.6 RestrictedTicketIndicator <RstrctdTcktInd>

Presence: [0..1]

Definition: Indicates whether or not restrictions apply to the ticket.

True = Restrictions apply

False = Restrictions do not apply

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.41.2.7 OpenTicketIndicator <OpnTcktInd>

Presence: [0..1]

Definition: Indicates whether or not the ticket is open-ended.

True = Ticket is open-ended

False = Ticket is not open-ended

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.41.2.8 Restrictions <Rstrctns>

Presence: [0..1]

Definition: Contains the specific restriction applicable to the ticket.

Datatype: ["Max70Text" on page 2209](#)

47.1.8.41.2.9 ExchangedTicketIndicator <XchgdTcktInd>

Presence: [0..1]

Definition: Indicates whether or not the ticket was exchanged (reissued or new ticket generated).

True = Ticket was exchanged

False = Ticket was not exchanged

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.41.2.10 ExchangedTicketNumber <XchgdTcktNb>

Presence: [0..1]

Definition: Contains the original ticket number that was replaced by the new ticket number.

Datatype: ["Max35Text" on page 2207](#)

47.1.8.41.2.11 RecordLocatorNumber <RcrdLctrNb>

Presence: [0..1]

Definition: Ticket record locator number.

Datatype: "Max35Text" on page 2207

47.1.8.41.2.12 Reservation <Rsvatn>

Presence: [0..1]

Definition: Reservation number or identifier.

Reservation <Rsvatn> contains the following **ReservationDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	System <Sys>	[0..1]	Text		1587
	ReservationNumber <RsvatnNb>	[0..1]	Text		1587
	OriginalSystem <OrgnlSys>	[0..1]	Text		1587
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1587

47.1.8.41.2.12.1 System <Sys>

Presence: [0..1]

Definition: Computerised reservation system used to make the reservation and purchase the ticket.

Datatype: "Max4Text" on page 2208

47.1.8.41.2.12.2 ReservationNumber <RsvatnNb>

Presence: [0..1]

Definition: Value that uniquely identifies the reservation.

Datatype: "Max35Text" on page 2207

47.1.8.41.2.12.3 OriginalSystem <OrgnlSys>

Presence: [0..1]

Definition: System code that identifies the original reservation system used to make the reservation and purchase the ticket.

Datatype: "Max4Text" on page 2208

47.1.8.41.2.12.4 OriginalReservationNumber <OrgnlRsvatnNb>

Presence: [0..1]

Definition: Value that identifies the original reservation generated during the original reservation and purchase of the ticket.

Datatype: "Max35Text" on page 2207

47.1.8.41.3 Document <Doc>

Presence: [0..*]

Definition: Provides the document type and reference information.

Document <Doc> contains the following **DocumentReference1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1588
	Reference <Ref>	[0..1]	Text		1588

47.1.8.41.3.1 Type <Tp>

Presence: [0..1]

Definition: Describes the type of document.

Datatype: "Max35Text" on page 2207

47.1.8.41.3.2 Reference <Ref>

Presence: [0..1]

Definition: Reference is a free-form text field containing customer reference information (for example, a document number).

Datatype: "Max70Text" on page 2209

47.1.8.41.4 ProcedureReference <PrcdrRef>

Presence: [0..1]

Definition: Contains identification of the rail server procedure or the order in which service was booked or cancellation was done.

Datatype: "Max35Text" on page 2207

47.1.8.41.5 TransportType <TrnsprtTp>

Presence: [0..1]

Definition: Type of transportation.

Datatype: "TransportType1Code" on page 2189

CodeName	Name	Definition
AIRR	Air	Air
BUSS	Bus	Bus
OTHN	OtherNational	Other National
OTHP	OtherPrivate	Other Private
RAIL	Rail	Rail
SHIP	Ship	Ship

47.1.8.41.6 OtherTransportType <OthrTrnsprtTp>

Presence: [0..1]

Definition: Other type of transportation.

Datatype: "Max35Text" on page 2207

47.1.8.41.7 CommodityCode <CmmdtyCd>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max4Text" on page 2208

47.1.8.41.8 Carrier <Crrier>

Presence: [0..1]

Definition: Identification of transportation carrier.

Carrier <Crrier> contains the following **CarrierIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1589
	Code <Cd>	[0..1]	Text		1589
	IATACode <IATACd>	[0..1]	Text		1589

47.1.8.41.8.1 Name <Nm>

Presence: [0..1]

Definition: Name of the transportation carrier.

Datatype: "Max70Text" on page 2209

47.1.8.41.8.2 Code <Cd>

Presence: [0..1]

Definition: Identifies the operator (company providing service).

Datatype: "Max35Text" on page 2207

47.1.8.41.8.3 IATACode <IATACd>

Presence: [0..1]

Definition: Contains the International Air Transport Association (IATA) code identifying the company that purchased the ticket.

Datatype: "Max35Text" on page 2207

47.1.8.41.9 RouteNumber <RouteNb>

Presence: [0..1]

Definition: Route number as specified by the transportation carrier (for example, flight number, bus number, train route or number, etc.)

Datatype: "Max35Text" on page 2207

47.1.8.41.10 ServiceClass <SvcClss>

Presence: [0..1]

Definition: Indicates the service class (for example, coach or first class).

Datatype: "Max35Text" on page 2207

47.1.8.41.11 Departure <Dprture>

Presence: [0..1]

Definition: Contains departure location, date and time.

Departure <Dprture> contains the following elements (see "[DepartureOrArrival1](#)" on page 1401 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1401
	Description <Desc>	[0..1]	Text		1402
	Date <Dt>	[0..1]	Date		1402
	Time <Tm>	[0..1]	Time		1402

47.1.8.41.12 Arrival <Arrvl>

Presence: [0..1]

Definition: Contains arrival location, date and time.

Arrival <Arrvl> contains the following elements (see "[DepartureOrArrival1](#)" on page 1401 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1401
	Description <Desc>	[0..1]	Text		1402
	Date <Dt>	[0..1]	Date		1402
	Time <Tm>	[0..1]	Time		1402

47.1.8.41.13 Duration <Drtn>

Presence: [0..1]

Definition: Duration of the trip.

Datatype: "[Max4NumericText](#)" on page 2208

47.1.8.41.14 StopOverIndicator <StopOverInd>

Presence: [0..1]

Definition: Indicator that specifies whether the mode of transportation was a direct or non-direct route on the same ticket number.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.8.41.15 NonDirectRouteCode <NonDrctRouteCd>

Presence: [0..1]

Definition: Indicates a non-direct route between the origin and the destination.

Datatype: "Max35Text" on page 2207

47.1.8.41.16 FairBasisCode <FairBsisCd>

Presence: [0..1]

Definition: Code that transportation companies assign to a particular ticket type, such as business class or discounted or non-refundable tickets.

Datatype: "Max35Text" on page 2207

47.1.8.41.17 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.41.18 TripLegAmount <TripLegAmt>

Presence: [0..*]

Definition: Contains trip leg amount information.

TripLegAmount <TripLegAmt> contains the following **AmountDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1591
	OtherType <OthrTp>	[0..1]	Text		1592
	Amount <Amt>	[1..1]	Amount		1592
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1592
	Tax <Tax>	[0..*]	±		1593

47.1.8.41.18.1 Type <Tp>

Presence: [0..1]

Definition: Code that describes the type of amount or fee.

Datatype: "TypeOfAmount20Code" on page 2190

CodeName	Name	Definition
AMTH	AuthorisedAmount	Transaction amount that has been authorised.
BAGG	Baggage	Baggage related fees
CARG	Cargo	Cargo Amount.
CHTC	ChargedToCard	Amount that has been charged to card account
CLUB	ClubFee	Amount for club fee.

CodeName	Name	Definition
DUTY	DutyFree	Duty free amount
EXTK	ExchangeTicket	Fee for exchanging a ticket (modifying an itinerary)
EXTF	ExchangeTicketFee	Fee for exchanging a ticket (modifying an itinerary)
EXTR	Extra	Extra charges (for example, minibar, etc.)
FARE	Fare	Amount of fare
FDBV	FoodBeverage	Amount of food and beverages
INSU	Insurance	Insurance charges
MISC	Miscellaneous	Miscellaneous charges not elsewhere defined
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.
PETC	PetCarrier	Pet carrier.
PHNE	Phone	Phone charges
PRPY	Prepayment	Amount of prepayment
TOTL	Total	Total amount of charges
TOUR	TourOrder	Tour order amount.
UPGD	Upgrade	Amount for an upgrade.
TKDL	TicketDelivery	Ticket delivery amount.

47.1.8.41.18.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Description of other type of amount or fee.

Datatype: "Max35Text" on page 2207

47.1.8.41.18.3 Amount <Amt>

Presence: [1..1]

Definition: Contains the amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.41.18.4 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.

CodeName	Name	Definition
DBIT	Debit	Operation is a decrease.

47.1.8.41.18.5 Tax <Tax>

Presence: [0..*]

Definition: Taxes related to the products or services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.41.19 CreditReasonCode <CdtRsnCd>

Presence: [0..1]

Definition: Indicates reason for the credit to the cardholder. Includes: ancillary purchase cancelled, passenger transport ticket and related ancillary purchase cancelled, etc.

Datatype: "Max35Text" on page 2207

47.1.8.41.20 ProcedureIdentification <PrcdRld>

Presence: [0..1]

Definition: Contains identification of the rail server procedure or the order in which the service was booked or a cancellation was completed.

Datatype: "Max35Text" on page 2207

47.1.8.41.21 LoyaltyProgramme <LltyPrgrmm>

Presence: [0..1]

Definition: Loyalty programme details.

LoyaltyProgramme <LityPrgrmm> contains the following elements (see "[LoyaltyProgramme2](#)" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeType <PrgrmmTp>	[0..1]	Text		1680
	ProgramIdentification <PrgmId>	[0..1]	Text		1681
	ParticipantIdentification <PtcptId>	[0..1]	Text		1681

47.1.8.41.22 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the transportation.

Datatype: "[Max350Text](#)" on page 2206

47.1.8.42 PassengerTransportSummary2

Definition: Passenger ticket summary information for the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentNumber <DocNb>	[0..1]	Text		1595
	Reservation <Rsvatn>	[0..1]			1595
	System <Sys>	[0..1]	Text		1596
	ReservationNumber <RsvatnNb>	[0..1]	Text		1596
	OriginalSystem <OrgnlSys>	[0..1]	Text		1596
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1596
	TravelAuthorisationCode <TrvlAuthstnCd>	[0..1]	Text		1596
	TicketIssuer <Tcktlssr>	[0..1]	Text		1596
	OpenTicketIndicator <OpnTcktlnd>	[0..1]	Indicator		1597
	CustomerReference <CstmrRef>	[0..*]			1597
	Identification <Id>	[0..1]	Text		1597
	Detail <Dtl>	[0..1]	Text		1597
	Passenger <Pssngr>	[0..*]	±		1597
	Departure <Dprtur>	[0..1]	±		1598
	Duration <Drtm>	[0..1]	Text		1598
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1598
	TotalAmount <TtlAmt>	[0..*]			1599
	Type <Tp>	[0..1]	CodeSet		1599
	OtherType <OthrTp>	[0..1]	Text		1600
	Amount <Amt>	[1..1]	Amount		1600
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1600
	Tax <Tax>	[0..*]	±		1600
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1601
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1601
	AdditionalData <AddtlData>	[0..1]	Text		1601

47.1.8.42.1 DocumentNumber <DocNb>

Presence: [0..1]

Definition: Unique identification number of the document.

Datatype: "Max35Text" on page 2207

47.1.8.42.2 Reservation <Rsvatn>

Presence: [0..1]

Definition: Reservation number or identifier.

Reservation <Rsvatn> contains the following **ReservationDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	System <Sys>	[0..1]	Text		1596
	ReservationNumber <RsvatnNb>	[0..1]	Text		1596
	OriginalSystem <OrgnlSys>	[0..1]	Text		1596
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1596

47.1.8.42.2.1 System <Sys>

Presence: [0..1]

Definition: Computerised reservation system used to make the reservation and purchase the ticket.

Datatype: "Max4Text" on page 2208

47.1.8.42.2.2 ReservationNumber <RsvatnNb>

Presence: [0..1]

Definition: Value that uniquely identifies the reservation.

Datatype: "Max35Text" on page 2207

47.1.8.42.2.3 OriginalSystem <OrgnlSys>

Presence: [0..1]

Definition: System code that identifies the original reservation system used to make the reservation and purchase the ticket.

Datatype: "Max4Text" on page 2208

47.1.8.42.2.4 OriginalReservationNumber <OrgnlRsvatnNb>

Presence: [0..1]

Definition: Value that identifies the original reservation generated during the original reservation and purchase of the ticket.

Datatype: "Max35Text" on page 2207

47.1.8.42.3 TravelAuthorisationCode <TrvlAuthstnCd>

Presence: [0..1]

Definition: Contains a code provided to a travel agent by a company to authorise ticket issuance.

Datatype: "Max70Text" on page 2209

47.1.8.42.4 TicketIssuer <Tcktlssr>

Presence: [0..1]

Definition: Name of the issuing ticket agent.

Datatype: "Max35Text" on page 2207

47.1.8.42.5 OpenTicketIndicator <OpnTcktInd>

Presence: [0..1]

Definition: Indicates whether or not the ticket is open or restricted.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.42.6 CustomerReference <CstmrRef>

Presence: [0..*]

Definition: Contains Customer Reference Values provided for this transaction and used for various reference processing at the customer site. These values represent information most prevalently provided by travel agencies for transactions booked against a lodged account or central travel account.

CustomerReference <CstmrRef> contains the following **CustomerReference1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1597
	Detail <Dtl>	[0..1]	Text		1597

47.1.8.42.6.1 Identification <Id>

Presence: [0..1]

Definition: Defines the content of the value provided in the Customer Reference detail.

Datatype: ["Max35Text" on page 2207](#)

47.1.8.42.6.2 Detail <Dtl>

Presence: [0..1]

Definition: Subfield is a free-form text field containing customer reference value details about the transaction.

Datatype: ["Max70Text" on page 2209](#)

47.1.8.42.7 Passenger <Pssngr>

Presence: [0..*]

Definition: Contains the details of the passenger.

Passenger <Pssngr> contains the following elements (see "[Customer8](#)" on page 1842 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1843
	Identification <Id>	[1..1]			1843
	Type <Tp>	[1..1]	Text		1843
	OtherType <OthrTp>	[0..1]	Text		1843
	Identification <Id>	[1..1]	Text		1844
	Assigner <Assgnr>	[0..1]	Text		1844
	CustomerFileReferenceNumber <CstmrFileRefNb>	[0..1]	Text		1844
	Age <Age>	[0..1]	Text		1844
	Address <Adr>	[0..1]	±		1844
	Contact <Ctct>	[0..1]	±		1845

47.1.8.42.8 Departure <Dprture>

Presence: [0..1]

Definition: Contains departure location, date and time.

Departure <Dprture> contains the following elements (see "[DepartureOrArrival1](#)" on page 1401 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1401
	Description <Desc>	[0..1]	Text		1402
	Date <Dt>	[0..1]	Date		1402
	Time <Tm>	[0..1]	Time		1402

47.1.8.42.9 Duration <Drtn>

Presence: [0..1]

Definition: Duration of the trip in days.

Datatype: "[Max4NumericText](#)" on page 2208

47.1.8.42.10 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.8.42.11 TotalAmount <TtlAmt>

Presence: [0..*]

Definition: Total amount.

TotalAmount <TtlAmt> contains the following **AmountDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1599
	OtherType <OthrTp>	[0..1]	Text		1600
	Amount <Amt>	[1..1]	Amount		1600
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1600
	Tax <Tax>	[0..*]	±		1600

47.1.8.42.11.1 Type <Tp>

Presence: [0..1]

Definition: Code that describes the type of amount or fee.

Datatype: "TypeOfAmount20Code" on page 2190

CodeName	Name	Definition
AMTH	AuthorisedAmount	Transaction amount that has been authorised.
BAGG	Baggage	Baggage related fees
CARG	Cargo	Cargo Amount.
CHTC	ChargedToCard	Amount that has been charged to card account
CLUB	ClubFee	Amount for club fee.
DUTY	DutyFree	Duty free amount
EXTK	ExchangeTicket	Fee for exchanging a ticket (modifying an itinerary)
EXTF	ExchangeTicketFee	Fee for exchanging a ticket (modifying an itinerary)
EXTR	Extra	Extra charges (for example, minibar, etc.)
FARE	Fare	Amount of fare
FDBV	FoodBeverage	Amount of food and beverages
INSU	Insurance	Insurance charges
MISC	Miscellaneous	Miscellaneous charges not elsewhere defined
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.

CodeName	Name	Definition
PETC	PetCarrier	Pet carrier.
PHNE	Phone	Phone charges
PRPY	Prepayment	Amount of prepayment
TOTL	Total	Total amount of charges
TOUR	TourOrder	Tour order amount.
UPGD	Upgrade	Amount for an upgrade.
TKDL	TicketDelivery	Ticket delivery amount.

47.1.8.42.11.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Description of other type of amount or fee.

Datatype: "Max35Text" on page 2207

47.1.8.42.11.3 Amount <Amt>

Presence: [1..1]

Definition: Contains the amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.42.11.4 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.8.42.11.5 Tax <Tax>

Presence: [0..*]

Definition: Taxes related to the products or services.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.42.12 SummaryCommodityIdentification <SummryCmmdtyId>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.42.13 LoyaltyProgramme <LltyPrgrmm>

Presence: [0..1]

Definition: Loyalty programme details.

LoyaltyProgramme <LltyPrgrmm> contains the following elements (see "LoyaltyProgramme2" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeType <PrgrmmTp>	[0..1]	Text		1680
	ProgramIdentification <PrgmId>	[0..1]	Text		1681
	ParticipantIdentification <PtcptId>	[0..1]	Text		1681

47.1.8.42.14 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Additional user-defined data pertaining to the transportation.

Datatype: "Max350Text" on page 2206

47.1.8.43 ShippingData2

Definition: Shipping or Courier Service delivery.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceNumber <InvNb>	[0..1]	Text		1602
	InvoiceCreationDateTime <InvCreDtTm>	[0..1]	DateTime		1602
	ServiceDescriptorCode <SvcDscrptrCd>	[0..1]	Text		1602
	IncentiveAmount <IncntivAmt>	[0..1]	Amount		1602
	MiscellaneousExpenses <MiscExpnss>	[0..1]	Amount		1602
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1603
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1603
	NetAmount <NetAmt>	[0..1]	Amount		1603
	Tax <Tax>	[0..*]	±		1603
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1603
	NumberOfPackages <NbOfPackgs>	[0..1]	Text		1604
	Package <Packg>	[0..*]	±		1604
	AdditionalData <AddtlData>	[0..1]	Text		1604

47.1.8.43.1 InvoiceNumber <InvNb>

Presence: [0..1]

Definition: Contains the invoice number.

Datatype: "Max70Text" on page 2209

47.1.8.43.2 InvoiceCreationDateTime <InvCreDtTm>

Presence: [0..1]

Definition: Contains the date and time the electronic invoice was created.

Datatype: "ISODateTime" on page 2196

47.1.8.43.3 ServiceDescriptorCode <SvcDscrptrCd>

Presence: [0..1]

Definition: Contains a card acceptor designated code for the shipping service provided.

Datatype: "Max40Text" on page 2208

47.1.8.43.4 IncentiveAmount <IncntivAmt>

Presence: [0..1]

Definition: Contains the amount of any incentives applied to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.43.5 MiscellaneousExpenses <MiscExpnss>

Presence: [0..1]

Definition: Contains the amount of any miscellaneous expenses applicable to the transaction.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.43.6 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.43.7 InsuranceAmount <InsrncAmt>

Presence: [0..1]

Definition: Amount of insurance.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.43.8 NetAmount <NetAmt>

Presence: [0..1]

Definition: Contains the net amount of shipping expenses.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.43.9 Tax <Tax>

Presence: [0..*]

Definition: Contains the total tax amount for the entire purchase.

Tax <Tax> contains the following elements (see "Tax39" on page 2091 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.8.43.10 SummaryCommodityIdentification <SummryCmmdtyId>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.43.11 NumberOfPackages <NbOfPackgs>

Presence: [0..1]

Definition: Contains the total number of packages being shipped or sent by the service provider.

Datatype: "Max6NumericText" on page 2209

47.1.8.43.12 Package <Packg>

Presence: [0..*]

Definition: Contains the details of the package being shipped.

Package <Packg> contains the following elements (see "ShippingPackage2" on page 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackingNumber <TrckgNb>	[0..1]	Text		1605
	Supplier <Spplr>	[0..1]	±		1605
	PickupDate <PckpDt>	[0..1]	Date		1606
	PickupTime <PckpTm>	[0..1]	Time		1606
	Delivery <Dlvry>	[0..1]	±		1606
	Weight <Wght>	[0..1]			1606
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1606
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1608
	NumberOfUnits <NbOfUnits>	[0..1]	Quantity		1608
	Product <Pdct>	[0..*]			1608
	ProductCode <PdctCd>	[0..1]	Text		1608
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1609
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1609
	InsuranceAmount <Insrnclnd>	[0..1]	Amount		1609

47.1.8.43.13 AdditionalData <AddtlData>

Presence: [0..1]

Definition: Contains additional shipping data.

Datatype: "Max350Text" on page 2206

47.1.8.44 ShippingPackage2

Definition: Contains the details of the package

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackingNumber <TrckgNb>	[0..1]	Text		1605
	Supplier <Spplr>	[0..1]	±		1605
	PickupDate <PckpDt>	[0..1]	Date		1606
	PickupTime <PckpTm>	[0..1]	Time		1606
	Delivery <Dlvry>	[0..1]	±		1606
	Weight <Wght>	[0..1]			1606
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1606
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1608
	NumberOfUnits <NbOfUnits>	[0..1]	Quantity		1608
	Product <Pdct>	[0..*]			1608
	ProductCode <PdctCd>	[0..1]	Text		1608
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1609
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1609
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1609

47.1.8.44.1 TrackingNumber <TrckgNb>

Presence: [0..1]

Definition: Contains the identification number for the packages being shipped and is also used for pickup number.

Datatype: "Max70Text" on page 2209

47.1.8.44.2 Supplier <Spplr>

Presence: [0..1]

Definition: Supplier or provider of the delivery services.

Supplier <Spplr> contains the following elements (see "PartyIdentification260" on page 1788 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1788
	Identification <Id>	[0..1]	±		1788
	Address <Adr>	[0..1]	±		1789
	Contact <Ctct>	[0..1]	±		1790
	Instructions <Instrs>	[0..1]	Text		1790

47.1.8.44.3 PickupDate <PckpDt>

Presence: [0..1]

Definition: Contains the date the package is picked up.

Datatype: "ISODate" on page 2196

47.1.8.44.4 PickupTime <PckpTm>

Presence: [0..1]

Definition: Contains the time the package is picked up.

Datatype: "ISOTime" on page 2211

47.1.8.44.5 Delivery <Dlvry>

Presence: [0..1]

Definition: Delivery information.

Delivery <Dlvry> contains the following elements (see "DeliveryInformation4" on page 1475 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1476
	Address <Adr>	[0..1]	±		1476
	Contact <Ctct>	[0..1]	±		1476
	Instructions <Instrs>	[0..1]	Text		1477
	Date <Dt>	[0..1]	Date		1477
	Time <Tm>	[0..1]	Time		1477

47.1.8.44.6 Weight <Wght>

Presence: [0..1]

Definition: Weight details.

Weight <Wght> contains the following **UnitOfMeasure2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1606
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1608
	NumberOfUnits <NbOfUnits>	[0..1]	Quantity		1608

47.1.8.44.6.1 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure of the item being shipped.

Datatype: "UnitOfMeasure1Code" on page 2192

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.

47.1.8.44.6.2 OtherUnitOfMeasure <OthrUnitOfMeasr>

Presence: [0..1]

Definition: Other unit of measure.

Datatype: "Max35Text" on page 2207

47.1.8.44.6.3 NumberOfUnits <NbOfUnits>

Presence: [0..1]

Definition: Number of units.

Datatype: "DecimalNumber" on page 2197

47.1.8.44.7 Product <Pdct>

Presence: [0..*]

Definition: Contains the product details.

Product <Pdct> contains the following **Product7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductCode <PdctCd>	[0..1]	Text		1608
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1609

47.1.8.44.7.1 ProductCode <PdctCd>

Presence: [0..1]

Definition: Product code of the item.

Datatype: "Max70Text" on page 2209

47.1.8.44.7.2 SummaryCommodityIdentification <SummryCmmdtyId>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.44.8 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.44.9 InsuranceAmount <InsrncAmt>

Presence: [0..1]

Definition: Amount of insurance.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.45 AddendumData3

Definition: Component contains data structures applicable to certain merchant verticals that require industry-specific data within transaction messages.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1610
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1611
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1611
	AdditionalAcceptorData <AddtlAccptrData>	[0..1]	±		1611
	Customer <Cstmr>	[0..1]	±		1612
	Sale <Sale>	[0..1]	±		1613
	Fleet <Fleet>	[0..1]	±		1613
	Invoice <Inv>	[0..1]	±		1613
	TravelAgency <TrvlAgcy>	[0..*]	±		1614
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1614
	VehicleRental <VhclRntl>	[0..*]	±		1614
	Lodging <Ldgg>	[0..*]	±		1615
	ShippingData <ShppgData>	[0..1]	±		1615
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1616
	TemporaryServices <TempSvcs>	[0..*]	±		1616
	Instalment <Instlmt>	[0..1]	±		1617
	AdditionalData <AddtlData>	[0..*]			1617
	Type <Tp>	[0..1]	Text		1618
	Value <Val>	[0..1]	Text		1618

47.1.8.45.1 PurchaseIdentifierType <PurchsldrTp>

Presence: [0..1]

Definition: Specifies the type of identifier present in the message.

Datatype: "PurchaseIdentifierType1Code" on page 2180

CodeName	Name	Definition
CONU	ContractNumber	Contract Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
FONU	FolioNumber	Folio Number
INNU	InvoiceNumber	Invoice Number
ORNU	OrderNumber	Order Number
OTHN	OtherNational	Other Purchase Identifier defined at a national level.

CodeName	Name	Definition
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
PRNU	PaymentReferenceNumber	Payment Reference Number
PUID	PurchaseIdentification	Purchase Identification
RELO	RecordLocator	Record Locator
REAG	RentalAgreement	Rental Agreement
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
SUOR	SupplierOrder	Supplier Order
TINU	TicketNumber	Ticket Number
TRNU	TrackingNumber	Tracking Number
SUIN	SupplierInvoice	Supplier Invoice
TNID	TransactionIdentification	Transaction Identification is a proprietary value provided by the card acceptor or acquirer to uniquely identify a given transaction.

47.1.8.45.2 OtherPurchaseIdentifierType <OthrPurchsldrTp>

Presence: [0..1]

Definition: Used when Purchase Identifier Type is Other National or Other Private.

Datatype: "Max35Text" on page 2207

47.1.8.45.3 PurchaseIdentifier <Purchsldr>

Presence: [0..1]

Definition: Contains a value identifying Invoice Data or Purchase Request Data.

Datatype: "Max99Text" on page 2210

47.1.8.45.4 AdditionalAcceptorData <AddtlAccptrData>

Presence: [0..1]

Definition: Contains additional card acceptor data.

AdditionalAcceptorData <AddtlAccptrData> contains the following elements (see "AdditionalAcceptorData1" on page 1775 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1776
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1776
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1777
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1777
	AdditionalIdentification <AddtlId>	[0..*]			1777
	Type <Tp>	[1..1]	CodeSet		1777
	OtherType <OthrTp>	[0..1]	Text		1778
	Value <Val>	[1..1]	Text		1778
	Characteristics <Chrtcs>	[0..1]			1778
	BusinessType <BizTp>	[0..1]			1778
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779
	Owner <Ownr>	[0..1]			1779
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779
	Certification <Certfctn>	[0..1]			1779
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780
	OwnerEthnicity <OwnrEthncty>	[0..1]			1780
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780
	AdditionalInformation <AddtlInf>	[0..1]	Text		1780

47.1.8.45.5 Customer <Cstmr>

Presence: [0..1]

Definition: Information about the customer.

Customer <Cstmr> contains the following elements (see "[Customer4](#)" on page 1854 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1854
	ReferenceNumber <RefNb>	[0..1]	Text		1854
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1854
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1855
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1855
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1855
	VIIndicator <VIInd>	[0..1]	Indicator		1855
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1855

47.1.8.45.6 Sale <Sale>

Presence: [0..1]

Definition: Details of good and services included in the sale.

Sale <Sale> contains the following elements (see "[Sale2](#)" on page 1424 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1425
	LinItem <LinItem>	[0..*]	±		1425

47.1.8.45.7 Fleet <Fleet>

Presence: [0..1]

Definition: Fleet data pertaining to the payment transaction.

Fleet <Fleet> contains the following elements (see "[FleetData4](#)" on page 1446 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1446
	LinItem <LinItem>	[0..*]	±		1450

47.1.8.45.8 Invoice <Invc>

Presence: [0..1]

Definition: Invoice data pertaining to the payment transaction.

Invoice <Invc> contains the following elements (see "[Invoice2](#)" on page 1525 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1525
	LinItem <LinItem>	[0..*]	±		1527

47.1.8.45.9 TravelAgency <TrvlAgcy>*Presence:* [0..*]

Definition: Component supports corporate transactions for travel agency, airline, or railway transactions. Acquirers may submit multiple occurrences of this component. Each occurrence provides detailed travel agency fee data associated with a travel agency, airline, or railway transaction.

TravelAgency <TrvlAgcy> contains the following elements (see "[TravelAgency3](#)" on page 1503 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Company <Cpny>	[0..1]	±		1503
	TravelPackage <TrvlPackg>	[0..*]	±		1503
	AdditionalData <AddtlData>	[0..1]	Text		1504

47.1.8.45.10 PassengerTransport <PssngrTrnsprt>*Presence:* [0..1]

Definition: Component supports ticketing transactions for airline, railway, and travel agency transactions to provide passenger ticket information for the cardholder.

PassengerTransport <PssngrTrnsprt> contains the following elements (see "[PassengerTransport2](#)" on page 1618 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1618
	TripLeg <TripLeg>	[0..*]	±		1619
	AncillaryPurchase <AncllryPurchs>	[0..*]	±		1621
	HiredVehicleDetails <HirdVhclDtls>	[0..*]	±		1622

47.1.8.45.11 VehicleRental <VhclRntl>*Presence:* [0..*]

Definition: Component provides detailed vehicle rental information. One occurrence of this component provides rental agreement data reporting for a single vehicle rental transaction.

VehicleRental <VhclRntl> contains the following elements (see "[VehicleRentalService2](#)" on page 1556 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	VehicleRentalCompany <VhclRntlCpny>	[0..1]	±		1556
	Customer <Cstmr>	[0..1]	±		1556
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1557
	RentalAgreement <RntlAgrmt>	[0..1]	±		1557
	RentalInvoice <RntlInvc>	[0..1]	±		1558
	AdditionalData <AddtlData>	[0..1]	Text		1559

47.1.8.45.12 Lodging <Ldgg>

Presence: [0..*]

Definition: Component provides detailed information about lodging accommodations and related expenses for the cardholder. Acquirers can submit multiple occurrences of this component for each lodging transaction, to provide details of one or more folios.

Lodging <Ldgg> contains the following elements (see "[Lodging3](#)" on page 1511 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1511
	LineItem <Lineitm>	[0..*]	±		1511

47.1.8.45.13 ShippingData <ShppgData>

Presence: [0..1]

Definition: Shipping or Courier Service detail component provides detailed information regarding delivery or courier services.

ShippingData <ShppgData> contains the following elements (see "[ShippingData2](#)" on page 1601 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceNumber <InvNb>	[0..1]	Text		1602
	InvoiceCreationDateTime <InvCreDtTm>	[0..1]	DateTime		1602
	ServiceDescriptorCode <SvcDscrptrCd>	[0..1]	Text		1602
	IncentiveAmount <IncntivAmt>	[0..1]	Amount		1602
	MiscellaneousExpenses <MiscExpnss>	[0..1]	Amount		1602
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1603
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1603
	NetAmount <NetAmt>	[0..1]	Amount		1603
	Tax <Tax>	[0..*]	±		1603
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1603
	NumberOfPackages <NbOfPackgs>	[0..1]	Text		1604
	Package <Packg>	[0..*]	±		1604
	AdditionalData <AddtlData>	[0..1]	Text		1604

47.1.8.45.14 TelecommunicationServices <TelecomSvcs>

Presence: [0..1]

Definition: Telecommunication services component is designed to carry telephony billing data and to enable issuers to supply more transaction information to their consumer and corporate clients pertaining to telecommunications services and related billing information.

TelecommunicationServices <TelecomSvcs> contains the following elements (see "[TelecomServices2](#)" on page 1440 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1441
	LineItem <LineItm>	[0..*]	±		1441

47.1.8.45.15 TemporaryServices <TempSvcs>

Presence: [0..*]

Definition: Temporary Services component provides detailed information regarding the billing for services rendered on a temporary or contract basis. The component provides information such as the employee job performed, timekeeping, and billing rates.

TemporaryServices <TempSvc> contains the following elements (see "TemporaryServices2" on page 1504 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContractingCompany <CtrctgCpny>	[0..1]	±		1505
	TemporaryEmployee <TempMplyee>	[0..1]	±		1505
	Job <Job>	[0..1]	±		1506
	FlatRateIndicator <FlatRateInd>	[0..1]	Indicator		1506
	DiscountAmount <DscntAmt>	[0..1]	Amount		1506
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1506
	Labor <Labr>	[0..1]			1507
	TimeSheetNumber <TmSheetNb>	[0..1]	Text		1507
	WeekEnding <WkEndg>	[0..1]	Text		1507
	Charge <Chrg>	[0..*]			1507
	Type <Tp>	[0..1]	CodeSet		1507
	OtherType <OthrTp>	[0..1]	Text		1508
	Rate <Rate>	[0..1]	Amount		1508
	Hours <Hrs>	[0..1]	Text		1508
	MiscellaneousExpenses <MiscExpnss>	[0..*]	±		1508
	SubtotalAmount <SbttlAmt>	[0..1]	Amount		1509
	Tax <Tax>	[0..*]	±		1509
	AdditionalData <AddtlData>	[0..1]	Text		1509

47.1.8.45.16 Instalment <Instlmt>

Presence: [0..1]

Definition: Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

Instalment <Instlmt> contains the following elements (see "Instalment4" on page 1574 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1574
	Plan <Plan>	[0..*]	±		1574

47.1.8.45.17 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data for the addendum.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1618
	Value <Val>	[0..1]	Text		1618

47.1.8.45.17.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.45.17.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.46 PassengerTransport2

Definition: Passenger ticket information for the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Summary <Summry>	[0..1]	±		1618
	TripLeg <TripLeg>	[0..*]	±		1619
	AncillaryPurchase <AncllryPurchs>	[0..*]	±		1621
	HiredVehicleDetails <HirdVhclDtls>	[0..*]	±		1622

47.1.8.46.1 Summary <Summry>

Presence: [0..1]

Definition: Component supports ticketing transactions for airline, railway, and travel agency transactions to provide passenger ticket information for the cardholder. Acquirers can submit one occurrence of this component for each airline, railway, or travel agency transaction to provide general ticket information.

Summary <Summry> contains the following elements (see "PassengerTransportSummary2" on page 1594 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentNumber <DocNb>	[0..1]	Text		1595
	Reservation <Rsvatn>	[0..1]			1595
	System <Sys>	[0..1]	Text		1596
	ReservationNumber <RsvatnNb>	[0..1]	Text		1596
	OriginalSystem <OrgnlSys>	[0..1]	Text		1596
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1596
	TravelAuthorisationCode <TrvlAuthstnCd>	[0..1]	Text		1596
	TicketIssuer <Tcktlssr>	[0..1]	Text		1596
	OpenTicketIndicator <OpnTcktlnd>	[0..1]	Indicator		1597
	CustomerReference <CstmrRef>	[0..*]			1597
	Identification <Id>	[0..1]	Text		1597
	Detail <Dtl>	[0..1]	Text		1597
	Passenger <Pssngr>	[0..*]	±		1597
	Departure <Dprturt>	[0..1]	±		1598
	Duration <Drtn>	[0..1]	Text		1598
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1598
	TotalAmount <TtlAmt>	[0..*]			1599
	Type <Tp>	[0..1]	CodeSet		1599
	OtherType <OthrTp>	[0..1]	Text		1600
	Amount <Amt>	[1..1]	Amount		1600
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1600
	Tax <Tax>	[0..*]	±		1600
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1601
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1601
	AdditionalData <AddtlData>	[0..1]	Text		1601

47.1.8.46.2 TripLeg <TripLeg>

Presence: [0..*]

Definition: Component supports ticketing transactions for airline, railway, and travel agency transactions to provide passenger ticket information for the cardholder. Acquirers can submit multiple occurrences of this component for each airline, railway, or travel agency transaction to provide general ticket information.

TripLeg <TripLeg> contains the following elements (see "TripLeg2" on page 1581 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SequenceNumber <SeqNb>	[0..1]	Text		1583
	Ticket <Tckt>	[0..1]			1583
	TicketNumber <TcktNb>	[0..1]	Text		1584
	TicketIssuer <TcktIssr>	[0..1]	±		1584
	TicketIssueDate <TcktIssDt>	[0..1]	Date		1585
	TicketIssueLocation <TcktIssLctn>	[0..1]	Text		1585
	ConjunctionTicketNumber <CnjctnTcktNb>	[0..1]	Text		1585
	RestrictedTicketIndicator <RstrctdTcktInd>	[0..1]	Indicator		1585
	OpenTicketIndicator <OpnTcktInd>	[0..1]	Indicator		1586
	Restrictions <Rstrctns>	[0..1]	Text		1586
	ExchangedTicketIndicator <XchgdTcktInd>	[0..1]	Indicator		1586
	ExchangedTicketNumber <XchgdTcktNb>	[0..1]	Text		1586
	RecordLocatorNumber <RcrdLctrNb>	[0..1]	Text		1587
	Reservation <Rsvatn>	[0..1]			1587
	System <Sys>	[0..1]	Text		1587
	ReservationNumber <RsvatnNb>	[0..1]	Text		1587
	OriginalSystem <OrgnlSys>	[0..1]	Text		1587
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1587
	Document <Doc>	[0..*]			1587
	Type <Tp>	[0..1]	Text		1588
	Reference <Ref>	[0..1]	Text		1588
	ProcedureReference <PrcdrRef>	[0..1]	Text		1588
	TransportType <TrnsprtTp>	[0..1]	CodeSet		1588
	OtherTransportType <OthrTrnsprtTp>	[0..1]	Text		1588
	CommodityCode <CmmdtyCd>	[0..1]	Text		1589
	Carrier <Crrier>	[0..1]			1589
	Name <Nm>	[0..1]	Text		1589
	Code <Cd>	[0..1]	Text		1589
	IATACode <IATACd>	[0..1]	Text		1589
	RouteNumber <RouteNb>	[0..1]	Text		1589
	ServiceClass <SvcClss>	[0..1]	Text		1589

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Departure <Dprture>	[0..1]	±		1590
	Arrival <Arrvl>	[0..1]	±		1590
	Duration <Drtn>	[0..1]	Text		1590
	StopOverIndicator <StopOverInd>	[0..1]	Indicator		1590
	NonDirectRouteCode <NonDrctRouteCd>	[0..1]	Text		1590
	FairBasisCode <FairBsisCd>	[0..1]	Text		1591
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1591
	TripLegAmount <TripLegAmt>	[0..*]			1591
	Type <Tp>	[0..1]	CodeSet		1591
	OtherType <OthrTp>	[0..1]	Text		1592
	Amount <Amt>	[1..1]	Amount		1592
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1592
	Tax <Tax>	[0..*]	±		1593
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1593
	ProcedureIdentification <PrcdrId>	[0..1]	Text		1593
	LoyaltyProgramme <LltyPrgrmm>	[0..1]	±		1593
	AdditionalData <AddtlData>	[0..1]	Text		1594

47.1.8.46.3 AncillaryPurchase <AncllryPurchs>

Presence: [0..*]

Definition: Contains additional charges related to or during transit (for example, baggage fee, in-flight purchase). These are separate from the original ticket purchase.

AncillaryPurchase <AncllryPurchs> contains the following elements (see "[AncillaryPurchase2](#)" on page 1570 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AncillaryDocumentNumber <AncllryDocNb>	[0..1]	Text		1571
	RelatedDocumentNumber <RltdDocNb>	[0..1]	Text		1571
	ServiceCategoryCode <SvcCtgyCd>	[0..1]	Text		1571
	ServiceSubCategoryCode <SvcSubCtgyCd>	[0..1]	Text		1571
	ServiceProviderServiceType <SvcPrvdrSvcTp>	[0..1]	Text		1571
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1572
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1572
	Amount <Amt>	[0..1]	±		1572
	Fee <Fee>	[0..1]	Amount		1572
	Tax <Tax>	[0..*]	±		1572
	AdditionalData <AddtlData>	[0..1]	Text		1573

47.1.8.46.4 HiredVehicleDetails <HirdVhclDtls>

Presence: [0..*]

Definition: Vehicle for hire for passenger transport - excludes vehicles driven by a renter. Examples include, but are not limited to, taxi, chauffeured limousine, boats.

HiredVehicleDetails <HirdVhclDtls> contains the following elements (see "[HiredVehicle2](#)" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompanyType <CpnyTp>	[0..1]	Text		1623
	CompanyName <CpnyNm>	[0..1]	Text		1623
	TypeOfVehicle <TpOfVhcl>	[0..1]	Text		1623
	VehicleIdentification <VhclId>	[0..1]	Text		1623
	DriverIdentification <DrvrId>	[0..1]	Text		1623
	DriverTaxIdentification <DrvrTaxId>	[0..1]	Text		1623
	Destination <Dstrn>	[0..1]			1624
	NameAndLocation <NmAndLctn>	[0..1]	Text		1624
	Address <Adr>	[0..1]	±		1624

47.1.8.47 HiredVehicle2

Definition: Vehicle for hire for passenger transport - excludes vehicles driven by a renter. Examples include, but are not limited to, taxi, chauffeured limousine, boats.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompanyType <CpnyTp>	[0..1]	Text		1623
	CompanyName <CpnyNm>	[0..1]	Text		1623
	TypeOfVehicle <TpOfVhcl>	[0..1]	Text		1623
	VehicleIdentification <VhclId>	[0..1]	Text		1623
	DriverIdentification <DrvrId>	[0..1]	Text		1623
	DriverTaxIdentification <DrvrTaxId>	[0..1]	Text		1623
	Destination <Dstn>	[0..1]			1624
	NameAndLocation <NmAndLctn>	[0..1]	Text		1624
	Address <Adr>	[0..1]	±		1624

47.1.8.47.1 CompanyType <CpnyTp>*Presence:* [0..1]*Definition:* Defines the type of company or vehicle being hired (for example, private, taxi, chauffeur service, rideshare).*Datatype:* "Max35Text" on page 2207**47.1.8.47.2 CompanyName <CpnyNm>***Presence:* [0..1]*Definition:* Contains the name of the company that provided the hired vehicle services.*Datatype:* "Max70Text" on page 2209**47.1.8.47.3 TypeOfVehicle <TpOfVhcl>***Presence:* [0..1]*Definition:* Contains the type of vehicle that was hired (for example, limousine, black, SUV).*Datatype:* "Max35Text" on page 2207**47.1.8.47.4 VehicleIdentification <VhclId>***Presence:* [0..1]*Definition:* Contains the identifier assigned to the vehicle.*Datatype:* "Max35Text" on page 2207**47.1.8.47.5 DriverIdentification <DrvrId>***Presence:* [0..1]*Definition:* Contains the identifier assigned to the driver.*Datatype:* "Max35Text" on page 2207**47.1.8.47.6 DriverTaxIdentification <DrvrTaxId>***Presence:* [0..1]

Definition: Contains the tax identifier assigned to the driver.

Datatype: "Max35Text" on page 2207

47.1.8.47.7 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the hired vehicle.

Destination <Dstn> contains the following **Destination3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NameAndLocation <NmAndLctn>	[0..1]	Text		1624
	Address <Adr>	[0..1]	±		1624

47.1.8.47.7.1 NameAndLocation <NmAndLctn>

Presence: [0..1]

Definition: Name and location of the destination. May only contain the name if the location is specified elsewhere.

Datatype: "Max99Text" on page 2210

47.1.8.47.7.2 Address <Adr>

Presence: [0..1]

Definition: Specific address of the destination.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.8.48 Context12

Definition: Context in which the card payment transaction is performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PointOfServiceContext <PtOfSvcCntxt>	[0..1]	±		1625
	TransactionContext <TxCntxt>	[1..1]	±		1627
	Verification <Vrfctn>	[0..*]	±		1629
	RiskContext <RskCntxt>	[0..1]	±		1630
	SaleContext <SaleCntxt>	[0..1]	±		1630

47.1.8.48.1 PointOfServiceContext <PtOfSvcCntxt>

Presence: [0..1]

Definition: Context of the card payment transaction at the point of service.

PointOfServiceContext <PtOfSvcCntxt> contains the following elements (see "PointOfServiceContext3" on page 1877 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

47.1.8.48.2 TransactionContext <TxCntxt>

Presence: [1..1]

Definition: Context of the card payment transaction.

TransactionContext <TxCntxt> contains the following elements (see "TransactionContext7" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShipmntInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutglnd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApplInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

47.1.8.48.3 Verification <Vrfctn>

Presence: [0..*]

Definition: Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Verification <Vrfctn> contains the following elements (see "Verification4" on page 2106 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2106
	OtherType <OthrTp>	[0..1]	Text		2107
	SubType <SubTp>	[0..1]	Text		2107
	AdditionalInformation <AddtlInf>	[0..1]	Text		2107
	VerificationResult <VrfctnRslt>	[0..*]	±		2107

47.1.8.48.4 RiskContext <RskCntxt>*Presence:* [0..1]*Definition:* Context of risk associated with the transaction.**RiskContext <RskCntxt>** contains the following elements (see "[RiskContext2](#)" on page 1933 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

47.1.8.48.5 SaleContext <SaleCntxt>*Presence:* [0..1]*Definition:* Context of the sale associated with the card payment transaction.**SaleContext <SaleCntxt>** contains the following elements (see "[SaleContext8](#)" on page 1402 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SaleIdentification <SaleId>	[0..1]	Text		1403
	SaleReferenceIdentification <SaleRefId>	[0..1]	Text		1403
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1403
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1404
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1405
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1405
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1405
	SplitPaymentIndicator <SpltpmtInd>	[0..1]	Indicator		1405
	ReceiptRequestIndicator <RctReqInd>	[0..1]	Indicator		1405
	ReceiptType <RctTp>	[0..*]	CodeSet		1406
	ReceiptDestination <RctDstn>	[0..1]	Text		1406
	AdditionalData <AddtlData>	[0..*]			1406
	Type <Tp>	[0..1]	Text		1406
	Value <Val>	[0..1]	Text		1407

47.1.8.49 TransactionContext7

Definition: Context of the card payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1633
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1633
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1633
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1634
	PINEntryBypassIndicator <PINNtryBpssInd>	[0..1]	Indicator		1634
	ICCFallbackIndicator <ICCFllbckInd>	[0..1]	Indicator		1634
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1634
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1635
	MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>	[0..1]	Indicator		1635
	LatePresentmentIndicator <LatePresntmntInd>	[0..1]	Indicator		1635
	FinalAuthorisationIndicator <FnlAuthstnInd>	[0..1]	Indicator		1635
	DeferredDeliveryIndicator <DfrrdDlvryInd>	[0..1]	Indicator		1636
	PartialShipmentIndicator <PrtlShpmtInd>	[0..1]	Indicator		1636
	DelayedChargesIndicator <DelydChrgsInd>	[0..1]	Indicator		1636
	NoShowIndicator <NoShowInd>	[0..1]	Indicator		1636
	ReauthorisationIndicator <ReauthstnInd>	[0..1]	Indicator		1636
	ReSubmissionIndicator <ReSubmissnInd>	[0..1]	Indicator		1637
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1637
	AuthenticationOutageIndicator <AuthntcnOutgInd>	[0..1]	Indicator		1637
	CardProgramme <CardPrgrmm>	[0..1]	±		1637
	Jurisdiction <Jursdctn>	[0..1]			1638
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1638
	SettlementService <SttlmSvc>	[0..1]	±		1638
	Reconciliation <Rcncltn>	[0..1]	±		1639
	ExchangeRateInformation <XchgRateInf>	[0..*]			1640
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <ApldInd>	[0..1]	Indicator		1644
	CaptureDate <CaptrDt>	[0..1]	Date		1644
	DateAnticipated <DtAntcptd>	[0..1]	Date		1644
	AdditionalData <AddtlData>	[0..*]			1645
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

47.1.8.49.1 MerchantCategoryCode <MrchntCtgyCd>

Presence: [1..1]

Definition: Category code related to the type of services or goods the merchant provides for the transaction in accordance with ISO 18245.

Datatype: "ISO18245MerchantCategoryCode" on page 2155

47.1.8.49.2 MerchantCategorySpecificData <MrchntCtgySpfcData>

Presence: [0..1]

Definition: Further details about the merchant that is used in with the merchant category code (MCC) for the particular purchase.

Datatype: "Max35Text" on page 2207

47.1.8.49.3 CustomerConsent <CstmrCnsnt>

Presence: [0..1]

Definition: Notifies the express consent of the customer for a given service (used in DCC, funds transfers, money lending, etc.).

True: Explicit customer consent obtained

False: Implicit customer consent obtained

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.8.49.4 PINPadInoperative <PINPadInprtv>

Presence: [0..1]

Definition: PIN pad is inoperative.

Default: False - PIN pad is operative or not applicable.

True: PIN pas is inoperative.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.8.49.5 PINEntryBypassIndicator <PINNtryBpssInd>

Presence: [0..1]

Definition: Indicate the PIN entry bypass.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.8.49.6 ICCFallbackIndicator <ICCFilbckInd>

Presence: [0..1]

Definition: Indicates a chip data fallback.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.8.49.7 ICCFallbackReasonCode <ICCFilbckRsnCd>

Presence: [0..1]

Definition: A code that provides the reason of ICC fallback.

Datatype: ["ICCFallbackReason1Code"](#) on page 2153

CodeName	Name	Definition
CIIA	ChoosingIncorrectICApplication	Choosing incorrect IC application.

CodeName	Name	Definition
EDIP	ErrorDuringICAppProcessing.	Error during IC app processing.
OTHN	OtherNational	Other ICC fallback reason defined at national level.
OTHP	OtherPrivate	Other ICC fallback reason defined at private level.
TERI	TerminalErrorReadingICData	Terminal error reading IC data.

47.1.8.49.8 OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>

Presence: [0..1]

Definition: Other ICC fallback reason code defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.8.49.9 MagneticStripeFallbackIndicator <MgntcStrpFllbckInd>

Presence: [0..1]

Definition: Indicates a magnetic stripe fallback.

True: Fallback

False: No fallback

Default: False

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.49.10 LatePresentmentIndicator <LatePresntmntInd>

Presence: [0..1]

Definition: Indicates a late presentment as defined by each specific implementation.

True: Transaction was presented late

False: Transaction was not presented late

Default: False

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.49.11 FinalAuthorisationIndicator <FnlAuthstnInd>

Presence: [0..1]

Definition: Identifies final authorisation messages for the purpose of managing open-to buy or available balance.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.49.12 DeferredDeliveryIndicator <DfrrdDlvryInd>

Presence: [0..1]

Definition: Indicates a deferred delivery as defined by each specific implementation.

True: deferred delivery.

False: Delivery is not identified as deferred.

Default: False.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.49.13 PartialShipmentIndicator <PrtlShipmntInd>

Presence: [0..1]

Definition: Indicates the partial shipment.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.49.14 DelayedChargesIndicator <DelydChrgsInd>

Presence: [0..1]

Definition: Indicates a delayed charge.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.49.15 NoShowIndicator <NoShowInd>

Presence: [0..1]

Definition: Indicates that the cardholder failed to arrive at the property and was therefore charged a no-show fee; property was not actually rented.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.49.16 ReauthorisationIndicator <ReauthstnInd>

Presence: [0..1]

Definition: Indicates a reauthorisation.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.49.17 ReSubmissionIndicator <ReSubmissnInd>

Presence: [0..1]

Definition: Indicates a resubmission.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.49.18 TransactionInitiator <TxInitr>

Presence: [0..1]

Definition: Identifies the transaction initiator.

Datatype: "TransactionInitiator1Code" on page 2189

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

47.1.8.49.19 AuthenticationOutageIndicator <AuthntcnOutgInd>

Presence: [0..1]

Definition: Indicates that the consumer authentication process is temporarily unavailable in the acceptance, acquirer or agent environment for this request. It does not indicate an outage in the issuer processing domain (including agents acting on behalf of the issuer).

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.49.20 CardProgramme <CardPrgrmm>

Presence: [0..1]

Definition: Card programme or brand related to the transaction.

CardProgramme <CardPrgrmm> contains the following elements (see "[CardProgramme2](#)" on page 1382 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardProgrammeProposed <CardPrgrmmPropsd>	[0..*]			1382
	Type <Tp>	[0..1]	Text		1382
	Identification <Id>	[1..*]	Text		1382
	CardProgrammeApplied <CardPrgrmmApld>	[0..1]	±		1382

47.1.8.49.21 Jurisdiction <Jursdctn>

Presence: [0..1]

Definition: Contains information that identifies or is specific to a transaction jurisdiction.

Jurisdiction <Jursdctn> contains the following **Jurisdiction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1638
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1638

47.1.8.49.21.1 DomesticIndicator <DmstInd>

Presence: [0..1]

Definition: When true, indicates the transaction is considered to be domestic.

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.8.49.21.2 DomesticQualification <DmstQlfctn>

Presence: [0..1]

Definition: Identifies the reason the transaction is considered to be domestic or non-domestic.

Datatype: "[Max35Text](#)" on page 2207

47.1.8.49.22 SettlementService <SttlmSvc>

Presence: [0..1]

Definition: Type of settlement service for specific services requiring settlement.

SettlementService <SttlmSvc> contains the following elements (see "SettlementService3" on page 2012 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceProposed <SttlmSvcPropsd>	[0..1]			2013
	Type <Tp>	[0..1]	Text		2014
	Identification <Id>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2014
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2014
	Type <Tp>	[0..1]	Text		2015
	Identification <Id>	[0..1]	Text		2015
	ShortName <ShrtNm>	[0..1]	Text		2015
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2015
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2015
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2016
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2016
	SettlementDate <SttlmDt>	[0..1]	Date		2016
	SettlementTime <SttlmTm>	[0..1]	Time		2016
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2016
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2016
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2017
	Type <Tp>	[0..1]	Text		2017
	Identification <Id>	[0..1]	Text		2017
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2017
	Type <Tp>	[0..1]	Text		2017
	Value <Val>	[0..1]	Text		2017

47.1.8.49.23 Reconciliation <Rcncltn>

Presence: [0..1]

Definition: Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

Reconciliation <Rcncltn> contains the following elements (see "Reconciliation3" on page 1896 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

47.1.8.49.24 ExchangeRateInformation <XchgRateInf>

Presence: [0..*]

Definition: Further detailed information on the exchange rates that have been used in or are related to the transaction.

ExchangeRateInformation <XchgRateInf> contains the following **ExchangeRateInformation2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1640
	Identification <Id>	[0..1]	Text		1641
	Date <Dt>	[0..1]	Date		1641
	Time <Tm>	[0..1]	Time		1641
	ExchangeRateDetail <XchgRateDtl>	[0..1]			1641
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643
	RateLock <RateLck>	[0..1]			1643
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <AppldInd>	[0..1]	Indicator		1644

47.1.8.49.24.1 Provider <Prvdr>

Presence: [0..1]

Definition: Identifies the source of the rate information.

Datatype: "Max70Text" on page 2209

47.1.8.49.24.2 Identification <Id>

Presence: [0..1]

Definition: Identification of the specific rate, table or file that contains the rate information.

Datatype: "Max70Text" on page 2209

47.1.8.49.24.3 Date <Dt>

Presence: [0..1]

Definition: The date the exchange rate data is effective.

Datatype: "ISODate" on page 2196

47.1.8.49.24.4 Time <Tm>

Presence: [0..1]

Definition: The time the exchange rate data is effective.

Datatype: "ISOTime" on page 2211

47.1.8.49.24.5 ExchangeRateDetail <XchgRateDtl>

Presence: [0..1]

Definition: Details of a specific exchange rate

ExchangeRateDetail <XchgRateDtl> contains the following **ExchangeRateDetail1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EndPoint <EndPt>	[0..1]	CodeSet		1641
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1642
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1642
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1642
	Rate <Rate>	[0..1]	Rate		1642
	RateType <RateTp>	[0..1]	CodeSet		1642
	OtherRateType <OthrRateTp>	[0..1]	Text		1643
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1643
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1643

47.1.8.49.24.5.1 EndPoint <EndPt>

Presence: [0..1]

Definition: Identifies the party to which this detail applies.

Datatype: "Endpoint1Code" on page 2145

CodeName	Name	Definition
DEST	Destination	Destination
ORIG	Origination	Origination
OTHP	OtherPrivate	Type specified at a private level.
OTHN	OtherNational	Type specified at the national level.

47.1.8.49.24.5.2 OtherEndPoint <OthrEndPt>

Presence: [0..1]

Definition: Other nationally or privately defined endpoint.

Datatype: "Max35Text" on page 2207

47.1.8.49.24.5.3 CounterCurrencyCode <CntrCcyCd>

Presence: [0..1]

Definition: Identifies the counter currency used for currency conversion for the transaction party.

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.8.49.24.5.4 BaseCurrencyCode <BaseCcyCd>

Presence: [0..1]

Definition: Identifies the base currency used for currency conversion for the transaction party.

Impacted by: C2 "ValidationByTable"

Datatype: "ISO3NumericCurrencyCode" on page 2156

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.1.8.49.24.5.5 Rate <Rate>

Presence: [0..1]

Definition: Contains the exchange rate.

Datatype: "BaseOne25Rate" on page 2199

47.1.8.49.24.5.6 RateType <RateTp>

Presence: [0..1]

Definition: Identifies the type of rate.

Datatype: "ExchangeRateType2Code" on page 2146

CodeName	Name	Definition
SELL	Sell	Exchange rate is the Sell rate.
OTHP	OtherPrivate	Exchange rate type is privately defined.
OTHN	OtherNational	Exchange rate type that is defined at the National level.
MIDL	Middle	Exchange rate is the Middle rate.
BUYR	Buy	Exchange rate is the Buy rate.
AGRD	Agreed	Exchange rate applied is the rate agreed between the parties.

47.1.8.49.24.5.7 OtherRateType <OthrRateTp>

Presence: [0..1]

Definition: Other type of rate defined privately or at national level.

Datatype: "Max35Text" on page 2207

47.1.8.49.24.5.8 AgreementType <AgrmtTp>

Presence: [0..1]

Definition: Type of exchange rate agreement.

Datatype: "ExchangeRateAgreementType1Code" on page 2145

CodeName	Name	Definition
FWCT	ForwardContract	Forward contract exchange rate type.
NORM	Normal	Normal exchange rate agreement type.
OTHN	OtherNational	Other exchange rate agreement type defined at national level.
OTHP	OtherPrivate	Other exchange rate agreement type that is privately defined.
SPOT	Spot	Spot agreement exchange rate type.

47.1.8.49.24.5.9 OtherAgreementType <OthrAgrmtTp>

Presence: [0..1]

Definition: Other type of exchange rate agreement.

Datatype: "Max35Text" on page 2207

47.1.8.49.24.6 RateLock <RateLck>

Presence: [0..1]

Definition: Rate lock details.

RateLock <RateLck> contains the following **RateLock1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedIndicator <ReqdInd>	[0..1]	Indicator		1644
	EligibleIndicator <ElgblInd>	[0..1]	Indicator		1644
	AppliedIndicator <AppldInd>	[0..1]	Indicator		1644

47.1.8.49.24.6.1 RequestedIndicator <ReqdInd>

Presence: [0..1]

Definition: Indicates if a rate lock is or was requested.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.49.24.6.2 EligibleIndicator <ElgblInd>

Presence: [0..1]

Definition: Indicates if the transaction is rate lock eligible.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.49.24.6.3 AppliedIndicator <AppldInd>

Presence: [0..1]

Definition: Indicates if a rate lock was applied.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.49.25 CaptureDate <CaptrDt>

Presence: [0..1]

Definition: Date the transaction was completed and captured.

ISO 8583 bit 17

Datatype: ["ISODate" on page 2196](#)

47.1.8.49.26 DateAnticipated <DtAntcptd>

Presence: [0..1]

Definition: The date on which the sale or purchase is expected to occur.

Datatype: ["ISODate" on page 2196](#)

47.1.8.49.27 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional transaction context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1645
	Value <Val>	[0..1]	Text		1645

47.1.8.49.27.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.49.27.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.50 Transaction147

Definition: Contains transaction details.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1646
	TransactionSubType <TxSubTp>	[0..1]	Text		1647
	TransactionAttribute <TxAttr>	[0..1]	CodeSet		1647
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1648
	MessageReason <MsgRsn>	[0..*]	CodeSet		1648
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1648
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1648
	AdditionalService <AddtlSvc>	[0..*]	±		1648
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1649
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1649
	TransactionIdentification <TxId>	[0..1]	±		1649
	DisputeData <DsptData>	[0..*]	±		1650
	TransactionAmounts <TxAmts>	[0..1]	±		1651
	AdditionalAmount <AddtlAmt>	[0..*]	±		1651
	AdditionalFee <AddtlFee>	[0..*]	±		1652
	OriginalAdditionalFee <OrgnlAddtlFee>	[0..*]	±		1652
	DepositDetails <DpstDtls>	[0..*]	±		1653
	FundsServices <FndsSvcs>	[0..1]	±		1653
	AccountFrom <AcctFr>	[0..1]	±		1654
	AccountTo <AcctTo>	[0..1]	±		1654
	TransactionDescription <TxDesc>	[0..1]	Text		1654
	AdditionalData <AddtlData>	[0..*]			1654
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

47.1.8.50.1 TransactionType <TxTp>

Presence: [0..1]

Definition: Type of transaction associated with the main service.

For valid values, see "Transaction type codes" in ISO 8583 "Financial transaction card originated messages - Interchange message specifications"

Datatype: "ISO8583TransactionTypeCode" on page 2157

47.1.8.50.2 TransactionSubType <TxSubTp>

Presence: [0..1]

Definition: Further breakdown of the transaction type being performed.

Datatype: "Max35Text" on page 2207

47.1.8.50.3 TransactionAttribute <TxAttr>

Presence: [0..1]

Definition: Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

Datatype: "TransactionAttribute2Code" on page 2188

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).

CodeName	Name	Definition
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

47.1.8.50.4 OtherTransactionAttribute <OthrTxAttr>

Presence: [0..1]

Definition: Other transaction attribute defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.8.50.5 MessageReason <MsgRsn>

Presence: [0..*]

Definition: Reason or purpose to send the message.

The ISO 8583 maintenance agency (MA) manages this code list.

Datatype: "ISO8583MessageReasonCode" on page 2157

47.1.8.50.6 AlternateMessageReason <AltrnMsgRsn>

Presence: [0..*]

Definition: Supports message reason codes that are not defined in external code list.

Datatype: "Max35Text" on page 2207

47.1.8.50.7 PreAuthorisationTimeLimit <PreAuthstnTmLmt>

Presence: [0..1]

Definition: Contains the period (expressed in minutes) within which a merchant is expected to complete the transaction.

Datatype: "Max6NumericText" on page 2209

47.1.8.50.8 AdditionalService <AddtlSvc>

Presence: [0..*]

Definition: Additional functions or services to be performed in conjunction with the transaction.

AdditionalService <AddtlSvc> contains the following elements (see ["AdditionalService2"](#) on page 1568 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1569
	OtherType <OthrTp>	[0..1]	Text		1569
	Result <Rslt>	[0..1]	CodeSet		1569
	OtherResult <OthrRslt>	[0..1]	Text		1570
	ServiceDetail <SvcDtl>	[0..*]			1570
	Type <Tp>	[0..1]	Text		1570
	Value <Val>	[0..1]	Text		1570

47.1.8.50.9 AssociatedDataReference <AssoctdDataRef>

Presence: [0..1]

Definition: Reference to additional transaction details to be conveyed separately from this message.

Datatype: ["Max70Text"](#) on page 2209

47.1.8.50.10 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

Presence: [0..*]

Definition: Data to qualify for incentive or other related programmes.

SpecialProgrammeQualification <SpclPrgrmmQlfctn> contains the following elements (see ["SpecialProgrammeQualification1"](#) on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

47.1.8.50.11 TransactionIdentification <Txld>

Presence: [0..1]

Definition: Identification of the transaction.

TransactionIdentification <TxId> contains the following elements (see "TransactionIdentification18" on page 1907 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

47.1.8.50.12 DisputeData <DsptData>

Presence: [0..*]

Definition: Information about the dispute.

DisputeData <DsptData> contains the following elements (see "DisputeData3" on page 1693 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

47.1.8.50.13 TransactionAmounts <TxAmts>

Presence: [0..1]

Definition: Amounts of the card transaction.

TransactionAmounts <TxAmts> contains the following elements (see "TransactionAmounts2" on page 1362 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1362
	TransactionAmount <TxAmt>	[1..1]	±		1363
	CardholderBillingAmount <CrhdldrBllgAmt>	[0..1]	±		1363
	ReconciliationAmount <RcncltnAmt>	[0..1]	±		1363
	DetailedAmount <DtldAmt>	[0..*]	±		1364
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1364

47.1.8.50.14 AdditionalAmount <AddtlAmt>

Presence: [0..*]

Definition: Amounts that are not part of the transaction amount and not included in reconciliation.

AdditionalAmount <AddtlAmt> contains the following elements (see "AdditionalAmounts3" on page 1352 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1352
	OtherType <OthrTp>	[0..1]	Text		1352
	Amount <Amt>	[1..1]	±		1352
	Description <Desc>	[0..1]	Text		1352
	AdditionalData <AddtlData>	[0..*]			1353
	Type <Tp>	[0..1]	Text		1353
	Value <Val>	[0..1]	Text		1353

47.1.8.50.15 AdditionalFee <AddtlFee>

Presence: [0..*]

Definition: Fees not included in the transaction amount.

AdditionalFee <AddtlFee> contains the following elements (see "AdditionalFee2" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

47.1.8.50.16 OriginalAdditionalFee <OrgnlAddtlFee>

Presence: [0..*]

Definition: Fees not included in the original transaction amount.

OriginalAdditionalFee <OrgnlAddtlFee> contains the following elements (see "[AdditionalFee2](#)" on page 1365 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1365
	OtherType <OthrTp>	[0..1]	Text		1366
	FeeProgram <FeePrgm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcncltnAmt>	[0..1]	±		1366
	Description <Desc>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	Value <Val>	[0..1]	Text		1367

47.1.8.50.17 DepositDetails <DpstDtls>

Presence: [0..*]

Definition: Contains ATM deposit details.

DepositDetails <DpstDtls> contains the following elements (see "[DepositDetails2](#)" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1691
	OtherType <OthrTp>	[0..1]	Text		1691
	Amount <Amt>	[0..1]	±		1691

47.1.8.50.18 FundsServices <FndsSvcs>

Presence: [0..1]

Definition: Financial services related to the account.

FundsServices <FndsSvcs> contains the following elements (see "[FundingService2](#)" on page 1929 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FundingService <FndgSvc>	[0..1]	±		1929
	FundingSource <FndgSrc>	[0..*]	±		1930
	ClaimInformation <ClmInf>	[0..1]	±		1930

47.1.8.50.19 AccountFrom <AcctFr>*Presence:* [0..1]*Definition:* Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.**AccountFrom <AcctFr>** contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

47.1.8.50.20 AccountTo <AcctTo>*Presence:* [0..1]*Definition:* Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.**AccountTo <AcctTo>** contains the following elements (see "[AccountDetails3](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountName <AcctNm>	[0..1]	Text		1342
	AccountType <AcctTp>	[0..1]	CodeSet		1342
	AccountIdentification <AcctId>	[0..1]	Text		1342

47.1.8.50.21 TransactionDescription <TxDesc>*Presence:* [0..1]*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.*Datatype:* "[Max1000Text](#)" on page 2201**47.1.8.50.22 AdditionalData <AddtlData>***Presence:* [0..*]*Definition:* Contains additional data.**AdditionalData <AddtlData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1655
	Value <Val>	[0..1]	Text		1655

47.1.8.50.22.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.8.50.22.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.8.51 Environment20

Definition: Environment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Acquirer <Acqrr>	[0..1]	±		1656
	Originator <Orgtr>	[0..1]	±		1657
	Sender <Sndr>	[0..1]	±		1658
	Receiver <Rcvr>	[0..1]	±		1659
	Acceptor <Acptr>	[0..1]	±		1660
	Destination <Dstr>	[0..1]	±		1662
	Payer <Pyer>	[0..1]	±		1662
	Payee <Pyee>	[0..1]	±		1663
	Terminal <Termnl>	[0..1]			1663
	TerminalIdentification <TermnllId>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <TermnllIntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctn>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666
	Issuer <Issr>	[0..1]	±		1668
	Card <Card>	[1..1]	±		1668
	CustomerDevice <CstmrDvc>	[0..1]	±		1669
	Wallet <Wlt>	[0..1]	±		1670
	Token <Tkn>	[0..1]	±		1671
	Cardholder <Crdhldr>	[0..1]	±		1672

47.1.8.51.1 Acquirer <Acqrr>

Presence: [0..1]

Definition: Identification of the acquirer.

ISO 8583 bit 32.

Acquirer <Acqrr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.8.51.2 Originator <Orgtr>

Presence: [0..1]

Definition: Identifies the originator of the transaction.

Originator <Orgtr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.8.51.3 Sender <Sndr>

Presence: [0..1]

Definition: Party sending the message to another intermediary agent or to the final destination.

ISO 8583 bit 33

Sender <Sndr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.8.51.4 Receiver <Rcvr>

Presence: [0..1]

Definition: Party receiving the message from the origin or from an intermediary agent.

ISO 8583 bit 100.

Receiver <Rcvr> contains the following elements (see "PartyIdentification263" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.8.51.5 Acceptor <Accptr>

Presence: [0..1]

Definition: Card acceptor performing the card transaction.

Acceptor <Acceptr> contains the following elements (see "PartyIdentification254" on page 1809 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1811
	Assigner <Assgnr>	[0..1]	Text		1811
	Country <Ctry>	[0..1]	CodeSet		1811
	ShortName <ShrtNm>	[0..1]	Text		1811
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1811
	AdditionalIdentification <AddtlId>	[0..1]	Text		1811
	NameAndLocation <NmAndLctn>	[0..1]	Text		1811
	Address <Adr>	[0..1]	±		1811
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1812
	GeographicLocation <GeogcLctn>	[0..1]	Text		1812
	Email <Email>	[0..1]	Text		1812
	URLAddress <URLAdr>	[0..1]	Text		1812
	PhoneNumber <PhneNb>	[0..1]	Text		1812
	CustomerService <CstmrSvc>	[0..1]	Text		1813
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1813
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1813
	AdditionalData <AddtlData>	[0..*]			1813
	Type <Tp>	[0..1]	Text		1813
	Value <Val>	[0..1]	Text		1813
	LocalData <LclData>	[0..1]			1813
	Language <Lang>	[1..1]	CodeSet		1814
	ShortName <ShrtNm>	[0..1]	Text		1814
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1814
	NameAndLocation <NmAndLctn>	[0..1]	Text		1814
	Address <Adr>	[0..1]	±		1814
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1815
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1815
	AdditionalData <AddtlData>	[0..*]			1815
	Type <Tp>	[0..1]	Text		1815
	Value <Val>	[0..1]	Text		1815

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1816

47.1.8.51.6 Destination <Dstn>

Presence: [0..1]

Definition: Identifies the destination of the transaction.

Destination <Dstn> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.8.51.7 Payer <Pyer>

Presence: [0..1]

Definition: The party providing source of funds.

Payer <Pyer> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

47.1.8.51.8 Payee <Pyee>

Presence: [0..1]

Definition: The party receiving funds.

Payee <Pyee> contains the following elements (see "[PartyIdentification257](#)" on page 1833 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

47.1.8.51.9 Terminal <Termnl>

Presence: [0..1]

Definition: Payment terminal or ATM performing the transaction.

Terminal <Termnl> contains the following **Terminal5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnlId>	[0..1]	±		1663
	Type <Tp>	[0..1]	CodeSet		1664
	OtherType <OthrTp>	[0..1]	Text		1664
	Capabilities <Cpblties>	[0..1]	±		1664
	TerminalIntegration <TermnlIntgtn>	[0..1]	CodeSet		1665
	GeographicLocation <GeogcLctr>	[0..1]	Text		1665
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1666
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1666
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1666
	POIComponent <POICmpnt>	[0..*]	±		1666

47.1.8.51.9.1 TerminalIdentification <TermnlId>

Presence: [0..1]

Definition: Identification of the terminal performing the transaction.

TerminalIdentification <TermnlId> contains the following elements (see "[TerminalIdentification3](#)" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1861
	Assigner <Assgnr>	[0..1]	Text		1861
	Country <Ctry>	[0..1]	CodeSet		1861
	ShortName <ShrtNm>	[0..1]	Text		1861

47.1.8.51.9.2 Type <Tp>

Presence: [0..1]

Definition: Type of terminal.

Datatype: "TerminalType1Code" on page 2188

CodeName	Name	Definition
ATMT	ATM	Automated Teller Machine
MPOS	mPOS	Mobile or tablet used as a Point of Sale terminal
OTHN	OtherNational	Other type defined at national level
OTHP	OtherPrivate	Other private type of terminal.
POST	POS	Point of Sale terminal.

47.1.8.51.9.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of terminal.

Datatype: "Max35Text" on page 2207

47.1.8.51.9.4 Capabilities <Cpbilities>

Presence: [0..1]

Definition: Capabilities of the terminal.

Capabilities <Cpblties> contains the following elements (see "Capabilities2" on page 1891 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapability <CardRdngCpblty>	[0..*]	±		1891
	CardWritingCapability <CardWrtgCpblty>	[0..*]	±		1892
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1892
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1892
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1892
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1893
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1893
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1893
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1893
	MessageCapability <MsgCpblty>	[0..*]			1893
	Destination <Dstn>	[1..1]	CodeSet		1894
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1894
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1894
	LineWidth <LineWidth>	[0..1]	Quantity		1894
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C2	1895
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1895
	TemporarySecureCardDataStorage <TempScrCardDataStorg>	[0..1]	Indicator		1895

47.1.8.51.9.5 TerminalIntegration <TermnlIntgtn>

Presence: [0..1]

Definition: Type of terminal integration at a point of service location.

Datatype: "TerminalIntegrationCategory1Code" on page 2188

CodeName	Name	Definition
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

47.1.8.51.9.6 GeographicLocation <GeogcLctn>

Presence: [0..1]

Definition: Geographic location of the terminal.

Datatype: "GeographicPointInDecimalDegrees" on page 2201

47.1.8.51.9.7 OutdoorIndicator <OutdrInd>

Presence: [0..1]

Definition: Indicates whether the terminal is operated outdoor or indoor at the point of service.

True: The terminal is operated outdoor.

False: The terminal is operated indoor.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.51.9.8 OffPremisesIndicator <OffPrmissInd>

Presence: [0..1]

Definition: Indicates whether the terminal is operated on- or off-premises at the point of service.

True: The terminal is operated off premises.

False: The terminal is operated on premises.

ISO 8583:93 bit 22-4, ISO 8583:2003 bit 22-3.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.51.9.9 OnBoardIndicator <OnBrdInd>

Presence: [0..1]

Definition: Indicates whether the transaction was performed on board.

True: The terminal is located on board.

False: The terminal is not located on board.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.8.51.9.10 POIComponent <POICmpnt>

Presence: [0..*]

Definition: Data related to the components of the POI (Point Of Interaction) performing the transactions.

POIComponent <POICmpnt> contains the following elements (see "PointOfInteractionComponent13" on page 1719 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1721
	Identification <Id>	[1..1]			1722
	ItemNumber <ItmNb>	[0..1]	Text		1722
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1722
	Identification <Id>	[0..1]	Text		1722
	SerialNumber <SrlNb>	[0..1]	Text		1722
	Status <Sts>	[0..1]			1722
	VersionNumber <VrsnNb>	[0..1]	Text		1723
	Status <Sts>	[0..1]	CodeSet		1723
	ExpiryDate <XpryDt>	[0..1]	Date		1723
	StandardCompliance <StdCmplc>	[0..*]			1723
	Identification <Id>	[1..1]	Text		1723
	Version <Vrsn>	[1..1]	Text		1724
	Issuer <Issr>	[1..1]	Text		1724
	Characteristics <Chrtcs>	[0..1]			1724
	Memory <Mmry>	[0..*]			1724
	Identification <Id>	[1..1]	Text		1725
	TotalSize <TtlSz>	[1..1]	Quantity		1725
	FreeSize <FreeSz>	[1..1]	Quantity		1725
	Unit <Unit>	[1..1]	CodeSet		1725
	Communication <Com>	[0..*]			1725
	CommunicationType <ComTp>	[1..1]	CodeSet		1726
	RemoteParty <RmotPty>	[1..*]	CodeSet		1726
	Active <Actv>	[1..1]	Indicator		1727
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1727
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1727
	SecurityElement <SctyElmt>	[0..*]	±		1727
	Assessment <Assmnt>	[0..*]			1728
	ItemNumber <ItmNb>	[0..1]	Text		1728
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1728

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]	Text		1729
	SerialNumber <SrlNb>	[0..1]	Text		1729

47.1.8.51.10 Issuer <Issr>

Presence: [0..1]

Definition: Information related to the issuer.

Issuer <Issr> contains the following elements (see "[PartyIdentification263](#)" on page 1780 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.8.51.11 Card <Card>

Presence: [1..1]

Definition: Card or payment token performing the transaction.

Card <Card> contains the following elements (see "CardData7" on page 1394 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1394
	ProtectedPANIndicator <PrtctdPANInd>	[0..1]	Indicator		1394
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1395
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1395
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1395
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1395
	PANAccountRange <PANAcctRg>	[0..1]	Text		1395
	CardCountryCode <CardCtryCd>	[0..1]	CodeSet		1396
	CardProductType <CardPdctTp>	[0..1]	Text		1396
	CardProductSubType <CardPdctSubTp>	[0..1]	Text		1396
	CardPortfolioIdentifier <CardPrtflldr>	[0..1]	Text		1396
	AdditionalCardData <AddtlCardData>	[0..*]			1396
	Type <Tp>	[0..1]	Text		1396
	Value <Val>	[0..1]	Text		1397

47.1.8.51.12 CustomerDevice <CstmrDvc>

Presence: [0..1]

Definition: Identification of the customer device performing the transaction.

CustomerDevice <CstmrDvc> contains the following elements (see "CustomerDevice4" on page 1686 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

47.1.8.51.13 Wallet <WlIt>

Presence: [0..1]

Definition: Container for tenders used by the customer to perform the payment transaction.

Wallet <Wlt> contains the following elements (see "Wallet2" on page 1337 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1337
	PANAge <PANAge>	[0..1]	Quantity		1338
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1338
	WalletAccountAge <WltAcctAge>	[0..1]	Quantity		1338
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1338
	Activity <Actvty>	[0..1]	Quantity		1339
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1339
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1339
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1339
	WalletAccountCountry <WltAcctCtry>	[0..1]	CodeSet		1339
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1340
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1340
	WalletAccountEmailAge <WltAcctEmailAge>	[0..1]	Quantity		1340
	WalletProviderRiskAssessment <WltPrvdrRskAssmnt>	[0..1]	CodeSet		1340
	WalletProviderRiskAssessmentModelVersion <WltPrvdrRskAssmntMdlVrsn>	[0..1]	Text		1341
	WalletProviderPhoneScore <WltPrvdrPhneScore>	[0..1]	Quantity		1341
	WalletProviderDeviceScore <WltPrvdrDvcScore>	[0..1]	Quantity		1341
	WalletProviderAccountScore <WltPrvdrAcctScore>	[0..1]	Quantity		1341
	AdditionalData <AddtlData>	[0..*]			1341
	Type <Tp>	[0..1]	Text		1341
	Value <Val>	[0..1]	Text		1341

47.1.8.51.14 Token <Tkn>

Presence: [0..1]

Definition: Details of payment token.

Token <Tkn> contains the following elements (see "Token2" on page 2099 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

47.1.8.51.15 Cardholder <Crhdldr>

Presence: [0..1]

Definition: Cardholder performing the card payment transaction.

Cardholder <Crdhldr> contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

47.1.8.52 Vehicle4

Definition: Attributes of vehicle.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Class <Clsx>	[0..1]	Text		1673
	Make <Make>	[0..1]	Text		1673
	Model <Mdl>	[0..1]	Text		1674
	RegistrationNumber <RegnNb>	[0..1]	Text		1674

47.1.8.52.1 Class <Clsx>

Presence: [0..1]

Definition: Contains the classification of the vehicle (for example, economy, intermediate, luxury, etc.)

Datatype: "Max35Text" on page 2207

47.1.8.52.2 Make <Make>

Presence: [0..1]

Definition: Brand or manufacturer of the vehicle.

Datatype: "Max35NumericText" on page 2207

47.1.8.52.3 Model <Mdl>

Presence: [0..1]

Definition: Product line of vehicle within the make.

Datatype: "Max35NumericText" on page 2207

47.1.8.52.4 RegistrationNumber <RegnNb>

Presence: [0..1]

Definition: Registration number of vehicle.

Datatype: "Max35Text" on page 2207

47.1.8.53 TravelAgencyPackage1

Definition: Provides detailed information about the travel package, excluding specific itinerary data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReservationNumber <RsvatnNb>	[0..1]	Text		1674
	TravelPackageType <TrvlPackgTp>	[0..1]	Text		1674
	NumberInParty <NbInPty>	[0..1]	Text		1675
	CustomerReference <CstmrRef>	[0..*]			1675
	Identification <Id>	[0..1]	Text		1675
	Detail <Dtl>	[0..1]	Text		1675
	DataSource <DataSrc>	[0..1]	Text		1675
	DeliveryOrderNumber <DlvryOrdrNb>	[0..1]	Text		1675
	CreditCardSlipNumber <CdtCardSlipNb>	[0..1]	Text		1675
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1676
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1676
	Fee <Fee>	[0..1]	Amount		1676

47.1.8.53.1 ReservationNumber <RsvatnNb>

Presence: [0..1]

Definition: Reservation number or identifier.

Datatype: "Max35Text" on page 2207

47.1.8.53.2 TravelPackageType <TrvlPackgTp>

Presence: [0..1]

Definition: Describes the type of travel offering provided by the travel agency or partner.

Datatype: "Max70Text" on page 2209

47.1.8.53.3 NumberInParty <NbInPty>

Presence: [0..1]

Definition: Number of people included in the travel arrangements.

Datatype: "Max10NumericText" on page 2202

47.1.8.53.4 CustomerReference <CstmrRef>

Presence: [0..*]

Definition: Contains Customer Reference Values provided for this transaction and used for various reference processing at the customer site. These values represent information most prevalently provided by travel agencies for transactions booked against a lodged account or central travel account.

CustomerReference <CstmrRef> contains the following **CustomerReference1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1675
	Detail <Dtl>	[0..1]	Text		1675

47.1.8.53.4.1 Identification <Id>

Presence: [0..1]

Definition: Defines the content of the value provided in the Customer Reference detail.

Datatype: "Max35Text" on page 2207

47.1.8.53.4.2 Detail <Dtl>

Presence: [0..1]

Definition: Subfield is a free-form text field containing customer reference value details about the transaction.

Datatype: "Max70Text" on page 2209

47.1.8.53.5 DataSource <DataSrc>

Presence: [0..1]

Definition: Indicates the source of enhanced data that is matched to the transaction.

Datatype: "Max35Text" on page 2207

47.1.8.53.6 DeliveryOrderNumber <DlvryOrdNb>

Presence: [0..1]

Definition: Contains a customer invoice number for a rail sale to a corporate account.

Datatype: "Max35Text" on page 2207

47.1.8.53.7 CreditCardSlipNumber <CdtCardSlipNb>

Presence: [0..1]

Definition: Contains a slip number from the credit card slip.

Datatype: "Max35Text" on page 2207

47.1.8.53.8 InsuranceIndicator <InsrncInd>

Presence: [0..1]

Definition: Indicates whether or not insurance was purchased.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.53.9 InsuranceAmount <InsrncAmt>

Presence: [0..1]

Definition: Cost of the insurance purchased.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.53.10 Fee <Fee>

Presence: [0..1]

Definition: Travel agency fee amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.54 TemporaryServicesJob1

Definition: Contains the details of the job or task of the individual working in a temporary capacity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	JobCode <JobCd>	[0..1]	Text		1676
	Description <Desc>	[0..1]	Text		1676
	StartDate <StartDt>	[0..1]	Date		1677
	Duration <Drtn>	[0..1]	Text		1677
	EndDate <EndDt>	[0..1]	Date		1677

47.1.8.54.1 JobCode <JobCd>

Presence: [0..1]

Definition: Identifies the job or task being performed by the individual working in a temporary capacity.

Datatype: "Max35Text" on page 2207

47.1.8.54.2 Description <Desc>

Presence: [0..1]

Definition: Contains the description of the job or task of the individual working in a temporary capacity.

Datatype: "Max256Text" on page 2206

47.1.8.54.3 StartDate <StartDt>

Presence: [0..1]

Definition: Contains the start date of the job.

Datatype: "ISODate" on page 2196

47.1.8.54.4 Duration <Drtn>

Presence: [0..1]

Definition: Duration of the job expressed in number of days.

Datatype: "Max5NumericText" on page 2209

47.1.8.54.5 EndDate <EndDt>

Presence: [0..1]

Definition: Contains the end date of the job.

Datatype: "ISODate" on page 2196

47.1.8.55 SpecialProgrammeQualification1

Definition: Data to qualify for incentive or other related programmes.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1677
	Detail <Dtl>	[0..*]			1677
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

47.1.8.55.1 Programme <Prgrmm>

Presence: [0..1]

Definition: Name of special programme.

Datatype: "Max35Text" on page 2207

47.1.8.55.2 Detail <Dtl>

Presence: [0..*]

Definition: Name and value associated with a special programme.

Detail <Dtl> contains the following **SpecialProgrammeDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1677
	Value <Val>	[0..1]	Text		1678

47.1.8.55.2.1 Name <Nm>

Presence: [0..1]

Definition: Name of the special programme detail.

Datatype: "Max35Text" on page 2207

47.1.8.55.2.2 Value <Val>

Presence: [0..1]

Definition: Special programme detail value.

Datatype: "Max35Text" on page 2207

47.1.8.56 SaleSummary1

Definition: Summary information about the sale

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1678
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1678
	Adjustment <Adjstmnt>	[0..*]			1679
	Type <Tp>	[0..1]	Text		1679
	AdditionalType <AddtlTp>	[0..1]	Text		1679
	Description <Desc>	[0..1]	Text		1679
	Reason <Rsn>	[0..1]	Text		1680
	PromotionCode <Prmtncd>	[0..1]	Text		1680
	Percentage <Pctg>	[0..1]	Rate		1680
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1680
	TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>	[0..1]	Indicator		1680

47.1.8.56.1 SummaryCommodityIdentification <SummryCmmdtyld>

Presence: [0..1]

Definition: Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

Datatype: "Max35Text" on page 2207

47.1.8.56.2 LoyaltyProgramme <LtyPrgrmm>

Presence: [0..1]

Definition: Contains loyalty programme information.

LoyaltyProgramme <LtyPrgrmm> contains the following elements (see "[LoyaltyProgramme2](#)" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeType <PrgrmmTp>	[0..1]	Text		1680
	ProgramIdentification <Prgmld>	[0..1]	Text		1681
	ParticipantIdentification <Ptcptld>	[0..1]	Text		1681

47.1.8.56.3 Adjustment <Adjstmnt>

Presence: [0..*]

Definition: Contains adjustment details of the transaction (for example, percentage, adjustment amount, etc.).

Adjustment <Adjstmnt> contains the following **Adjustment9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1679
	AdditionalType <AddtlTp>	[0..1]	Text		1679
	Description <Desc>	[0..1]	Text		1679
	Reason <Rsn>	[0..1]	Text		1680
	PromotionCode <Prmtncd>	[0..1]	Text		1680
	Percentage <Pctg>	[0..1]	Rate		1680
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1680
	TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>	[0..1]	Indicator		1680

47.1.8.56.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of adjustment.

Datatype: "[Max35Text](#)" on page 2207

47.1.8.56.3.2 AdditionalType <AddtlTp>

Presence: [0..1]

Definition: Additional information to specify the type of adjustment.

Datatype: "[Max35Text](#)" on page 2207

47.1.8.56.3.3 Description <Desc>

Presence: [0..1]

Definition: Description of the adjustment.

Datatype: "[Max70Text](#)" on page 2209

47.1.8.56.3.4 Reason <Rsn>

Presence: [0..1]

Definition: Reason for the adjustment.

Datatype: "Max35Text" on page 2207

47.1.8.56.3.5 PromotionCode <PrmtnCd>

Presence: [0..1]

Definition: Promotion or adjustment code.

Datatype: "Max35Text" on page 2207

47.1.8.56.3.6 Percentage <Pctg>

Presence: [0..1]

Definition: Contains the percentage value of the discount (when applicable).

Datatype: "PercentageRate" on page 2199

47.1.8.56.3.7 AdjustmentAmount <AdjstmntAmt>

Presence: [0..1]

Definition: Contains amount of the adjustment, exclusive of tax.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.56.3.8 TaxCalculatedOnOriginalAmount <TaxClctdOnOrgnlAmt>

Presence: [0..1]

Definition: Indicates whether or not tax was calculated on the original amount of the transaction.

Note that false (or not present) indicates applicable taxes are based on adjusted amount.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.8.57 LoyaltyProgramme2

Definition: Loyalty programme information

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProgrammeType <PrgrmmTp>	[0..1]	Text		1680
	ProgramIdentification <PrgmId>	[0..1]	Text		1681
	ParticipantIdentification <PtcptId>	[0..1]	Text		1681

47.1.8.57.1 ProgrammeType <PrgrmmTp>

Presence: [0..1]

Definition: Type of loyalty programme (for example, airline, lodging, vehicle and rail etc.).

Datatype: "Max35Text" on page 2207

47.1.8.57.2 ProgramIdentification <PrgmId>

Presence: [0..1]

Definition: Loyalty programme identification value.

Datatype: "Max70Text" on page 2209

47.1.8.57.3 ParticipantIdentification <PtcptId>

Presence: [0..1]

Definition: Loyalty programme participant identification value.

Datatype: "Max70Text" on page 2209

47.1.8.58 LodgingRoom1

Definition: Room details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RoomType <RoomTp>	[0..1]	Text		1681
	RoomLocation <RoomLctn>	[0..1]	Text		1681
	BedType <BedTp>	[0..1]	Text		1681
	GuestsPerRoom <GstsPerRoom>	[0..1]	Text		1682
	AdultsInRoom <AdltsInRoom>	[0..1]	Text		1682
	ChildrenInRoom <ChldrnInRoom>	[0..1]	Text		1682
	DailyRoomRate <DalyRoomRate>	[0..1]	Amount		1682

47.1.8.58.1 RoomType <RoomTp>

Presence: [0..1]

Definition: Type of room (for example, club/lounge level room).

Datatype: "Max35Text" on page 2207

47.1.8.58.2 RoomLocation <RoomLctn>

Presence: [0..1]

Definition: Contains the room location information (for example,ocean view, lake view, level, etc.)

Datatype: "Max35Text" on page 2207

47.1.8.58.3 BedType <BedTp>

Presence: [0..1]

Definition: Contain the type of bed in room (for example, single, double, king, etc.)

Datatype: "Max70Text" on page 2209

47.1.8.58.4 GuestsPerRoom <GstsPerRoom>

Presence: [0..1]

Definition: Contains the number of guests in the room.

Datatype: "Max3NumericText" on page 2207

47.1.8.58.5 AdultsInRoom <AdltsInRoom>

Presence: [0..1]

Definition: Contains the number of adult guests in the room.

Datatype: "Max3NumericText" on page 2207

47.1.8.58.6 ChildrenInRoom <ChldrnInRoom>

Presence: [0..1]

Definition: Contains the number of child guests in the room.

Datatype: "Max3NumericText" on page 2207

47.1.8.58.7 DailyRoomRate <DalyRoomRate>

Presence: [0..1]

Definition: Daily rate being charged for the room.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.59 Distance1

Definition: Distance between a start and a return car rental period.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1682
	OdometerStart <OdmtrStart>	[0..1]	Text		1683
	OdometerReturn <OdmtrRtr>	[0..1]	Text		1683
	TotalDistance <TtlDstnc>	[0..1]	Text		1683
	FreeDistance <FreeDstnc>	[0..1]	Text		1683
	Rate <Rate>	[0..1]	Amount		1683

47.1.8.59.1 UnitOfMeasure <UnitOfMeasr>

Presence: [0..1]

Definition: Unit of measure used to compute the distance.

Datatype: "UnitOfMeasure10Code" on page 2192

CodeName	Name	Definition
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
MILE	Mile	Unit of length equal to 1, 760 yards.

47.1.8.59.2 OdometerStart <OdmtrStart>

Presence: [0..1]

Definition: Odometer reading at start of rental (at the time of vehicle check-out).

Datatype: "Max10NumericText" on page 2202

47.1.8.59.3 OdometerReturn <OdmtrRtr>

Presence: [0..1]

Definition: Odometer reading at return of rental (at the time of vehicle check-in).

Datatype: "Max10NumericText" on page 2202

47.1.8.59.4 TotalDistance <TtlDstnc>

Presence: [0..1]

Definition: Total distance expressed in unit of measure.

Datatype: "Max10NumericText" on page 2202

47.1.8.59.5 FreeDistance <FreeDstnc>

Presence: [0..1]

Definition: Maximum free miles or kilometres for the car rental period.

Datatype: "Max10NumericText" on page 2202

47.1.8.59.6 Rate <Rate>

Presence: [0..1]

Definition: Defines the rate in relation to a specific distance.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.8.60 DepartureOrArrival2

Definition: Contains departure or arrival information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CarrierCode <CrrierCd>	[0..1]	Text		1683
	RouteNumber <RouteNb>	[0..1]	Text		1684
	Date <Dt>	[0..1]	Date		1684
	Time <Tm>	[0..1]	Time		1684

47.1.8.60.1 CarrierCode <CrrierCd>

Presence: [0..1]

Definition: Code indicating the name of the passenger transport carrier (for example, United Airlines, Lufthansa, JetBlue, etc.)

Datatype: "Max35Text" on page 2207

47.1.8.60.2 RouteNumber <RouteNb>

Presence: [0..1]

Definition: Route number (for example, flight number, bus number, train route or number, etc.)

Datatype: "Max35NumericText" on page 2207

47.1.8.60.3 Date <Dt>

Presence: [0..1]

Definition: Departure or arrival date.

Datatype: "ISODate" on page 2196

47.1.8.60.4 Time <Tm>

Presence: [0..1]

Definition: Departure or arrival time.

Datatype: "ISOTime" on page 2211

47.1.9 Customer Device

47.1.9.1 Device2

Definition: Identification of the customer device.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1684
	ManufacturerModelIdentification <ManfctrMdld>	[0..1]	Text		1685
	Type <Tp>	[0..1]	CodeSet		1685
	OtherType <OthrTp>	[0..1]	Text		1685
	Language <Lang>	[0..1]	CodeSet	C2	1685
	PhoneNumber <PhneNb>	[0..1]	Text		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1686
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1686
	IPAddress <IPAdr>	[0..1]	Text		1686
	Email <Email>	[0..1]	Text		1686
	DeviceName <DvcNm>	[0..1]	Text		1686
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1686

47.1.9.1.1 Manufacturer <Manfctr>

Presence: [0..1]

Definition: Manufacturer of the device.

Datatype: "Max70Text" on page 2209

47.1.9.1.2 ManufacturerModelIdentification <ManfctrMdId>

Presence: [0..1]

Definition: Manufacturer's identification of the model.

Datatype: "Max70Text" on page 2209

47.1.9.1.3 Type <Tp>

Presence: [0..1]

Definition: Type of customer device.

Datatype: "CustomerDeviceType2Code" on page 2143

CodeName	Name	Definition
MOBL	Mobile	Mobile phone
OTHN	OtherNational	Other device defined at national level
OTHP	OtherPrivate	Other device defined in a private way.
PECR	PersonalComputer	Personal computer
TBLT	Tablet	Tablet
NSCR	NonSecureCardReader	Non-secure card reader attached to the customer device.
SECR	SecureCardReader	Secure card reader attached to the customer device
EMBD	Embedded	Embedded in a device.
VHCL	Vehicle	Vehicle.
WRBL	Wearable	Wearable device.
WATC	Watch	Watch
GAMB	GamingDevice	Gaming Device
JEWL	Jewellery	Jewellery
KFOB	KeyFob	Key Fob
STIC	Sticker	Sticker
UNKW	Unknown	Device type unknown

47.1.9.1.4 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of customer device in free text.

Datatype: "Max35Text" on page 2207

47.1.9.1.5 Language <Lang>

Presence: [0..1]

Definition: Preferred language set on the device

Impacted by: C2 "ValidationByTable"

Datatype: "LanguageCode" on page 2159

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

47.1.9.1.6 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Phone number associated with the device.

Datatype: "PhoneNumber" on page 2211

47.1.9.1.7 GeographicLocation <GeogcLctn>

Presence: [0..1]

Definition: Geographical location of the device.

Datatype: "GeographicPointInDecimalDegrees" on page 2201

47.1.9.1.8 LocationCountryCode <LctnCtryCd>

Presence: [0..1]

Definition: Country of the location.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.9.1.9 IPAddress <IPAdr>

Presence: [0..1]

Definition: Internet Protocol address associated with the device.

Datatype: "Max70Text" on page 2209

47.1.9.1.10 Email <Email>

Presence: [0..1]

Definition: Electronic mail address associated with the device.

Datatype: "Max256Text" on page 2206

47.1.9.1.11 DeviceName <DvcNm>

Presence: [0..1]

Definition: Customer's name of the device.

Datatype: "Max100Text" on page 2201

47.1.9.1.12 DeviceNameNormalized <DvcNmNrmlzd>

Presence: [0..1]

Definition: Customer assigned device name, normalized.

Datatype: "Max100Text" on page 2201

47.1.9.2 CustomerDevice4

Definition: Details of the customer device.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Device <Dvc>	[0..1]	±		1687
	DeviceIdentification <DvcId>	[0..1]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689
	OperatingSystem <OprgSys>	[0..1]			1689
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690
	Provider <Prvdr>	[0..1]	Text		1690
	AdditionalData <AddtlData>	[0..*]			1690
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

47.1.9.2.1 Device <Dvc>

Presence: [0..1]

Definition: Information about the customer device.

Device <Dvc> contains the following elements (see "Device2" on page 1684 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1684
	ManufacturerModelIdentification <ManfctrMdId>	[0..1]	Text		1685
	Type <Tp>	[0..1]	CodeSet		1685
	OtherType <OthrTp>	[0..1]	Text		1685
	Language <Lang>	[0..1]	CodeSet	C2	1685
	PhoneNumber <PhneNb>	[0..1]	Text		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1686
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1686
	IPAddress <IPAdr>	[0..1]	Text		1686
	Email <Email>	[0..1]	Text		1686
	DeviceName <DvcNm>	[0..1]	Text		1686
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1686

47.1.9.2.2 DeviceIdentification <DvcId>

Presence: [0..1]

Definition: Identification of the device.

DeviceIdentification <DvcId> contains the following **DeviceIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1689
	Identification <Id>	[0..1]	Text		1689
	Assigner <Assgnr>	[0..1]	Text		1689

47.1.9.2.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of device.

Datatype: "DeviceIdentificationType1Code" on page 2144

CodeName	Name	Definition
IMEI	IMEI	International Mobile Equipment Identity.
OTHN	OtherNational	Other nationally assigned code.
OTHP	OtherPrivate	Other privately assigned code.
SEID	SecureElementIdentification	Secure element ID.

CodeName	Name	Definition
SENU	SerialNumber	Device serial number.

47.1.9.2.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of identification.

Datatype: "Max35Text" on page 2207

47.1.9.2.2.3 Identification <Id>

Presence: [0..1]

Definition: Identifier of the device.

Datatype: "Max70Text" on page 2209

47.1.9.2.2.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity that assigned the identification.

Datatype: "Max70Text" on page 2209

47.1.9.2.3 OperatingSystem <OprgSys>

Presence: [0..1]

Definition: Device operating system information.

OperatingSystem <OprgSys> contains the following **DeviceOperatingSystem1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1689
	Type <Tp>	[0..1]	CodeSet		1689
	OtherType <OthrTp>	[0..1]	Text		1690
	Version <Vrsn>	[0..1]	Text		1690
	Build <Bld>	[0..1]	Text		1690

47.1.9.2.3.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the operating system.

Datatype: "Max70Text" on page 2209

47.1.9.2.3.2 Type <Tp>

Presence: [0..1]

Definition: Type of device operating system.

Datatype: "DeviceOperatingSystemType1Code" on page 2144

CodeName	Name	Definition
DROI	Android	Android operating system.
BLCK	Blackberry	Blackberry operating system.
IOSS	iOS	iOS operating system.
OTHN	OtherNational	Other nationally defined code.
OTHP	OtherPrivate	Other privately defined code.
TIZN	Tizen	Tizen operating system.
WIND	Windows	Windows operating system.

47.1.9.2.3.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of operating system.

Datatype: "Max35Text" on page 2207

47.1.9.2.3.4 Version <Vrsn>

Presence: [0..1]

Definition: Version of device operating system.

Datatype: "Max35Text" on page 2207

47.1.9.2.3.5 Build <Bld>

Presence: [0..1]

Definition: Build of the device operating system.

Datatype: "Max70Text" on page 2209

47.1.9.2.4 Provider <Prvdr>

Presence: [0..1]

Definition: Provider of the customer device.

Datatype: "Max35Text" on page 2207

47.1.9.2.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional customer device data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1690
	Value <Val>	[0..1]	Text		1691

47.1.9.2.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.9.2.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.10 De Minimus

47.1.10.1 DepositDetails2

Definition: Additional functions or services to be performed in conjunction with the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1691
	OtherType <OthrTp>	[0..1]	Text		1691
	Amount <Amt>	[0..1]	±		1691

47.1.10.1.1 Type <Tp>

Presence: [1..1]

Definition: Funding source used for deposit.

Datatype: "CardDepositType1Code" on page 2136

CodeName	Name	Definition
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
ENVL	Envelope	Envelope
CHEC	Cheque	Cheque
CASH	Cash	Cash

47.1.10.1.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other funding source used for deposit.

Datatype: "Max35Text" on page 2207

47.1.10.1.3 Amount <Amt>

Presence: [0..1]

Definition: Amount of the deposit.

Amount <Amt> contains the following elements (see "Amount16" on page 1356 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1356
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1356

47.1.11 Dispute

47.1.11.1 DisputeReference1

Definition: Contains dispute reference details.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1692
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1692
	DisputeIdentification <DsptId>	[1..*]			1692
	Type <Tp>	[0..1]	Text		1693
	Identification </d>	[1..1]	Text		1693

47.1.11.1.1 AssignerEntity <AssgnrNtty>

Presence: [0..1]

Definition: Name of the entity assigning the dispute reference.

Datatype: "PartyType32Code" on page 2174

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
ISUR	Issuer	Issuer is the entitled party.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.11.1.2 OtherAssignerEntity <OthrAssgnrNtty>

Presence: [0..1]

Definition: Other assigner entity.

Datatype: "Max35Text" on page 2207

47.1.11.1.3 DisputeIdentification <DsptId>

Presence: [1..*]

Definition: Identification of the dispute.

DisputeIdentification <DsptId> contains the following **DisputeIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1693
	Identification <Id>	[1..1]	Text		1693

47.1.11.1.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of dispute.

Datatype: "Max35Text" on page 2207

47.1.11.1.3.2 Identification <Id>

Presence: [1..1]

Definition: Identification of dispute.

Datatype: "Max70Text" on page 2209

47.1.11.2 DisputeData3

Definition: Data to be present in a dispute.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PresentmentCycle <PresntmntCycl>	[0..1]	Text		1693
	DisputeCondition <DsptCond>	[0..1]	Text		1694
	DisputeStatus <DsptSts>	[0..1]	Text		1694
	PartialDispute <PrtlDspt>	[0..1]	Indicator		1694
	DisputeReference <DsptRef>	[0..*]	±		1694
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1694
	AdditionalDisputeData <AddtlDsptData>	[0..1]			1694
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695
	DisputeRejectReason <DsptRjctRsn>	[0..*]	Text		1695
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1695

47.1.11.2.1 PresentmentCycle <PresntmntCycl>

Presence: [0..1]

Definition: Indicates the cycle of presentment or of the chargeback (1= first cycle for chargeback, 2= second cycle of presentment or chargeback, etc.).

Datatype: "Exact1NumericText" on page 2200

47.1.11.2.2 DisputeCondition <DsptCond>

Presence: [0..1]

Definition: Condition of the dispute.

Datatype: "Max35Text" on page 2207

47.1.11.2.3 DisputeStatus <DsptSts>

Presence: [0..1]

Definition: Status of dispute.

Datatype: "Max35Text" on page 2207

47.1.11.2.4 PartialDispute <PrtlDspt>

Presence: [0..1]

Definition: Partial dispute indicator.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 2197):

- *Meaning When True:* Yes
- *Meaning When False:* No

47.1.11.2.5 DisputeReference <DsptRef>

Presence: [0..*]

Definition: Reference for the dispute.

DisputeReference <DsptRef> contains the following elements (see "DisputeReference1" on page 1692 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1692
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1692
	DisputeIdentification <DsptId>	[1..*]			1692
	Type <Tp>	[0..1]	Text		1693
	Identification <Id>	[1..1]	Text		1693

47.1.11.2.6 DocumentationStatus <DcmnttnSts>

Presence: [0..1]

Definition: Status of the dispute documentation.

Datatype: "Max35Text" on page 2207

47.1.11.2.7 AdditionalDisputeData <AddtlDsptData>

Presence: [0..1]

Definition: Additional information related to the dispute.

AdditionalDisputeData <AddtlDsptData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1695
	Value <Val>	[0..1]	Text		1695

47.1.11.2.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.11.2.7.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.11.2.8 DisputeRejectReason <DsptRjctRsn>

Presence: [0..*]

Definition: Reason for rejecting a dispute.

Datatype: "Max35Text" on page 2207

47.1.11.2.9 ChargebackEligibility <ChrgbckElgblty>

Presence: [0..1]

Definition: Provides transaction chargeback eligibility conditions.

Datatype: "Max35Text" on page 2207

47.1.11.3 FeeCollectionReference1

Definition: Contains fee collection reference details.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1695
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1696
	FeeCollectionIdentification <FeeColltnId>	[1..*]			1696
	Type <Tp>	[0..1]	Text		1696
	Identification <Id>	[1..1]	Text		1696

47.1.11.3.1 AssignerEntity <AssgnrNtty>

Presence: [0..1]

Definition: Name of the entity assigning the fee collection reference.

Datatype: "PartyType32Code" on page 2174

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
ISUR	Issuer	Issuer is the entitled party.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.11.3.2 OtherAssignerEntity <OthrAssgnrNtty>

Presence: [0..1]

Definition: Other assigner entity.

Datatype: "Max35Text" on page 2207

47.1.11.3.3 FeeCollectionIdentification <FeeColltnId>

Presence: [1..*]

Definition: Identification of the fee collection.

FeeCollectionIdentification <FeeColltnId> contains the following **FeeCollectionIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1696
	Identification <Id>	[1..1]	Text		1696

47.1.11.3.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of fee collection.

Datatype: "Max35Text" on page 2207

47.1.11.3.3.2 Identification <Id>

Presence: [1..1]

Definition: Identification of fee collection.

Datatype: "Max70Text" on page 2209

47.1.12 Financial Institution Identification

47.1.12.1 FinancialInstitution7

Definition: Information related to a financial institution required by business or regulation (for example, in money or funds transfer).

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1697
	Name <Nm>	[0..1]	Text		1697
	Address <Adr>	[0..1]	±		1697
	Email <Email>	[0..1]	Text		1698
	URLAddress <URLAdr>	[0..1]	Text		1698
	PhoneNumber <PhneNb>	[0..1]	Text		1698
	CustomerService <CstmrSvc>	[0..1]	Text		1698
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1698
	LocalData <LclData>	[0..1]			1699
	Language <Lang>	[1..1]	CodeSet		1699
	Name <Nm>	[0..1]	Text		1699
	Address <Adr>	[0..1]	±		1699
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1700
	AdditionalData <AddtlData>	[0..*]			1700
	Type <Tp>	[0..1]	Text		1700
	Value <Val>	[0..1]	Text		1700

47.1.12.1.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the financial institution.

Datatype: "Max35Text" on page 2207

47.1.12.1.2 Name <Nm>

Presence: [0..1]

Definition: Name of the financial institution.

Datatype: "Max70Text" on page 2209

47.1.12.1.3 Address <Adr>

Presence: [0..1]

Definition: Address of the financial institution.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.12.1.4 Email <Email>

Presence: [0..1]

Definition: Electronic mail address of the financial institution.

Datatype: "Max256Text" on page 2206

47.1.12.1.5 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address of the financial institution.

Datatype: "Max256Text" on page 2206

47.1.12.1.6 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "Max35Text" on page 2207

47.1.12.1.7 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer services.

Datatype: "Max35Text" on page 2207

47.1.12.1.8 AdditionalContactInformation <AddtlCtctInf>

Presence: [0..1]

Definition: Additional information used to facilitate contact with the financial institution, for instance dispute manager name.

Datatype: "Max256Text" on page 2206

47.1.12.1.9 LocalData <LclData>

Presence: [0..1]

Definition: Contains text fields in the local language.

LocalData <LclData> contains the following **LocalData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1699
	Name <Nm>	[0..1]	Text		1699
	Address <Adr>	[0..1]	±		1699
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1700
	AdditionalData <AddtlData>	[0..*]			1700
	Type <Tp>	[0..1]	Text		1700
	Value <Val>	[0..1]	Text		1700

47.1.12.1.9.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.12.1.9.2 Name <Nm>

Presence: [0..1]

Definition: Name of the financial institution in the local language.

Datatype: "Max70Text" on page 2209

47.1.12.1.9.3 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see "Address3" on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.12.1.9.4 AdditionalContactInformation <AddtlCtctInf>

Presence: [0..1]

Definition: Additional information, in the local language, used to facilitate contact with the financial institution, for instance dispute manager name.

Datatype: "Max512Text" on page 2209

47.1.12.1.9.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1700
	Value <Val>	[0..1]	Text		1700

47.1.12.1.9.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.12.1.9.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.13 Fraud

47.1.13.1 ReportedFraud2

Definition: Fraud reporting type information

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudType <FrdTp>	[1..1]	CodeSet		1701
	OtherFraudType <OthrFrdTp>	[0..1]	Text		1702
	FraudReportingAction <FrdRptgActn>	[1..1]	CodeSet		1702
	OtherFraudReportingAction <OthrFrdRptgActn>	[0..1]	Text		1702
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1703
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1703
	SubmitterCaseReference <SubmtrCaseRef>	[0..1]	Text		1703
	CaseReference <CaseRef>	[0..1]	Text		1703

47.1.13.1.1 FraudType <FrdTp>

Presence: [1..1]

Definition: Type of fraud for which a report is established.

Datatype: "FraudType1Code" on page 2149

CodeName	Name	Definition
ACTO	AccountTakeover	Fraudulent transaction due to the unauthorised use of a card account by a person with the intent to defraud the issuer of the card.
CWUI	CounterfeitWithUnassignedIIN	Fraudulent transaction where the acquirer confirmed that the IIN (Issuer Identification Number) used was either never issued or is invalid.
CRNT	CardNotReceived	Fraudulent transaction with a card that was not received by the cardholder.
FRAC	FraudulentAccountUse	Fraudulent use of an account.
FRAP	FraudulentApplication	Fraudulent transaction on an account that the cardholder never applied for or the information on the application was falsified.
CWKA	CounterfeitWithExistingAccount	Fraudulent transaction with an altered or duplicated card in a card-present environment where the cardholder did not knowingly participate or the account was not created.
CRDL	LostCard	Fraudulent transaction with a card that has been reported as lost

CodeName	Name	Definition
MISC	Miscellaneous	Fraudulent transaction that cannot be categorised as one of the standard fraud types.
OTHN	OtherNational	Other type of fraud defined at national level.
OTHP	OtherPrivate	Other type of fraud defined at private level.
CRDS	StolenCard	Fraudulent transaction with a card that has been reported as stolen.
CNPA	CardNotPresentAccountUse	Fraudulent use in a card-not-present environment of an account.
MUFD	MultipleUseFraud	Merchant makes additional transactions against a card when consumer authorised for one legitimate transaction.
COSN	Collusion	Two parties colluding for the purpose of creating fraudulent transaction. For example, a cardholder and merchant.

47.1.13.1.2 OtherFraudType <OthrFrdTp>

Presence: [0..1]

Definition: Other type of fraud.

Datatype: "Max35Text" on page 2207

47.1.13.1.3 FraudReportingAction <FrdRptgActn>

Presence: [1..1]

Definition: Identifies the type of reported fraudulent transaction.

Datatype: "FraudReportingAction1Code" on page 2148

CodeName	Name	Definition
DUPL	Duplicate	Fraud information already reported.
CLSE	Close	Closing a previously reported fraud.
NEWF	New	New fraud information not reported yet.
OTHN	OtherNational	Other process about a fraud already reported defined at national level.
OTHP	OtherPrivate	Other process about a fraud already reported defined at private level.
REOP	Reopen	Reopen a previously closed reported fraud case
UPDT	Update	Update information about a fraud already reported.

47.1.13.1.4 OtherFraudReportingAction <OthrFrdRptgActn>

Presence: [0..1]

Definition: Other fraud reporting action.

Datatype: "Max35Text" on page 2207

47.1.13.1.5 ReportingEntity <RptgNtty>

Presence: [1..1]

Definition: Type of fraud reporting entity.

Datatype: "PartyType25Code" on page 2173

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.13.1.6 OtherReportingEntity <OthrRptgNtty>

Presence: [0..1]

Definition: Other type of fraud reporting entity.

Datatype: "Max35Text" on page 2207

47.1.13.1.7 SubmitterCaseReference <SubmitrCaseRef>

Presence: [0..1]

Definition: Reference to the case as provided by the submitter.

Datatype: "Max35Text" on page 2207

47.1.13.1.8 CaseReference <CaseRef>

Presence: [0..1]

Definition: Reference to fraudulent case.

Datatype: "Max35Text" on page 2207

47.1.13.2 ReportedFraud3

Definition: Fraud reporting type information

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FraudType <FrdTp>	[1..1]	CodeSet		1704
	OtherFraudType <OthrFrdTp>	[0..1]	Text		1705
	FraudReportingAction <FrdRptgActn>	[1..1]	CodeSet		1705
	OtherFraudReportingAction <OthrFrdRptgActn>	[0..1]	Text		1706
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1706
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1706
	CompromisedCredential <CmprmsdCrdntl>	[0..*]	CodeSet		1706
	CardholderReportingDate <CrdhldrRptgDt>	[0..1]	Date		1709
	ConfirmationReportingDate <ConfRptgDt>	[0..1]	Date		1709
	SubmitterCaseReference <SubmtrCaseRef>	[0..1]	Text		1709
	FraudCaseDetails <FrdCaseDtls>	[0..1]			1709
	MarketSegment <MktSgmt>	[0..1]	Text		1710
	LocatorNumber <LctrNb>	[0..1]	Text		1710
	CaseReference <CaseRef>	[0..1]	Text		1710
	ArrestIndicator <ArrstInd>	[0..1]	Indicator		1710
	FraudInvestigationStatus <FrdInvstgtnSts>	[0..1]	Text		1710

47.1.13.2.1 FraudType <FrdTp>

Presence: [1..1]

Definition: Type of fraud for which a report is established.

Datatype: "FraudType1Code" on page 2149

CodeName	Name	Definition
ACTO	AccountTakeover	Fraudulent transaction due to the unauthorised use of a card account by a person with the intent to defraud the issuer of the card.
CWUI	CounterfeitWithUnassignedIIN	Fraudulent transaction where the acquirer confirmed that the IIN (Issuer Identification Number) used was either never issued or is invalid.
CRNT	CardNotReceived	Fraudulent transaction with a card that was not received by the cardholder.
FRAC	FraudulentAccountUse	Fraudulent use of an account.
FRAP	FraudulentApplication	Fraudulent transaction on an account that the cardholder never applied for or the information on the application was falsified.
CWKA	CounterfeitWithExistingAccount	Fraudulent transaction with an altered or duplicated card in a card-present

CodeName	Name	Definition
		environment where the cardholder did not knowingly participate or the account was not created.
CRDL	LostCard	Fraudulent transaction with a card that has been reported as lost
MISC	Miscellaneous	Fraudulent transaction that cannot be categorised as one of the standard fraud types.
OTHN	OtherNational	Other type of fraud defined at national level.
OTHP	OtherPrivate	Other type of fraud defined at private level.
CRDS	StolenCard	Fraudulent transaction with a card that has been reported as stolen.
CNPA	CardNotPresentAccountUse	Fraudulent use in a card-not-present environment of an account.
MUFD	MultipleUseFraud	Merchant makes additional transactions against a card when consumer authorised for one legitimate transaction.
COSN	Collusion	Two parties colluding for the purpose of creating fraudulent transaction. For example, a cardholder and merchant.

47.1.13.2.2 OtherFraudType <OthrFrdTp>

Presence: [0..1]

Definition: Other type of fraud.

Datatype: "Max35Text" on page 2207

47.1.13.2.3 FraudReportingAction <FrdRptgActn>

Presence: [1..1]

Definition: Identifies the type of reported fraudulent transaction.

Datatype: "FraudReportingAction1Code" on page 2148

CodeName	Name	Definition
DUPL	Duplicate	Fraud information already reported.
CLSE	Close	Closing a previously reported fraud.
NEWF	New	New fraud information not reported yet.
OTHN	OtherNational	Other process about a fraud already reported defined at national level.
OTHP	OtherPrivate	Other process about a fraud already reported defined at private level.
REOP	Reopen	Reopen a previously closed reported fraud case
UPDT	Update	Update information about a fraud already reported.

47.1.13.2.4 OtherFraudReportingAction <OthrFrdrptgActn>

Presence: [0..1]

Definition: Other fraud reporting action.

Datatype: "Max35Text" on page 2207

47.1.13.2.5 ReportingEntity <RptgNtty>

Presence: [1..1]

Definition: Type of fraud reporting entity.

Datatype: "PartyType26Code" on page 2173

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ICCA	CardApplication	Application in the smart card.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.13.2.6 OtherReportingEntity <OthrRptgNtty>

Presence: [0..1]

Definition: Other type of fraud reporting entity.

Datatype: "Max35Text" on page 2207

47.1.13.2.7 CompromisedCredential <CmprmsdCrdrntl>

Presence: [0..*]

Definition: Identifies the type of cardholder credential that was compromised.

Datatype: "AuthenticationMethod12Code" on page 2130

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account-based digital signature authentication.
ADVF	AddressDigits	Digits of the address.
ARNB	AlienRegistrationNumber	Number assigned by a government agency to identify foreign nationals.

CodeName	Name	Definition
ARPC	ARPCVerification	Response Card Cryptogram (ARPC) verification.
ARQC	ARQCVerification	Verification of a cryptogram generated by a chip card, for instance an ARQC (Authorisation Request Cryptogram).
ATCC	ATC	Application Transaction Counter
BTHD	BirthDate	Date of birth of a person.
CHSA	CardholderAddress	Verification whether the address corresponds to the cardholder's one.
CHDN	CardholderName	Name of cardholder
CUID	CustomerIdentification	Customer number used as a mechanism of authentication.
DRVI	DriverIdentification	Identification of a driver in a fleet of vehicles.
DRLN	DriverLicenseNumber	Number assigned by a driving license authority to a person driving a car.
EMAL	Email	Electronic mail address
EMIN	EmployeeIdentificationNumber	Number assigned to an employee by an employer.
EMRN	EmployerIdentificationNumber	Number assigned to an employer by a registration authority.
IDCN	IdentityCardNumber	Number assigned by a national authority to an identity card.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
NVSC	NonVisibleCSC	Non visible Card Security Code.
FBIG	OffLineBiographics	Biographics authentication in an offline mode.
FBIO	OffLineBiometrics	Biometrics authentication in an offline mode
OLDA	OffLineDataAuthentication	Authentication of data in an offline mode
OLDS	OffLineDigitisedSignatureAnalysis	Analysis of signature transmitted offline
OFPE	OffLinePINEncrypted	PIN generated offline and transmitted encrypted
FCPN	OffLinePINInClear	PIN generated offline and transmitted in clear
OTPW	OneTimePassword	Verification of a one-time password provided by the issuer.
NBIG	OnLineBiographics	Biographics authentication in an online mode.
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OCHI	OtherCardholderIdentification	Other cardholder data provided for identification.

CodeName	Name	Definition
OTHN	OtherNational	Other type of verification defined at national level.
OTHP	OtherPrivate	Other type of verification defined at private level
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PASN	PassportNumber	Number assigned by a passport authority to a passport.
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.
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature
PLOB	PlaceOfBirth	Place of birth of a person.
PCDV	PostalCode	Verification based on digits of the postal code.
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.
SHAF	ShippingAddressFrom	Shipping address from verification.
SHAT	ShippingAddressTo	Shipping address to verification
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
SSNB	SocialSecurityNumber	Number assigned by a social security agency.
TXIN	TaxIdentificationNumber	Number assigned by a tax authority to an entity.
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
QWAC	QualifiedCertificate	QualifiedCertificate
PHOM	PhoneHome	Customer home phone number.
PWOR	PhoneWork	Customer work phone number

CodeName	Name	Definition
THDS	ThreeDS	Authentication performed during a secure electronic commerce transaction.
ADDB	BillingAddressVerification	Cardholder billing address verification.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CSCV	CSCVerification	Verification of Card Security Code.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
BIOM	Biometry	Biometric authentication of the cardholder.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NTID	NationalIdentifier	Nationally assigned identifier.
ACSN	AcceptorCertificateSerialNumber	Serial number of the acceptor's certificate.
CHSN	CardholderCertificateSerialNumber	Serial number of the cardholder's certificate.

47.1.13.2.8 CardholderReportingDate <CrhdldrRptgDt>

Presence: [0..1]

Definition: Date of fraud as reported by the cardholder

Datatype: "ISODate" on page 2196

47.1.13.2.9 ConfirmationReportingDate <ConfRptgDt>

Presence: [0..1]

Definition: Date fraud was confirmed by the cardholder.

Datatype: "ISODate" on page 2196

47.1.13.2.10 SubmitterCaseReference <SubmitrCaseRef>

Presence: [0..1]

Definition: Reference to the case as provided by the submitter.

Datatype: "Max35Text" on page 2207

47.1.13.2.11 FraudCaseDetails <FrdCaseDtls>

Presence: [0..1]

Definition: Details of fraudulent case.

FraudCaseDetails <FrdCaseDtls> contains the following **FraudCaseDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MarketSegment <MktSgmt>	[0..1]	Text		1710
	LocatorNumber <LctrNb>	[0..1]	Text		1710
	CaseReference <CaseRef>	[0..1]	Text		1710
	ArrestIndicator <ArrstInd>	[0..1]	Indicator		1710

47.1.13.2.11.1 MarketSegment <MktSgmt>

Presence: [0..1]

Definition: Type of market segment of confirmed fraud.

Datatype: "Max35Text" on page 2207

47.1.13.2.11.2 LocatorNumber <LctrNb>

Presence: [0..1]

Definition: Locator reference.

Datatype: "Max35Text" on page 2207

47.1.13.2.11.3 CaseReference <CaseRef>

Presence: [0..1]

Definition: Reference to fraudulent case.

Datatype: "Max35Text" on page 2207

47.1.13.2.11.4 ArrestIndicator <ArrstInd>

Presence: [0..1]

Definition: Indicates whether the party that committed fraud was arrested or not.

False: the party was not arrested

True: the party was arrested

Default: False

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.13.2.12 FraudInvestigationStatus <FrdInvstgtnSts>

Presence: [0..1]

Definition: Status of submitter investigation at time of submission.

Datatype: "Max256Text" on page 2206

47.1.14 Miscellaneous

47.1.14.1 SupplementaryData1

Definition: Additional information that can not be captured in the structured fields and/or any other specific block.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1711
	Envelope <Envlp>	[1..1]	(External Schema)		1711

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.

47.1.14.1.1 PlaceAndName <PlcAndNm>

Presence: [0..1]

Definition: Unambiguous reference to the location where the supplementary data must be inserted in the message instance.

In the case of XML, this is expressed by a valid XPath.

Datatype: "Max350Text" on page 2206

47.1.14.1.2 Envelope <Envlp>

Presence: [1..1]

Definition: Technical element wrapping the supplementary data.

Type: (External Schema)

Technical component that contains the validated supplementary data information. This technical envelope allows to segregate the supplementary data information from any other information.

47.1.14.2 AdditionalInformation30

Definition: Additional information relevant to the destination.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1712
	Target <Trgt>	[0..*]	CodeSet		1712
	Format <Frmt>	[0..1]	CodeSet		1712
	Type <Tp>	[0..1]	Text		1713
	Language <Lang>	[1..1]	CodeSet		1713
	Value <Val>	[1..1]	Text		1713

47.1.14.2.1 Recipient <Rcpt>

Presence: [0..1]

Definition: Recipient of the additional information to display, print, send or store.

Datatype: "PartyType19Code" on page 2171

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.14.2.2 Target <Trgt>

Presence: [0..*]

Definition: Target of the additional information to print, display, send or store.

Datatype: "UserInterface8Code" on page 2195

CodeName	Name	Definition
DSPU	Dispute	Interface used in case of disputes or chargebacks.
FILE	File	File used to store the message.
LOGF	Log	Information dedicated to a log file.
OTHP	OtherPrivate	Other type of interface defined at private level.
OTHN	OtherNational	Other type of interface defined at national level.

47.1.14.2.3 Format <Frmt>

Presence: [0..1]

Definition: Format of the additional information.

Datatype: "OutputFormat4Code" on page 2169

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

47.1.14.2.4 Type <Tp>

Presence: [0..1]

Definition: Defines the type of the value.

Datatype: "Max35Text" on page 2207

47.1.14.2.5 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.14.2.6 Value <Val>

Presence: [1..1]

Definition: Content of or reference to the message.

Datatype: "Max20KText" on page 2205

47.1.14.3 AdditionalInformation29

Definition: Additional information relevant to the destination.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.14.3.1 Recipient <Rcpt>

Presence: [0..1]

Definition: Recipient of the additional information to display, print, send or store.

Datatype: "PartyType22Code" on page 2172

CodeName	Name	Definition
CRDH	Cardholder	Holder of a payment card.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.1.14.3.2 OtherRecipient <OthrRcpt>

Presence: [0..1]

Definition: Other type of recipient of action data.

Datatype: "Max35Text" on page 2207

47.1.14.3.3 Target <Trgt>

Presence: [0..*]

Definition: Target of the additional information to print, display, send or store.

Datatype: "UserInterface6Code" on page 2194

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.

CodeName	Name	Definition
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.
FILE	File	File used to store the message.
CHAP	CardholderApplication	Information dedicated to a software application related to a device belonging to the cardholder.
MRAP	MerchantApplication	Information dedicated to a software application related to a device belonging to the merchant.
MRIN	OtherMerchantInterface	Other interface of the merchant for instance e-mail or smartphone message.

47.1.14.3.4 OtherTarget <OthrTrgt>

Presence: [0..1]

Definition: Other type of target for action data.

Datatype: "Max35Text" on page 2207

47.1.14.3.5 Format <Frmt>

Presence: [0..1]

Definition: Format of the additional information.

Datatype: "OutputFormat4Code" on page 2169

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

47.1.14.3.6 OtherFormat <OthrFrmt>

Presence: [0..1]

Definition: Other output format.

Datatype: "Max35Text" on page 2207

47.1.14.3.7 Type <Tp>

Presence: [0..1]

Definition: Defines the type of the value.

Datatype: "Max35Text" on page 2207

47.1.14.3.8 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.14.3.9 Value <Val>

Presence: [1..1]

Definition: Content of or reference to the message.

Datatype: "Max20KText" on page 2205

47.1.14.4 Header68

Definition: Set of characteristics related to the protocol.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1716
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1717
	ExchangeIdentification <XchgId>	[0..1]	Text		1717
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1717
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1717
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1717
	InitiatingParty <InitgPty>	[1..1]	±		1718
	RecipientParty <RcptPty>	[0..1]	±		1718
	TraceData <TracData>	[0..*]			1718
	Type <Tp>	[0..1]	Text		1719
	Value <Val>	[0..1]	Text		1719
	Traceability <Tracblt>	[0..*]	±		1719

47.1.14.4.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction44Code" on page 2166

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.
INST	Instructure	Informs of an action to be taken.
REQU	Request	Message function is a request.

47.1.14.4.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.4.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.4.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.4.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 2196

47.1.14.4.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.4.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.4.8 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 "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.4.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

ISO 8583:93/2003 bit 59

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1719
	Value <Val>	[0..1]	Text		1719

47.1.14.4.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.14.4.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.4.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeln <TracDtTmln>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.5 PointOfInteractionComponent13

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		1721
	Identification <Id>	[1..1]			1722
	ItemNumber <ItmNb>	[0..1]	Text		1722
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1722
	Identification <Id>	[0..1]	Text		1722
	SerialNumber <SrlNb>	[0..1]	Text		1722
	Status <Sts>	[0..1]			1722
	VersionNumber <VrsnNb>	[0..1]	Text		1723
	Status <Sts>	[0..1]	CodeSet		1723
	ExpiryDate <XpryDt>	[0..1]	Date		1723
	StandardCompliance <StdCmplc>	[0..*]			1723
	Identification <Id>	[1..1]	Text		1723
	Version <Vrsn>	[1..1]	Text		1724
	Issuer <Issr>	[1..1]	Text		1724
	Characteristics <Chrtcs>	[0..1]			1724
	Memory <Mmry>	[0..*]			1724
	Identification <Id>	[1..1]	Text		1725
	TotalSize <TtlSz>	[1..1]	Quantity		1725
	FreeSize <FreeSz>	[1..1]	Quantity		1725
	Unit <Unit>	[1..1]	CodeSet		1725
	Communication <Com>	[0..*]			1725
	CommunicationType <ComTp>	[1..1]	CodeSet		1726
	RemoteParty <RmotPty>	[1..*]	CodeSet		1726
	Active <Actv>	[1..1]	Indicator		1727
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1727
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1727
	SecurityElement <SctyElmt>	[0..*]	±		1727
	Assessment <Assmnt>	[0..*]			1728
	ItemNumber <ItmNb>	[0..1]	Text		1728
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1728
	Identification <Id>	[0..1]	Text		1729

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SerialNumber <SrlNb>	[0..1]	Text		1729

47.1.14.5.1 Type <Tp>

Presence: [1..1]

Definition: Type of component belonging to a POI (Point Of Interaction) Terminal.

Datatype: "POIComponentType5Code" on page 2177

CodeName	Name	Definition
AQPP	AcquirerProtocolParameters	Parameters for acquirer interface of the point of interaction, including acquirer host configuration parameters.
APPR	ApplicationParameters	Parameters of a payment application running on the point of interaction.
TLPR	TerminalParameters	Manufacturer configuration parameters of the point of interaction.
SCPR	SecurityParameters	Security parameters of the point of interaction.
SERV	Server	Payment server of a point of interaction system.
TERM	Terminal	Payment terminal point of interaction.
DVCE	Device	Device sub-component of a component of the point of interaction.
SECM	SecureModule	Security module.
APLI	PaymentApplication	Payment application software.
EMVK	EMVKernel	EMV application kernel (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
EMVO	EMVLevel1	EMV physical interface (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
MDWR	Middleware	Software module of the point of interaction.
DRVR	Driver	Driver module of the point of interaction.
OPST	OperatingSystem	Software that manages hardware to provide common services to the applications.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
CRTF	CertificateParameters	Certificate provided by a terminal manager.
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
SACP	SaleComponent	Component of the Sale system.

CodeName	Name	Definition
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.

47.1.14.5.2 Identification <Id>

Presence: [1..1]

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

Identification <Id> contains the following **PointOfInteractionComponentIdentification3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemNumber <ItmNb>	[0..1]	Text		1722
	ProviderIdentification <PrvdrId>	[0..1]	Text		1722
	Identification <Id>	[0..1]	Text		1722
	SerialNumber <SrINb>	[0..1]	Text		1722

47.1.14.5.2.1 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 2207

47.1.14.5.2.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 2207

47.1.14.5.2.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max35Text" on page 2207

47.1.14.5.2.4 SerialNumber <SrINb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max70Text" on page 2209

47.1.14.5.3 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		1723
	Status <Sts>	[0..1]	CodeSet		1723
	ExpiryDate <XpryDt>	[0..1]	Date		1723

47.1.14.5.3.1 VersionNumber <VrsnNb>

Presence: [0..1]

Definition: Current version of the component that might include the release number.

Datatype: "Max256Text" on page 2206

47.1.14.5.3.2 Status <Sts>

Presence: [0..1]

Definition: Current status of the component.

Datatype: "POIComponentStatus1Code" on page 2177

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.

47.1.14.5.3.3 ExpiryDate <XpryDt>

Presence: [0..1]

Definition: Expiration date of the component.

Datatype: "ISODate" on page 2196

47.1.14.5.4 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		1723
	Version <Vrsn>	[1..1]	Text		1724
	Issuer <Issr>	[1..1]	Text		1724

47.1.14.5.4.1 Identification <Id>

Presence: [1..1]

Definition: Proprietary information, often a code, issued by the data source scheme issuer.

Datatype: "Max35Text" on page 2207

47.1.14.5.4.2 Version <Vrsn>

Presence: [1..1]

Definition: Version of the identification.

Datatype: "Max35Text" on page 2207

47.1.14.5.4.3 Issuer <Issr>

Presence: [1..1]

Definition: Entity that assigns the identification.

Datatype: "Max35Text" on page 2207

47.1.14.5.5 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Characteristics of a POI (Point Of Interaction) component.

Characteristics <Chrtcs> contains the following **PointOfInteractionComponentCharacteristics4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Memory <Mmry>	[0..*]			1724
	Identification <Id>	[1..1]	Text		1725
	TotalSize <TtlSz>	[1..1]	Quantity		1725
	FreeSize <FreeSz>	[1..1]	Quantity		1725
	Unit <Unit>	[1..1]	CodeSet		1725
	Communication <Com>	[0..*]			1725
	CommunicationType <ComTp>	[1..1]	CodeSet		1726
	RemoteParty <RmotPty>	[1..*]	CodeSet		1726
	Active <Actv>	[1..1]	Indicator		1727
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1727
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1727
	SecurityElement <SctyElmt>	[0..*]	±		1727

47.1.14.5.5.1 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		1725
	TotalSize <TtISz>	[1..1]	Quantity		1725
	FreeSize <FreeSz>	[1..1]	Quantity		1725
	Unit <Unit>	[1..1]	CodeSet		1725

47.1.14.5.5.1.1 Identification <Id>

Presence: [1..1]

Definition: Identification or name of the memory.

Datatype: "Max35Text" on page 2207

47.1.14.5.5.1.2 TotalSize <TtISz>

Presence: [1..1]

Definition: Total size of the memory unit.

Datatype: "DecimalNumber" on page 2197

47.1.14.5.5.1.3 FreeSize <FreeSz>

Presence: [1..1]

Definition: Total size of the available memory.

Datatype: "DecimalNumber" on page 2197

47.1.14.5.5.1.4 Unit <Unit>

Presence: [1..1]

Definition: Memory unit of the sizes.

Datatype: "MemoryUnit1Code" on page 2162

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.

47.1.14.5.5.2 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 **CommunicationCharacteristics3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CommunicationType <ComTp>	[1..1]	CodeSet		1726
	RemoteParty <RmotPty>	[1..*]	CodeSet		1726
	Active <Actv>	[1..1]	Indicator		1727

47.1.14.5.5.2.1 CommunicationType <ComTp>

Presence: [1..1]

Definition: Type of low level communication.

Datatype: "POICommunicationType2Code" on page 2176

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.

47.1.14.5.5.2.2 RemoteParty <RmotPty>

Presence: [1..*]

Definition: Entity that communicate with the current component, using this communication device.

Datatype: "PartyType7Code" on page 2174

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.

47.1.14.5.5.2.3 Active <Activ>

Presence: [1..1]

Definition: Communication hardware is activated.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.14.5.5.3 SecurityAccessModules <SctyAccsMdls>

Presence: [0..1]

Definition: Number of security access modules (SAM).

Datatype: ["Number" on page 2198](#)

47.1.14.5.5.4 SubscriberIdentityModules <SbcbrldntyMdls>

Presence: [0..1]

Definition: Number of subscriber identity modules (SIM).

Datatype: ["Number" on page 2198](#)

47.1.14.5.5.5 SecurityElement <SctyElmt>

Presence: [0..*]

Definition: Security characteristics of the component.

SecurityElement <SctyElmt> contains the following elements (see "CryptographicKey13" on page 1939 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1940
	Version <Vrsn>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Function <Fctn>	[0..*]	CodeSet		1941
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1942
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1942
	KeyValue <KeyVal>	[0..1]	±		1942
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1942
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1942
	Name <Nm>	[1..1]	Text		1943
	Value <Val>	[0..1]	Text		1943

47.1.14.5.6 Assessment <Assmnt>

Presence: [0..*]

Definition: Assessments for the component of the point of interaction.

Assessment <Assmnt> contains the following **PointOfInteractionComponentIdentification3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ItemNumber <ItmNb>	[0..1]	Text		1728
	ProviderIdentification <PrvdrId>	[0..1]	Text		1728
	Identification <Id>	[0..1]	Text		1729
	SerialNumber <SrlNb>	[0..1]	Text		1729

47.1.14.5.6.1 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 2207

47.1.14.5.6.2 ProviderIdentification <PrvdrId>

Presence: [0..1]

Definition: Identifies the provider of the software, hardware or parameters of the POI component.

Datatype: "Max35Text" on page 2207

47.1.14.5.6.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the POI component assigned by its provider.

Datatype: "Max35Text" on page 2207

47.1.14.5.6.4 SerialNumber <SrINb>

Presence: [0..1]

Definition: Serial number identifying an occurrence of an hardware component.

Datatype: "Max70Text" on page 2209

47.1.14.6 Header67

Definition: Set of characteristics related to the protocol.

Header for a retrieval message.

ISO 8583 MTI

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1729
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1730
	ExchangeIdentification <Xchgld>	[0..1]	Text		1730
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1730
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1730
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1730
	InitiatingParty <InitgPty>	[1..1]	±		1731
	RecipientParty <RcptPty>	[0..1]	±		1731
	TraceData <TracData>	[0..*]			1732
	Type <Tp>	[0..1]	Text		1732
	Value <Val>	[0..1]	Text		1732
	Traceability <Tracblt>	[0..*]	±		1732

47.1.14.6.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction45Code" on page 2166

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
INST	Instructure	Informs of an action to be taken.
NOTI	Notification	Information about the transaction.
REQU	Request	Message function is a request.
STAD	StatusAdvice	Advice about the status of a transaction.
STNO	StatusNotification	Notification about the status of a transaction.
STRQ	StatusRequest	Message function is a status request.

47.1.14.6.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.6.3 Exchangeldentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.6.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.6.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 2196

47.1.14.6.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.6.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification183" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.6.8 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 "GenericIdentification183" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.6.9 TraceData <TracData>*Presence:* [0..*]*Definition:* Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.**TraceData <TracData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1732
	Value <Val>	[0..1]	Text		1732

47.1.14.6.9.1 Type <Tp>*Presence:* [0..1]*Definition:* Type of information.*Datatype:* "Max35Text" on page 2207**47.1.14.6.9.2 Value <Val>***Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**47.1.14.6.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.7 Header66*Definition:* Set of characteristics related to the protocol.

Header for a fee collection message.

ISO 8583 MTI

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <XchgId>	[0..1]	Text		1733
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1733
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1734
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1734
	InitiatingParty <InitgPty>	[1..1]	±		1734
	RecipientParty <RcptPty>	[0..1]	±		1734
	TraceData <TracData>	[0..*]			1735
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735
	Traceability <Tracblt>	[0..*]	±		1735

47.1.14.7.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction29Code" on page 2166

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.

47.1.14.7.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.7.3 ExchangeIdentification <XchgId>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.7.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.7.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2196

47.1.14.7.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.7.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification183" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.7.8 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 "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.7.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1735
	Value <Val>	[0..1]	Text		1735

47.1.14.7.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.14.7.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "[Max2048Text](#)" on page 2205

47.1.14.7.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.8 Header65

Definition: Set of characteristics related to the protocol.

Header for an amendment message.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1736
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1736
	ExchangeIdentification <XchgId>	[0..1]	Text		1737
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1737
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1737
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1737
	InitiatingParty <InitgPty>	[1..1]	±		1737
	RecipientParty <RcptPty>	[0..1]	±		1738
	TraceData <TracData>	[0..*]			1738
	Type <Tp>	[0..1]	Text		1738
	Value <Val>	[0..1]	Text		1739
	Traceability <Tracblt>	[0..*]	±		1739

47.1.14.8.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction27Code" on page 2165

CodeName	Name	Definition
NOTI	Notification	Information about the transaction.

47.1.14.8.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.8.3 ExchangeIdentification <XchgId>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.8.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.8.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2196

47.1.14.8.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.8.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.8.8 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 "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.8.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Value <Val>	[0..1]	Text		1739

47.1.14.8.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.14.8.9.2 Value <Val>*Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**47.1.14.8.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.9 Header64*Definition:* Set of characteristics related to the protocol.

Header for a rejection message.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1739
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1740
	ExchangeIdentification <XchgId>	[0..1]	Text		1740
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1740
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1740
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1740
	InitiatingParty <InitgPty>	[1..1]	±		1740
	RecipientParty <RcptPty>	[0..1]	±		1741
	TraceData <TracData>	[0..*]			1741
	Type <Tp>	[0..1]	Text		1741
	Value <Val>	[0..1]	Text		1742
	Traceability <Tracblt>	[0..*]	±		1742

47.1.14.9.1 MessageFunction <MsgFctn>*Presence:* [1..1]*Definition:* Identifies the type of process related to the message.

Datatype: "MessageFunction39Code" on page 2166

CodeName	Name	Definition
RENO	RejectNotification	Notification of a rejected message.
ERNO	ErrorNotification	Notification of a message containing errors.

47.1.14.9.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.9.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.9.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.9.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 2196

47.1.14.9.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.9.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.9.8 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 "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.9.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1741
	Value <Val>	[0..1]	Text		1742

47.1.14.9.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.14.9.2 Value <Val>*Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**47.1.14.9.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.10 Header63*Definition:* Set of characteristics related to the protocol.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1742
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1743
	ExchangeIdentification <XchgId>	[0..1]	Text		1743
	ReTransmissionCounter <ReTrnsmsnCnt>	[0..1]	Text		1743
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1743
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1743
	InitiatingParty <InitgPty>	[1..1]	±		1743
	RecipientParty <RcptPty>	[0..1]	±		1744
	TraceData <TracData>	[0..*]			1744
	Type <Tp>	[0..1]	Text		1744
	Value <Val>	[0..1]	Text		1745
	Traceability <Tracblt>	[0..*]	±		1745

47.1.14.10.1 MessageFunction <MsgFctn>*Presence:* [1..1]*Definition:* Identifies the type of process related to the message.*Datatype:* "MessageFunction23Code" on page 2165

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
REQU	Request	Message function is a request.

47.1.14.10.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.10.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.10.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.10.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2196

47.1.14.10.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.10.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.10.8 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 "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.10.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1744
	Value <Val>	[0..1]	Text		1745

47.1.14.10.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.14.10.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.10.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.11 Header62

Definition: Set of characteristics related to the protocol.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1745
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1746
	ExchangeIdentification <XchgId>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1746
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1746
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1746
	InitiatingParty <InitgPty>	[1..1]	±		1747
	RecipientParty <RcptPty>	[0..1]	±		1747
	TraceData <TracData>	[0..*]			1748
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748
	Traceability <Tracblt>	[0..*]	±		1748

47.1.14.11.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction16Code" on page 2164

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.
CAAD	CaptureAdvice	Advice about the capture of an activity already performed (response expected).
CANO	CaptureNotification	Notification about the capture of an activity already performed (no response expected).
REQU	Request	Message function is a request.

47.1.14.11.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.11.3 ExchangeIdentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.11.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.11.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2196

47.1.14.11.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.11.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "GenericIdentification183" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.11.8 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 "GenericIdentification183" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.11.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1748
	Value <Val>	[0..1]	Text		1748

47.1.14.11.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.14.11.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.11.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.12 Header61

Definition: Set of characteristics related to the protocol.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1749
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1749
	ExchangeIdentification <XchgId>	[0..1]	Text		1750
	ReTransmissionCounter <ReTrnsmsnCntnr>	[0..1]	Text		1750
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1750
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1750
	InitiatingParty <InitgPty>	[1..1]	±		1750
	RecipientParty <RcptPty>	[0..1]	±		1751
	TraceData <TracData>	[0..*]			1751
	Type <Tp>	[0..1]	Text		1751
	Value <Val>	[0..1]	Text		1752
	Traceability <Tracblt>	[0..*]	±		1752

47.1.14.12.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction20Code" on page 2165

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.
REQU	Request	Message function is a request.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVNO	ReversalNotification	Notification of reversal for either an authorisation or a financial message (response not expected).
STAD	StatusAdvice	Advice about the status of a transaction.
STNO	StatusNotification	Notification about the status of a transaction.

47.1.14.12.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.12.3 ExchangeIdentification <XchgId>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.12.4 ReTransmissionCounter <ReTrnsmssnCntr>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.12.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2196

47.1.14.12.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.12.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.12.8 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 "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.12.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1751
	Value <Val>	[0..1]	Text		1752

47.1.14.12.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.14.12.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.12.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.13 Header60

Definition: Set of characteristics related to the protocol.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <XchgId>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmsnCnt>	[0..1]	Text		1753
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1753
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1753
	InitiatingParty <InitgPty>	[1..1]	±		1753
	RecipientParty <RcptPty>	[0..1]	±		1754
	TraceData <TracData>	[0..*]			1754
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755
	Traceability <Tracblt>	[0..*]	±		1755

47.1.14.13.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction17Code" on page 2164

CodeName	Name	Definition
NOTI	Notification	Information about the transaction.
REQU	Request	Message function is a request.
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.

47.1.14.13.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.13.3 Exchangeldentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.13.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.13.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODateTime" on page 2196

47.1.14.13.6 BatchManagementInformation <BtchMgmtInf>

Presence: [0..1]

Definition: Information related to the batch and the collection to which the message belongs if any.

BatchManagementInformation <BtchMgmtInf> contains the following elements (see "BatchManagementInformation1" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1376
	BatchIdentification <BtchId>	[1..1]	Text		1376
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1376
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1376

47.1.14.13.7 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.13.8 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 "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.13.9 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1754
	Value <Val>	[0..1]	Text		1755

47.1.14.13.9.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.14.13.9.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.13.10 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.14 Header69

Definition: Set of characteristics related to the protocol.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1755
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1756
	ExchangeIdentification <XchgId>	[0..1]	Text		1756
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1756
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1756
	InitiatingParty <InitgPty>	[1..1]	±		1756
	RecipientParty <RcptPty>	[0..1]	±		1757
	TraceData <TracData>	[0..*]			1757
	Type <Tp>	[0..1]	Text		1757
	Value <Val>	[0..1]	Text		1758
	Traceability <Tracblt>	[0..*]	±		1758

47.1.14.14.1 MessageFunction <MsgFctn>

Presence: [1..1]

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

Datatype: "MessageFunction18Code" on page 2164

CodeName	Name	Definition
BTRQ	BatchRequest	Request to initiate the transfer of a batch (response expected).
BTNF	BatchNotification	Notification to initiate the transfer of a batch (no response expected).
CLNF	CollectionNotification	Notification to initiate the transfer of a collection (no response expected).
CLRQ	CollectionRequest	Request to initiate the transfer of a collection (response expected).

47.1.14.14.2 ProtocolVersion <PrtcolVrsn>

Presence: [1..1]

Definition: Version of the acquirer to issuer protocol specifications.

Datatype: "Max2048Text" on page 2205

47.1.14.14.3 Exchangeldentification <Xchgld>

Presence: [0..1]

Definition: Unique identification of an exchange of messages between two parties.

Datatype: "Max35Text" on page 2207

47.1.14.14.4 ReTransmissionCounter <ReTrnsmssnCnt>

Presence: [0..1]

Definition: Number of retransmission of the message. Incremented by one for each retransmission.

Datatype: "Max3NumericText" on page 2207

47.1.14.14.5 CreationDateTime <CreDtTm>

Presence: [1..1]

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

Datatype: "ISODatetime" on page 2196

47.1.14.14.6 InitiatingParty <InitgPty>

Presence: [1..1]

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

InitiatingParty <InitgPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.14.7 RecipientParty <RcptPty>

Presence: [0..1]

Definition: Unique identification of the partner that is the recipient of the message exchange.

RecipientParty <RcptPty> contains the following elements (see "[GenericIdentification183](#)" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.14.14.8 TraceData <TracData>

Presence: [0..*]

Definition: Information sent in the request message to be returned in the response one, for instance to help in the retrieval of the context of the exchange.

TraceData <TracData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1757
	Value <Val>	[0..1]	Text		1758

47.1.14.14.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "[Max35Text](#)" on page 2207

47.1.14.14.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.14.9 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 "Traceability9" on page 1774 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelayIdentification <RlayId>	[1..1]	±		1774
	TraceDateTimeIn <TracDtTmIn>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.14.15 CardholderName3

Definition: Complete name of the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1758
	GivenName <GvnNm>	[0..1]	Text		1758
	MiddleName <MddINm>	[0..1]	Text		1758
	LastName <LastNm>	[0..1]	Text		1759

47.1.14.15.1 Name <Nm>

Presence: [0..1]

Definition: Name of the cardholder, which is usually the full name.

Datatype: "Max70Text" on page 2209

47.1.14.15.2 GivenName <GvnNm>

Presence: [0..1]

Definition: First name of the cardholder.

Datatype: "Max35Text" on page 2207

47.1.14.15.3 MiddleName <MddINm>

Presence: [0..1]

Definition: Middle name or initials present in the name of a person.

Datatype: "Max35Text" on page 2207

47.1.14.15.4 LastName <LastNm>

Presence: [0..1]

Definition: Family name of the cardholder.

Datatype: "Max35Text" on page 2207

47.1.14.16 RetrievalFulfilmentInstructions2

Definition: Fulfilment instructions for the retrieval

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Method <Mtd>	[0..1]			1759
{Or	RequestedMethod <ReqdMtd>	[0..*]	Text		1759
Or	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1759
Or}	ActualDeliveryMethod <ActIDlvryMtd>	[0..1]	Text		1759
	DeliveryInformation <DlvryInf>	[0..1]	±		1760
	AdditionalInformation <AddtlInf>	[0..1]	±		1760

47.1.14.16.1 Method <Mtd>

Presence: [0..1]

Definition: Contains information describing the fulfilment information delivery methods.

Method <Mtd> contains one of the following **RetrievalDeliveryMethod1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	RequestedMethod <ReqdMtd>	[0..*]	Text		1759
Or	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1759
Or}	ActualDeliveryMethod <ActIDlvryMtd>	[0..1]	Text		1759

47.1.14.16.1.1 RequestedMethod <ReqdMtd>

Presence: [0..*]

Definition: Method requested by issuers to convey the transaction information.

Datatype: "Max35Text" on page 2207

47.1.14.16.1.2 EstablishedMethod <EstblishdMtd>

Presence: [0..*]

Definition: Method established by fulfilment system.

Datatype: "Max35Text" on page 2207

47.1.14.16.1.3 ActualDeliveryMethod <ActIDlvryMtd>

Presence: [0..1]

Definition: Method actually used to convey the transaction information.

Datatype: "Max35Text" on page 2207

47.1.14.16.2 DeliveryInformation <DlvryInf>

Presence: [0..1]

Definition: Information related to a retrieval fulfilment.

DeliveryInformation <DlvryInf> contains the following elements (see "[DeliveryInformation5](#)" on page 1760 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Contact <Ctct>	[0..1]			1761
	Name <Nm>	[0..1]	Text		1761
	FaxNumber <FaxNb>	[0..1]	Text		1761
	TelephoneNumber <TelNb>	[0..1]	Text		1761
	Email <Email>	[0..1]	Text		1761
	URLAddress <URLAdr>	[0..1]	Text		1762
	PostalAddress <PstlAdr>	[0..1]	±		1762

47.1.14.16.3 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information relevant for the retrieval.

AdditionalInformation <AddtlInf> contains the following elements (see "[AdditionalInformation22](#)" on page 1769 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1769
	Target <Trgt>	[0..*]	CodeSet		1770
	Format <Frmt>	[0..1]	CodeSet		1770
	Type <Tp>	[0..1]	Text		1771
	Value <Val>	[1..1]	Text		1771

47.1.14.17 DeliveryInformation5

Definition: Delivery information for the purpose of a retrieval fulfilment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Contact <Ctct>	[0..1]			1761
	Name <Nm>	[0..1]	Text		1761
	FaxNumber <FaxNb>	[0..1]	Text		1761
	TelephoneNumber <TelNb>	[0..1]	Text		1761
	Email <Email>	[0..1]	Text		1761
	URLAddress <URLAdr>	[0..1]	Text		1762
	PostalAddress <PstlAdr>	[0..1]	±		1762

47.1.14.17.1 Contact <Ctct>

Presence: [0..1]

Definition: Contact for delivery.

Contact <Ctct> contains the following **Contact7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1761
	FaxNumber <FaxNb>	[0..1]	Text		1761
	TelephoneNumber <TelNb>	[0..1]	Text		1761
	Email <Email>	[0..1]	Text		1761
	URLAddress <URLAdr>	[0..1]	Text		1762

47.1.14.17.1.1 Name <Nm>

Presence: [0..1]

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

Datatype: "Max35Text" on page 2207

47.1.14.17.1.2 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Collection of information that identifies a FAX number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.14.17.1.3 TelephoneNumber <TelNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.14.17.1.4 Email <Email>

Presence: [0..1]

Definition: Address for electronic mail (e-mail).

Datatype: "Max256Text" on page 2206

47.1.14.17.1.5 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.14.17.2 PostalAddress <PstlAdr>

Presence: [0..1]

Definition: Postal address related to a retrieval fulfilment.

PostalAddress <PstlAdr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.14.18 CardholderName2

Definition: Name of the cardholder in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1762
	GivenName <GvnNm>	[0..1]	Text		1763
	MiddleName <MddlNm>	[0..1]	Text		1763
	LastName <LastNm>	[0..1]	Text		1763

47.1.14.18.1 Name <Nm>

Presence: [0..1]

Definition: Local language equivalent of the name of the cardholder.

Datatype: "Max140Text" on page 2203

47.1.14.18.2 GivenName <GvnNm>

Presence: [0..1]

Definition: Local language equivalent of the first name of the cardholder.

Datatype: "Max70Text" on page 2209

47.1.14.18.3 MiddleName <MddINm>

Presence: [0..1]

Definition: Local language equivalent of the middle name or initials present in the name of a person.

Datatype: "Max70Text" on page 2209

47.1.14.18.4 LastName <LastNm>

Presence: [0..1]

Definition: Local language equivalent of the last name or surname of the cardholder.

Datatype: "Max70Text" on page 2209

47.1.14.19 Cardholder19

Definition: Detailed information about the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhldrNm>	[0..1]	±		1764
	Identification <Id>	[0..*]	±		1764
	Address <Adr>	[0..1]	±		1764
	ContactInformation <CtctInf>	[0..1]	±		1765
	DateOfBirth <DtOfBirth>	[0..1]	Date		1766
	HighValueCustomerIndicator <HghValCstmrlnd>	[0..1]	Indicator		1766
	AdditionalData <AddtlData>	[0..*]			1766
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767
	LocalData <LclData>	[0..1]			1767
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

47.1.14.19.1 CardholderName <CrdhldrNm>*Presence:* [0..1]*Definition:* Contains the registered cardholder name that issuer knows to be correct.**CardholderName <CrdhldrNm>** contains the following elements (see "[CardholderName3](#)" on page 1758 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1758
	GivenName <GvnNm>	[0..1]	Text		1758
	MiddleName <MddlNm>	[0..1]	Text		1758
	LastName <LastNm>	[0..1]	Text		1759

47.1.14.19.2 Identification <Id>*Presence:* [0..*]*Definition:* Identification of the cardholder.

ISO 8583:87 bit 56 (TLV tag 03/dataset 73)

ISO 8583:93 bit 112 (TLV tag 03/dataset 73)

ISO 8583:2003 bit 51 (TLV tag 03/dataset 73)

Identification <Id> contains the following elements (see "[Credentials2](#)" on page 1845 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IdentificationCode <IdCd>	[1..1]	CodeSet		1845
	OtherIdentificationCode <OthrIdCd>	[0..1]	Text		1846
	IdentificationValue <IdVal>	[1..1]	Text		1846
	IdentificationExpiryDate <IdXpryDt>	[0..1]	YearMonth		1846
	AssignerAuthority <AssgnrAuthrty>	[0..1]			1846
	Country <Ctry>	[0..1]	CodeSet		1847
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1847
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1847
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1847
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1847
	Name <Nm>	[0..1]	Text		1847

47.1.14.19.3 Address <Adr>*Presence:* [0..1]

Definition: Complete address of the cardholder.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.14.19.4 ContactInformation <CtctInf>

Presence: [0..1]

Definition: Contact information.

ISO 8583:87 bit 56 (TLV tag 02/dataset 72)

ISO 8583:93 bit 112 (TLV tag 02/dataset 72)

ISO 8583:2003 bit 51 (TLV tag 02/dataset 72)

ContactInformation <CtctInf> contains the following elements (see "[Contact1](#)" on page 1855 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1856
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1856
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1856
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1856
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1856
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1856
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1857
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1857
	Language <Lang>	[0..1]	CodeSet		1857

47.1.14.19.5 DateOfBirth <DtOfBirth>

Presence: [0..1]

Definition: Date of birth of the party.

Datatype: "[ISODate](#)" on page 2196

47.1.14.19.6 HighValueCustomerIndicator <HghValCstmrlnd>

Presence: [0..1]

Definition: Identifies a cardholder that is a highly valued individual (e.g., Very Important Person).

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.14.19.7 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional cardholder data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1766
	Value <Val>	[0..1]	Text		1767

47.1.14.19.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.14.19.7.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.19.8 LocalData <LclData>

Presence: [0..1]

Definition: Contains text fields in the local language.

LocalData <LclData> contains the following **LocalData7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1767
	CardholderName <CrdhldrNm>	[0..1]	±		1767
	Address <Adr>	[0..1]	±		1767
	AdditionalData <AddtlData>	[0..*]			1768
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

47.1.14.19.8.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.14.19.8.2 CardholderName <CrdhldrNm>

Presence: [0..1]

Definition: Name of the cardholder in the local language.

CardholderName <CrdhldrNm> contains the following elements (see "CardholderName2" on page 1762 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1762
	GivenName <GvnNm>	[0..1]	Text		1763
	MiddleName <MddlNm>	[0..1]	Text		1763
	LastName <LastNm>	[0..1]	Text		1763

47.1.14.19.8.3 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see "Address3" on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.14.19.8.4 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1768
	Value <Val>	[0..1]	Text		1768

47.1.14.19.8.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.14.19.8.4.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.14.20 DetailedError1

Definition: Detailed description of an error that caused the message to be corrected/amended.
Transmitted for further analysis.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1769
	Description <Desc>	[1..1]	Text		1769
	Value <Val>	[0..1]	Text		1769

47.1.14.20.1 Type <Tp>

Presence: [1..1]

Definition: Type of error corrected or amendment brought to the message.

Datatype: "Max35Text" on page 2207

47.1.14.20.2 Description <Desc>

Presence: [1..1]

Definition: Detailed description of the error or amendment.

Datatype: "Max500Text" on page 2208

47.1.14.20.3 Value <Val>

Presence: [0..1]

Definition: Contains the modified value.

Datatype: "Max256Text" on page 2206

47.1.14.21 AdditionalInformation22

Definition: Additional information relevant to the destination.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1769
	Target <Trgt>	[0..*]	CodeSet		1770
	Format <Frmt>	[0..1]	CodeSet		1770
	Type <Tp>	[0..1]	Text		1771
	Value <Val>	[1..1]	Text		1771

47.1.14.21.1 Recipient <Rcpt>

Presence: [0..1]

Definition: Recipient of the additional information to display, print, send or store.

Datatype: "PartyType19Code" on page 2171

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.

CodeName	Name	Definition
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.14.21.2 Target <Trgt>

Presence: [0..*]

Definition: Target of the additional information to print, display, send or store.

Datatype: "UserInterface8Code" on page 2195

CodeName	Name	Definition
DSPU	Dispute	Interface used in case of disputes or chargebacks.
FILE	File	File used to store the message.
LOGF	Log	Information dedicated to a log file.
OTHP	OtherPrivate	Other type of interface defined at private level.
OTHN	OtherNational	Other type of interface defined at national level.

47.1.14.21.3 Format <Frmt>

Presence: [0..1]

Definition: Format of the additional information.

Datatype: "OutputFormat4Code" on page 2169

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.

CodeName	Name	Definition
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

47.1.14.21.4 Type <Tp>

Presence: [0..1]

Definition: Defines the type of the value.

Datatype: "Max35Text" on page 2207

47.1.14.21.5 Value <Val>

Presence: [1..1]

Definition: Content of or reference to the message.

Datatype: "Max20KText" on page 2205

47.1.14.22 AdditionalInformation20

Definition: Additional information relevant to the destination.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1771
	OtherRecipient <OthrRcpt>	[0..1]	Text		1772
	Target <Trgt>	[0..*]	CodeSet		1772
	OtherTarget <OthrTrgt>	[0..1]	Text		1772
	Format <Frmt>	[0..1]	CodeSet		1772
	OtherFormat <OthrFrmt>	[0..1]	Text		1773
	Type <Tp>	[0..1]	Text		1773
	Value <Val>	[1..1]	Text		1773

47.1.14.22.1 Recipient <Rcpt>

Presence: [0..1]

Definition: Recipient of the additional information to display, print, send or store.

Datatype: "PartyType22Code" on page 2172

CodeName	Name	Definition
CRDH	Cardholder	Holder of a payment card.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.

CodeName	Name	Definition
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.1.14.22.2 OtherRecipient <OthrRcpt>

Presence: [0..1]

Definition: Other type of recipient of action data.

Datatype: "Max35Text" on page 2207

47.1.14.22.3 Target <Trgt>

Presence: [0..*]

Definition: Target of the additional information to print, display, send or store.

Datatype: "UserInterface6Code" on page 2194

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.
FILE	File	File used to store the message.
CHAP	CardholderApplication	Information dedicated to a software application related to a device belonging to the cardholder.
MRAP	MerchantApplication	Information dedicated to a software application related to a device belonging to the merchant.
MRIN	OtherMerchantInterface	Other interface of the merchant for instance e-mail or smartphone message.

47.1.14.22.4 OtherTarget <OthrTrgt>

Presence: [0..1]

Definition: Other type of target for action data.

Datatype: "Max35Text" on page 2207

47.1.14.22.5 Format <Frmt>

Presence: [0..1]

Definition: Format of the additional information.

Datatype: "OutputFormat4Code" on page 2169

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

47.1.14.22.6 OtherFormat <OthrFrmt>

Presence: [0..1]

Definition: Other output format.

Datatype: "Max35Text" on page 2207

47.1.14.22.7 Type <Tp>

Presence: [0..1]

Definition: Defines the type of the value.

Datatype: "Max35Text" on page 2207

47.1.14.22.8 Value <Val>

Presence: [1..1]

Definition: Content of or reference to the message.

Datatype: "Max20KText" on page 2205

47.1.14.23 EncapsulatedContent3

Definition: Data to authenticate.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1773
	Content <Cntt>	[0..1]	Binary		1774

47.1.14.23.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been authenticated.

Datatype: "ContentType2Code" on page 2141

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).

47.1.14.23.2 Content <Cntt>

Presence: [0..1]

Definition: Actual data to authenticate.

Datatype: "Max100KBinary" on page 2110

47.1.15 Monitoring

47.1.15.1 Traceability9

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 <RelayId>	[1..1]	±		1774
	TraceDateTimeln <TracDtTmln>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

47.1.15.1.1 RelayIdentification <RelayId>

Presence: [1..1]

Definition: Identification of a partner of a message exchange.

RelayIdentification <RlayId> contains the following elements (see "GenericIdentification183" on page 1786 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.15.1.2 TraceDateTimeln <TracDtTmln>

Presence: [0..1]

Definition: Date and time of incoming data exchange for relaying or processing.

Datatype: "ISODatetime" on page 2196

47.1.15.1.3 TraceDateTimeOut <TracDtTmOut>

Presence: [0..1]

Definition: Date and time of the outgoing exchange for relaying or processing.

Datatype: "ISODatetime" on page 2196

47.1.16 Organisation Identification

47.1.16.1 AdditionalAcceptorData1

Definition: Contains additional acceptor data

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1776
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1776
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1777
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1777
	AdditionalIdentification <AddtlId>	[0..*]			1777
	Type <Tp>	[1..1]	CodeSet		1777
	OtherType <OthrTp>	[0..1]	Text		1778
	Value <Val>	[1..1]	Text		1778
	Characteristics <Chrtcs>	[0..1]			1778
	BusinessType <BizTp>	[0..1]			1778
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779
	Owner <Ownr>	[0..1]			1779
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779
	Certification <Certfctn>	[0..1]			1779
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780
	OwnerEthnicity <OwnrEthncty>	[0..1]			1780
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780
	AdditionalInformation <AddtlInf>	[0..1]	Text		1780

47.1.16.1.1 AdditionalTransactionReferenceNumber <AddtlTxRefNb>

Presence: [0..1]

Definition: Contains a code that facilitates card acceptor/corporation communication and record keeping.

Datatype: "Max70Text" on page 2209

47.1.16.1.2 TaxRegistrationIdentification <TaxRegnId>

Presence: [0..1]

Definition: Identification of the company recognized by the taxation authority. Used for reporting transaction-related taxes.

Datatype: "Max70Text" on page 2209

47.1.16.1.3 CorporateTaxIdentification <CorpTaxId>

Presence: [0..1]

Definition: Identification of the company recognized by the taxation authority. Used for reporting corporate-related taxes.

Datatype: "Max35Text" on page 2207

47.1.16.1.4 CorporateTaxIdentificationType <CorpTaxIdTp>

Presence: [0..1]

Definition: Indicates the corporate tax identification type.

Datatype: "CorporateTaxType1Code" on page 2141

CodeName	Name	Definition
SMBS	SmallBusiness	Small Business
OTHR	Other	Other
CORP	Corporate	Corporate

47.1.16.1.5 AdditionalIdentification <AddtId>

Presence: [0..*]

Definition: Contains additional identification information.

AdditionalIdentification <AddtId> contains the following **AdditionalIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1777
	OtherType <OthrTp>	[0..1]	Text		1778
	Value <Val>	[1..1]	Text		1778

47.1.16.1.5.1 Type <Tp>

Presence: [1..1]

Definition: Type of additional identification.

Datatype: "AdditionalIdentificationType1Code" on page 2119

CodeName	Name	Definition
OTHP	OtherPrivate	Other Additional Identification defined at a private level.
OTHN	OtherNational	Other Additional Identification defined at a national level.
ICSN	NAICS	Contains the North American Industry Classification System (NAICS) code assigned to the card acceptor.
ATNU	AustinTetra	Contains the Austin-Tetra Number assigned to the card acceptor.

47.1.16.1.5.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other Additional Identification applied to the transaction.

Datatype: "Max35Text" on page 2207

47.1.16.1.5.3 Value <Val>

Presence: [1..1]

Definition: Additional identification value.

Datatype: "Max35Text" on page 2207

47.1.16.1.6 Characteristics <Chrtcs>

Presence: [0..1]

Definition: Contains various classifications of business ownership characteristics.

Characteristics <Chrtcs> contains the following **AdditionalCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BusinessType <BizTp>	[0..1]			1778
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779
	Owner <Ownr>	[0..1]			1779
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779
	Certification <Certfctn>	[0..1]			1779
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780
	OwnerEthnicity <OwnrEthncty>	[0..1]			1780
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780

47.1.16.1.6.1 BusinessType <BizTp>

Presence: [0..1]

Definition: Identifies the specific classification or type of business.

BusinessType <BizTp> contains the following **AdditionalCharacteristicDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779

47.1.16.1.6.1.1 Type <Tp>

Presence: [1..1]

Definition: Specific type of business.

Datatype: "Max35Text" on page 2207

47.1.16.1.6.1.2 ProvidedBy <PrvddBy>

Presence: [0..1]

Definition: Party that provided the type information.

Datatype: "Max35Text" on page 2207

47.1.16.1.6.2 Owner <Ownr>

Presence: [0..1]

Definition: Identifies specific characteristics about the business owner.

Owner <Ownr> contains the following **AdditionalCharacteristicDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1779
	ProvidedBy <PrvddBy>	[0..1]	Text		1779

47.1.16.1.6.2.1 Type <Tp>

Presence: [1..1]

Definition: Specific type of business.

Datatype: "Max35Text" on page 2207

47.1.16.1.6.2.2 ProvidedBy <PrvddBy>

Presence: [0..1]

Definition: Party that provided the type information.

Datatype: "Max35Text" on page 2207

47.1.16.1.6.3 Certification <Certfctn>

Presence: [0..1]

Definition: Identifies specific characteristics about the business certification type, such as small business, disadvantaged, or other certification type.

Certification <Certfctn> contains the following **AdditionalCharacteristicDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780

47.1.16.1.6.3.1 Type <Tp>

Presence: [1..1]

Definition: Specific type of business.

Datatype: "Max35Text" on page 2207

47.1.16.1.6.3.2 ProvidedBy <PrvddBy>

Presence: [0..1]

Definition: Party that provided the type information.

Datatype: "Max35Text" on page 2207

47.1.16.1.6.4 OwnerEthnicity <OwnrEthncty>

Presence: [0..1]

Definition: Identifies the racial or ethnic type of

the majority owner of the business.

OwnerEthnicity <OwnrEthncty> contains the following **AdditionalCharacteristicDetails1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1780
	ProvidedBy <PrvddBy>	[0..1]	Text		1780

47.1.16.1.6.4.1 Type <Tp>

Presence: [1..1]

Definition: Specific type of business.

Datatype: "Max35Text" on page 2207

47.1.16.1.6.4.2 ProvidedBy <PrvddBy>

Presence: [0..1]

Definition: Party that provided the type information.

Datatype: "Max35Text" on page 2207

47.1.16.1.7 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the card acceptor.

Datatype: "Max350Text" on page 2206

47.1.16.2 PartyIdentification263

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1781
	Assigner <Assgnr>	[0..1]	Text		1781
	Country <Ctry>	[0..1]	CodeSet		1781
	ShortName <ShrtNm>	[0..1]	Text		1781
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1782
	AdditionalIdentification <AddtlId>	[0..1]			1782
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782
	LocalData <LclData>	[0..1]			1782
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtlData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.16.2.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the party.

Datatype: "Max11NumericText" on page 2203

47.1.16.2.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning an identification to a party.

Datatype: "Max35Text" on page 2207

47.1.16.2.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the party.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.2.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max35Text" on page 2207

47.1.16.2.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party

Datatype: "Max99Text" on page 2210

47.1.16.2.6 AdditionalIdentification <AddtIld>

Presence: [0..1]

Definition: Additional identification of the party.

AdditionalIdentification <AddtIld> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1782
	Value <Val>	[0..1]	Text		1782

47.1.16.2.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.2.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.2.7 LocalData <LclData>

Presence: [0..1]

Definition: Contains local language equivalent(s) of data in the current component.

LocalData <LclData> contains the following **LocalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1782
	ShortName <ShrtNm>	[0..1]	Text		1783
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1783
	AdditionalData <AddtIldData>	[0..*]			1783
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.16.2.7.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.16.2.7.2 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max70Text" on page 2209

47.1.16.2.7.3 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party in local language

Datatype: "Max210Text" on page 2205

47.1.16.2.7.4 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1783
	Value <Val>	[0..1]	Text		1783

47.1.16.2.7.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.2.7.4.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.3 PartyIdentification262

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1784
	Assigner <Assgnr>	[0..1]	Text		1784
	Country <Ctry>	[0..1]	CodeSet		1784
	ShortName <ShrtNm>	[0..1]	Text		1784
	AdditionalIdentification <AddtlId>	[0..1]	Text		1784
	ForeignMerchant <FrqnMrchnt>	[0..1]	Indicator		1785
	LocalData <LclData>	[0..1]			1785
	Language <Lang>	[1..1]	CodeSet		1785
	ShortName <ShrtNm>	[0..1]	Text		1785
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1785
	AdditionalData <AddtlData>	[0..*]			1786
	Type <Tp>	[0..1]	Text		1786
	Value <Val>	[0..1]	Text		1786

47.1.16.3.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the party.

Datatype: "Max35Text" on page 2207

47.1.16.3.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning an identification to a party.

Datatype: "Max35Text" on page 2207

47.1.16.3.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the party.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.3.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max35Text" on page 2207

47.1.16.3.5 AdditionalIdentification <AddtlId>

Presence: [0..1]

Definition: Additional identification of the party.

Datatype: "Max35Text" on page 2207

47.1.16.3.6 ForeignMerchant <FrgrnMrcht>

Presence: [0..1]

Definition: Identify when the sponsored merchant is not located in the same country as the marketplace or sponsor.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.16.3.7 LocalData <LclData>

Presence: [0..1]

Definition: Contains local language equivalent(s) of data in the current component.

LocalData <LclData> contains the following **LocalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1785
	ShortName <ShrtNm>	[0..1]	Text		1785
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1785
	AdditionalData <AddtlData>	[0..*]			1786
	Type <Tp>	[0..1]	Text		1786
	Value <Val>	[0..1]	Text		1786

47.1.16.3.7.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.16.3.7.2 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max70Text" on page 2209

47.1.16.3.7.3 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party in local language

Datatype: "Max210Text" on page 2205

47.1.16.3.7.4 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1786
	Value <Val>	[0..1]	Text		1786

47.1.16.3.7.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.3.7.4.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.4 GenericIdentification183

Definition: Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1786
	Type <Tp>	[0..1]	CodeSet		1786
	OtherType <OthrTp>	[0..1]	Text		1787
	Assigner <Assgnr>	[0..1]	CodeSet		1787
	Country <Ctry>	[0..1]	CodeSet		1787
	ShortName <ShrtNm>	[0..1]	Text		1788

47.1.16.4.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the entity.

Datatype: "Max35Text" on page 2207

47.1.16.4.2 Type <Tp>

Presence: [0..1]

Definition: Type of identified entity.

Datatype: "PartyType17Code" on page 2170

CodeName	Name	Definition
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
ACQR	Acquirer	Entity acquiring card transactions.
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.1.16.4.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of identification.

Datatype: "Max35Text" on page 2207

47.1.16.4.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity type in charge of assigning an identification.

Datatype: "PartyType18Code" on page 2170

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.1.16.4.5 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.16.4.6 ShortName <ShrtNm>

Presence: [0..1]

Definition: Name of the entity.

Datatype: "Max35Text" on page 2207

47.1.16.5 PartyIdentification260

Definition: Identification of a party

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1788
	Identification <Id>	[0..1]	±		1788
	Address <Adr>	[0..1]	±		1789
	Contact <Ctct>	[0..1]	±		1790
	Instructions <Instrs>	[0..1]	Text		1790

47.1.16.5.1 Name <Nm>

Presence: [0..1]

Definition: Name of the party.

Datatype: "Max70Text" on page 2209

47.1.16.5.2 Identification <Id>

Presence: [0..1]

Definition: Contains identification details.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.16.5.3 Address <Adr>

Presence: [0..1]

Definition: Address of the customer.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.16.5.4 Contact <Ctct>

Presence: [0..1]

Definition: Contact information related to the customer.

Contact <Ctct> contains the following elements (see "Contact6" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.16.5.5 Instructions <Instrs>

Presence: [0..1]

Definition: Special instructions.

Datatype: "Max350Text" on page 2206

47.1.16.6 PartyIdentification258

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.16.6.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the party.

Datatype: "Max35Text" on page 2207

47.1.16.6.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning an identification to a party.

Datatype: "Max35Text" on page 2207

47.1.16.6.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the party.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.6.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max35Text" on page 2207

47.1.16.6.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party

Datatype: "Max99Text" on page 2210

47.1.16.6.6 AdditionalIdentification <AddtId>

Presence: [0..1]

Definition: Additional identification of the party.

AdditionalIdentification <AddtId> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792

47.1.16.6.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.6.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.6.7 LocalData <LclData>

Presence: [0..1]

Definition: Contains local language equivalent(s) of data in the current component.

LocalData <LclData> contains the following **LocalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.16.6.7.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.16.6.7.2 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max70Text" on page 2209

47.1.16.6.7.3 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party in local language

Datatype: "Max210Text" on page 2205

47.1.16.6.7.4 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.16.6.7.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.6.7.4.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.7 SponsoredMerchant2

Definition: Merchant using the payment services of the card acceptor. The sponsored merchant is not acting as the card acceptor; the latter remaining the only party liable for the transaction vis-à-vis the acquirer.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1794
	CommonName <CmonNm>	[0..1]	Text		1795
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1795
	Address <Adr>	[0..1]	±		1795
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1796
	GeographicLocation <GeogcLctn>	[0..1]	Text		1796
	AdditionalData <AddtlData>	[0..*]			1796
	Type <Tp>	[0..1]	Text		1796
	Value <Val>	[0..1]	Text		1797
	LocalData <LclData>	[0..1]			1797
	Language <Lang>	[1..1]	CodeSet		1797
	CommonName <CmonNm>	[0..1]	Text		1797
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1797
	Address <Adr>	[0..1]	±		1797
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1798
	AdditionalData <AddtlData>	[0..*]			1798
	Type <Tp>	[0..1]	Text		1798
	Value <Val>	[0..1]	Text		1798

47.1.16.7.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the sponsored merchant.

Identification <Id> contains the following elements (see "PartyIdentification262" on page 1783 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1784
	Assigner <Assgnr>	[0..1]	Text		1784
	Country <Ctry>	[0..1]	CodeSet		1784
	ShortName <ShrtNm>	[0..1]	Text		1784
	AdditionalIdentification <AddtlId>	[0..1]	Text		1784
	ForeignMerchant <FrgrMrchnt>	[0..1]	Indicator		1785
	LocalData <LclData>	[0..1]			1785
	Language <Lang>	[1..1]	CodeSet		1785
	ShortName <ShrtNm>	[0..1]	Text		1785
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1785
	AdditionalData <AddtlData>	[0..*]			1786
	Type <Tp>	[0..1]	Text		1786
	Value <Val>	[0..1]	Text		1786

47.1.16.7.2 CommonName <CmonNm>

Presence: [0..1]

Definition: Contains the full name of the sponsored merchant.

Datatype: "Max140Text" on page 2203

47.1.16.7.3 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the sponsored merchant.

Datatype: "Max99Text" on page 2210

47.1.16.7.4 Address <Adr>

Presence: [0..1]

Definition: Address of the sponsored merchant.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.16.7.5 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max256Text" on page 2206

47.1.16.7.6 GeographicLocation <GeogcLctn>

Presence: [0..1]

Definition: Location of the acceptor in latitude/longitude decimal degrees.

Datatype: "GeographicPointInDecimalDegrees" on page 2201

47.1.16.7.7 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional sponsored merchant data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1796
	Value <Val>	[0..1]	Text		1797

47.1.16.7.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.7.7.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.7.8 LocalData <LclData>

Presence: [0..1]

Definition: Contains local language equivalent(s) of data in the current component.

LocalData <LclData> contains the following **LocalData5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1797
	CommonName <CmonNm>	[0..1]	Text		1797
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1797
	Address <Adr>	[0..1]	±		1797
	AdditionalAddressInformation <AddtlAdrlnf>	[0..1]	Text		1798
	AdditionalData <AddtlData>	[0..*]			1798
	Type <Tp>	[0..1]	Text		1798
	Value <Val>	[0..1]	Text		1798

47.1.16.7.8.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.16.7.8.2 CommonName <CmonNm>

Presence: [0..1]

Definition: Contains the full name of the sponsored merchant in the local language.

Datatype: "Max280Text" on page 2206

47.1.16.7.8.3 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party

Datatype: "Max210Text" on page 2205

47.1.16.7.8.4 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see "Address3" on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.16.7.8.5 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max512Text" on page 2209

47.1.16.7.8.6 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1798
	Value <Val>	[0..1]	Text		1798

47.1.16.7.8.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.7.8.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.8 PartyIdentification256

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1799
	Assigner <Assgnr>	[0..1]	Text		1799
	Country <Ctry>	[0..1]	CodeSet		1799
	ShortName <ShrtNm>	[0..1]	Text		1799
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1799
	AdditionalIdentification <AddtlId>	[0..1]			1800
	Type <Tp>	[0..1]	Text		1800
	Value <Val>	[0..1]	Text		1800
	NameAndLocation <NmAndLctn>	[1..1]	Text		1800

47.1.16.8.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the acceptor.

ISO 8583 bit 42

Datatype: "Max35Text" on page 2207

47.1.16.8.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning an identification to a party.

Datatype: "Max35Text" on page 2207

47.1.16.8.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the party.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.8.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max35Text" on page 2207

47.1.16.8.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party

Datatype: "Max99Text" on page 2210

47.1.16.8.6 AdditionalIdentification <AddtId>

Presence: [0..1]

Definition: Additional identification assigned to the party.

AdditionalIdentification <AddtId> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1800
	Value <Val>	[0..1]	Text		1800

47.1.16.8.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.8.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.8.7 NameAndLocation <NmAndLctn>

Presence: [1..1]

Definition: Name and location of the card acceptor. May contain only the name when the location is specified elsewhere.

Datatype: "Max99Text" on page 2210

47.1.16.9 PartyIdentification255

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1802
	Assigner <Assgnr>	[0..1]	Text		1802
	Country <Ctry>	[0..1]	CodeSet		1802
	ShortName <ShrtNm>	[0..1]	Text		1802
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1802
	AdditionalIdentification <AddtlId>	[0..1]			1802
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803
	NameAndLocation <NmAndLctn>	[1..1]	Text		1803
	Address <Adr>	[0..1]	±		1803
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1804
	GeographicLocation <GeogcLctn>	[0..1]	Text		1804
	Email <Email>	[0..1]	Text		1804
	URLAddress <URLAdr>	[0..1]	Text		1804
	PhoneNumber <PhneNb>	[0..1]	Text		1805
	CustomerService <CstmrSvc>	[0..1]	Text		1805
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1805
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1805
	AdditionalData <AddtlData>	[0..*]			1805
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806
	LocalData <LclData>	[0..1]			1806
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807
	Type <Tp>	[0..1]	Text		1808

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		1808
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1808

47.1.16.9.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the acceptor.

ISO 8583 bit 42

Datatype: "Max35Text" on page 2207

47.1.16.9.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Identification of the entity assigning an identification to the acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.9.3 Country <Ctry>

Presence: [0..1]

Definition: Country code of the acceptor.

ISO 8583:87/93 bit 43 & 8583:2003 bit 43-71 (when used for Acceptor Country Code)

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.9.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.9.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party.

Datatype: "Max99Text" on page 2210

47.1.16.9.6 AdditionalIdentification <AddtlId>

Presence: [0..1]

Definition: Additional identification assigned by an agent to an acceptor.

AdditionalIdentification <AddtId> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1803
	Value <Val>	[0..1]	Text		1803

47.1.16.9.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.9.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.9.7 NameAndLocation <NmAndLctn>

Presence: [1..1]

Definition: Name and location of acceptor. May only contain name when the location is specified elsewhere.

Datatype: "Max99Text" on page 2210

47.1.16.9.8 Address <Adr>

Presence: [0..1]

Definition: Address of the entity.

ISO 8583:93 bit 43 & 8583:2003 bit 43-71 (when used for acceptor address)

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.16.9.9 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max256Text" on page 2206

47.1.16.9.10 GeographicLocation <GeogcLctn>

Presence: [0..1]

Definition: Location of the acceptor in latitude/longitude decimal degrees.

Datatype: "GeographicPointInDecimalDegrees" on page 2201

47.1.16.9.11 Email <Email>

Presence: [0..1]

Definition: Electronic mail address.

ISO 8583:2003 bit 43-71 (when used for Acceptor email address)

Datatype: "Max256Text" on page 2206

47.1.16.9.12 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

ISO 8583:2003 bit 43-71 (when used for Acceptor URL)

Datatype: "Max256Text" on page 2206

47.1.16.9.13 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number as defined by telecom services.

ISO 8583:2003 bit 43-71 (when used for Acceptor phone number)

Datatype: "Max35Text" on page 2207

47.1.16.9.14 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

ISO 8583:2003 bit 43-71 (when used for Acceptor customer service phone number)

Datatype: "Max35Text" on page 2207

47.1.16.9.15 AdditionalContactInformation <AddtlCtctInf>

Presence: [0..1]

Definition: Additional information used to facilitate contact with the card acceptor, for instance sales agent name, dispute manager name.

ISO 8583:2003 bit 43-71 (when used for Acceptor additional contact information)

Datatype: "Max256Text" on page 2206

47.1.16.9.16 TaxRegistrationIdentification <TaxRegnId>

Presence: [0..1]

Definition: Identification of a party by its tax registration number.

Datatype: "Max35Text" on page 2207

47.1.16.9.17 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1805
	Value <Val>	[0..1]	Text		1806

47.1.16.9.17.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.9.17.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.9.18 LocalData <LclData>

Presence: [0..1]

Definition: Contains local language equivalent(s) of data in the current component.

LocalData <LclData> contains the following **LocalData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1806
	ShortName <ShrtNm>	[0..1]	Text		1806
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1806
	NameAndLocation <NmAndLctn>	[0..1]	Text		1806
	Address <Adr>	[0..1]	±		1807
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1807
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1807
	AdditionalData <AddtlData>	[0..*]			1807
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808

47.1.16.9.18.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.16.9.18.2 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party in the local language.

Datatype: "Max70Text" on page 2209

47.1.16.9.18.3 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party in the local language

Datatype: "Max210Text" on page 2205

47.1.16.9.18.4 NameAndLocation <NmAndLctn>

Presence: [0..1]

Definition: Name and location of acceptor in the local language. May only contain name when the location is specified elsewhere.

Datatype: "Max200Text" on page 2204

47.1.16.9.18.5 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see "Address3" on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.16.9.18.6 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max512Text" on page 2209

47.1.16.9.18.7 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: "Max512Text" on page 2209

47.1.16.9.18.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1808
	Value <Val>	[0..1]	Text		1808

47.1.16.9.18.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.9.18.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.9.19 SponsoredMerchant <SpnsrdMrchnt>

Presence: [0..*]

Definition: Sponsored merchant is a merchant that uses the payment services of another entity that acts as the card acceptor.

SponsoredMerchant <SpnsrdMrchnt> contains the following elements (see "SponsoredMerchant2" on page 1794 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1794
	CommonName <CmonNm>	[0..1]	Text		1795
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1795
	Address <Adr>	[0..1]	±		1795
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1796
	GeographicLocation <GeogcLctn>	[0..1]	Text		1796
	AdditionalData <AddtlData>	[0..*]			1796
	Type <Tp>	[0..1]	Text		1796
	Value <Val>	[0..1]	Text		1797
	LocalData <LclData>	[0..1]			1797
	Language <Lang>	[1..1]	CodeSet		1797
	CommonName <CmonNm>	[0..1]	Text		1797
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1797
	Address <Adr>	[0..1]	±		1797
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1798
	AdditionalData <AddtlData>	[0..*]			1798
	Type <Tp>	[0..1]	Text		1798
	Value <Val>	[0..1]	Text		1798

47.1.16.10 PartyIdentification254

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1811
	Assigner <Assgnr>	[0..1]	Text		1811
	Country <Ctry>	[0..1]	CodeSet		1811
	ShortName <ShrtNm>	[0..1]	Text		1811
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1811
	AdditionalIdentification <AddtlId>	[0..1]	Text		1811
	NameAndLocation <NmAndLctn>	[0..1]	Text		1811
	Address <Adr>	[0..1]	±		1811
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1812
	GeographicLocation <GeogcLctn>	[0..1]	Text		1812
	Email <Email>	[0..1]	Text		1812
	URLAddress <URLAdr>	[0..1]	Text		1812
	PhoneNumber <PhneNb>	[0..1]	Text		1812
	CustomerService <CstmrSvc>	[0..1]	Text		1813
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1813
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1813
	AdditionalData <AddtlData>	[0..*]			1813
	Type <Tp>	[0..1]	Text		1813
	Value <Val>	[0..1]	Text		1813
	LocalData <LclData>	[0..1]			1813
	Language <Lang>	[1..1]	CodeSet		1814
	ShortName <ShrtNm>	[0..1]	Text		1814
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1814
	NameAndLocation <NmAndLctn>	[0..1]	Text		1814
	Address <Adr>	[0..1]	±		1814
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1815
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1815
	AdditionalData <AddtlData>	[0..*]			1815
	Type <Tp>	[0..1]	Text		1815
	Value <Val>	[0..1]	Text		1815
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1816

47.1.16.10.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the acceptor.

ISO 8583 bit 42

Datatype: "Max35Text" on page 2207

47.1.16.10.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Identification of the entity assigning an identification to the acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.10.3 Country <Ctry>

Presence: [0..1]

Definition: Country code of the acceptor.

ISO 8583 bit 19

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.10.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.10.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party

Datatype: "Max99Text" on page 2210

47.1.16.10.6 AdditionalIdentification <AddtlId>

Presence: [0..1]

Definition: Additional identification assigned by an agent to an acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.10.7 NameAndLocation <NmAndLctn>

Presence: [0..1]

Definition: Name and location of acceptor. May only contain name and not location if the location is specified elsewhere.

Datatype: "Max99Text" on page 2210

47.1.16.10.8 Address <Adr>

Presence: [0..1]

Definition: Address of the entity.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.16.10.9 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max256Text" on page 2206

47.1.16.10.10 GeographicLocation <GeogcLctn>

Presence: [0..1]

Definition: Location of the acceptor in latitude/longitude decimal degrees.

Datatype: "GeographicPointInDecimalDegrees" on page 2201

47.1.16.10.11 Email <Email>

Presence: [0..1]

Definition: Electronic mail address.

Datatype: "Max256Text" on page 2206

47.1.16.10.12 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.16.10.13 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number as defined by telecom services.

Datatype: "Max35Text" on page 2207

47.1.16.10.14 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

Datatype: "Max35Text" on page 2207

47.1.16.10.15 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 2206

47.1.16.10.16 TaxRegistrationIdentification <TaxRegnId>

Presence: [0..1]

Definition: Identification of a party by its tax registration number.

Datatype: "Max35Text" on page 2207

47.1.16.10.17 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1813
	Value <Val>	[0..1]	Text		1813

47.1.16.10.17.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.10.17.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.10.18 LocalData <LclData>

Presence: [0..1]

Definition: Contains local language equivalent(s) of data in the current component.

LocalData <LclData> contains the following **LocalData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1814
	ShortName <ShrtNm>	[0..1]	Text		1814
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1814
	NameAndLocation <NmAndLctn>	[0..1]	Text		1814
	Address <Adr>	[0..1]	±		1814
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1815
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1815
	AdditionalData <AddtlData>	[0..*]			1815
	Type <Tp>	[0..1]	Text		1815
	Value <Val>	[0..1]	Text		1815

47.1.16.10.18.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.16.10.18.2 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party in the local language.

Datatype: "Max70Text" on page 2209

47.1.16.10.18.3 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party in the local language

Datatype: "Max210Text" on page 2205

47.1.16.10.18.4 NameAndLocation <NmAndLctn>

Presence: [0..1]

Definition: Name and location of acceptor in the local language. May only contain name when the location is specified elsewhere.

Datatype: "Max200Text" on page 2204

47.1.16.10.18.5 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see "Address3" on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.16.10.18.6 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max512Text" on page 2209

47.1.16.10.18.7 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: "Max512Text" on page 2209

47.1.16.10.18.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1815
	Value <Val>	[0..1]	Text		1815

47.1.16.10.18.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.10.18.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.10.19 SponsoredMerchant <SpnsrdMrchnt>

Presence: [0..*]

Definition: Sponsored merchant is a merchant that uses the payment services of another entity that acts as the card acceptor.

SponsoredMerchant <SpnsrdMrchnt> contains the following elements (see "[SponsoredMerchant2](#)" on page 1794 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1794
	CommonName <CmonNm>	[0..1]	Text		1795
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1795
	Address <Adr>	[0..1]	±		1795
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1796
	GeographicLocation <GeogcLctn>	[0..1]	Text		1796
	AdditionalData <AddtlData>	[0..*]			1796
	Type <Tp>	[0..1]	Text		1796
	Value <Val>	[0..1]	Text		1797
	LocalData <LclData>	[0..1]			1797
	Language <Lang>	[1..1]	CodeSet		1797
	CommonName <CmonNm>	[0..1]	Text		1797
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1797
	Address <Adr>	[0..1]	±		1797
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1798
	AdditionalData <AddtlData>	[0..*]			1798
	Type <Tp>	[0..1]	Text		1798
	Value <Val>	[0..1]	Text		1798

47.1.16.11 PartyIdentification253

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1818
	Assigner <Assgnr>	[0..1]	Text		1818
	Country <Ctry>	[0..1]	CodeSet		1818
	ShortName <ShrtNm>	[0..1]	Text		1818
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1818
	AdditionalIdentification <AddtlId>	[0..1]	Text		1818
	NameAndLocation <NmAndLctn>	[0..1]	Text		1818
	Address <Adr>	[0..1]	±		1818
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1819
	GeographicLocation <GeogcLctn>	[0..1]	Text		1819
	Email <Email>	[0..1]	Text		1819
	URLAddress <URLAdr>	[0..1]	Text		1819
	PhoneNumber <PhneNb>	[0..1]	Text		1820
	CustomerService <CstmrSvc>	[0..1]	Text		1820
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1820
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1820
	AdditionalData <AddtlData>	[0..*]			1820
	Type <Tp>	[0..1]	Text		1820
	Value <Val>	[0..1]	Text		1821
	LocalData <LclData>	[0..1]			1821
	Language <Lang>	[1..1]	CodeSet		1821
	ShortName <ShrtNm>	[0..1]	Text		1821
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1821
	NameAndLocation <NmAndLctn>	[0..1]	Text		1821
	Address <Adr>	[0..1]	±		1822
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1822
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1822
	AdditionalData <AddtlData>	[0..*]			1822
	Type <Tp>	[0..1]	Text		1823
	Value <Val>	[0..1]	Text		1823
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1823

47.1.16.11.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the acceptor.

ISO 8583 bit 42

Datatype: "Max35Text" on page 2207

47.1.16.11.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Identification of the entity assigning an identification to the acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.11.3 Country <Ctry>

Presence: [0..1]

Definition: Country code of the acceptor.

ISO 8583:87/93 bit 43 & 8583:2003 bit 43-71 (when used for Acceptor Country Code)

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.11.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.11.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party.

Datatype: "Max99Text" on page 2210

47.1.16.11.6 AdditionalIdentification <AddtlId>

Presence: [0..1]

Definition: Additional identification assigned by an agent to an acceptor.

Datatype: "Max35Text" on page 2207

47.1.16.11.7 NameAndLocation <NmAndLctn>

Presence: [0..1]

Definition: Name and location of acceptor. May only contain name when the location is specified elsewhere.

Datatype: "Max99Text" on page 2210

47.1.16.11.8 Address <Adr>

Presence: [0..1]

Definition: Address of the entity.

ISO 8583:93 bit 43 & 8583:2003 bit 43-71 (when used for acceptor address)

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.16.11.9 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max256Text" on page 2206

47.1.16.11.10 GeographicLocation <GeogcLctn>

Presence: [0..1]

Definition: Location of the acceptor in latitude/longitude decimal degrees.

Datatype: "GeographicPointInDecimalDegrees" on page 2201

47.1.16.11.11 Email <Email>

Presence: [0..1]

Definition: Electronic mail address.

ISO 8583:2003 bit 43-71 (when used for Acceptor email address)

Datatype: "Max256Text" on page 2206

47.1.16.11.12 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

ISO 8583:2003 bit 43-71 (when used for Acceptor URL)

Datatype: "Max256Text" on page 2206

47.1.16.11.13 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Collection of information that identifies a phone number as defined by telecom services.

Datatype: "Max35Text" on page 2207

47.1.16.11.14 CustomerService <CstmrSvc>

Presence: [0..1]

Definition: Phone number of the customer service.

ISO 8583:2003 bit 43-71 (when used for Acceptor customer service phone number)

Datatype: "Max35Text" on page 2207

47.1.16.11.15 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 2206

47.1.16.11.16 TaxRegistrationIdentification <TaxRegnId>

Presence: [0..1]

Definition: Identification of a party by its tax registration number.

Datatype: "Max35Text" on page 2207

47.1.16.11.17 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Contains additional data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1820
	Value <Val>	[0..1]	Text		1821

47.1.16.11.17.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.11.17.2 Value <Val>*Presence:* [0..1]*Definition:* Value of a specific type of data.*Datatype:* "Max2048Text" on page 2205**47.1.16.11.18 LocalData <LclData>***Presence:* [0..1]*Definition:* Contains local language equivalent(s) of data in the current component.**LocalData <LclData>** contains the following **LocalData4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1821
	ShortName <ShrtNm>	[0..1]	Text		1821
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1821
	NameAndLocation <NmAndLctn>	[0..1]	Text		1821
	Address <Adr>	[0..1]	±		1822
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1822
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1822
	AdditionalData <AddtlData>	[0..*]			1822
	Type <Tp>	[0..1]	Text		1823
	Value <Val>	[0..1]	Text		1823

47.1.16.11.18.1 Language <Lang>*Presence:* [1..1]*Definition:* The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.*Datatype:* "ISOMax3ALanguageCode" on page 2158**47.1.16.11.18.2 ShortName <ShrtNm>***Presence:* [0..1]*Definition:* Short name of the party in the local language.*Datatype:* "Max70Text" on page 2209**47.1.16.11.18.3 LegalCorporateName <LglCorpNm>***Presence:* [0..1]*Definition:* Legal Corporate Name of the party in the local language*Datatype:* "Max210Text" on page 2205**47.1.16.11.18.4 NameAndLocation <NmAndLctn>***Presence:* [0..1]

Definition: Name and location of acceptor in the local language. May only contain name when the location is specified elsewhere.

Datatype: "Max200Text" on page 2204

47.1.16.11.18.5 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see "Address3" on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.16.11.18.6 AdditionalAddressInformation <AddtlAdrInf>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max512Text" on page 2209

47.1.16.11.18.7 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: "Max512Text" on page 2209

47.1.16.11.18.8 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1823
	Value <Val>	[0..1]	Text		1823

47.1.16.11.18.8.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.16.11.18.8.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.16.11.19 SponsoredMerchant <SpnsrdMrchnt>

Presence: [0..*]

Definition: Sponsored merchant is a merchant that uses the payment services of another entity that acts as the card acceptor.

SponsoredMerchant <SpnsrdMrchnt> contains the following elements (see "SponsoredMerchant2" on page 1794 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	±		1794
	CommonName <CmonNm>	[0..1]	Text		1795
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1795
	Address <Adr>	[0..1]	±		1795
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1796
	GeographicLocation <GeogcLctn>	[0..1]	Text		1796
	AdditionalData <AddtlData>	[0..*]			1796
	Type <Tp>	[0..1]	Text		1796
	Value <Val>	[0..1]	Text		1797
	LocalData <LclData>	[0..1]			1797
	Language <Lang>	[1..1]	CodeSet		1797
	CommonName <CmonNm>	[0..1]	Text		1797
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1797
	Address <Adr>	[0..1]	±		1797
	AdditionalAddressInformation <AddtlAdrInf>	[0..1]	Text		1798
	AdditionalData <AddtlData>	[0..*]			1798
	Type <Tp>	[0..1]	Text		1798
	Value <Val>	[0..1]	Text		1798

47.1.16.12 PartyIdentification197

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1824
	Assigner <Assgnr>	[0..1]	Text		1824
	Country <Ctry>	[0..1]	CodeSet		1824
	ShortName <ShrtNm>	[0..1]	Text		1824
	AdditionalIdentification <AddtlId>	[0..1]	Text		1824

47.1.16.12.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the party.

Datatype: "Max35Text" on page 2207

47.1.16.12.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning an identification to a party.

Datatype: "Max35Text" on page 2207

47.1.16.12.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the party.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.16.12.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max35Text" on page 2207

47.1.16.12.5 AdditionalIdentification <AddtlId>

Presence: [0..1]

Definition: Additional identification of the party.

Datatype: "Max35Text" on page 2207

47.1.17 Party Identification

47.1.17.1 Contact6

Definition: Details of a contact person.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.17.1.1 HomePhoneNumber <HomePhneNb>

Presence: [0..1]

Definition: Home phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.17.1.2 BusinessPhoneNumber <BizPhneNb>

Presence: [0..1]

Definition: Business phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.17.1.3 MobilePhoneNumber <MobPhneNb>

Presence: [0..1]

Definition: Mobile phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.17.1.4 OtherPhoneNumber <OthrPhneNb>

Presence: [0..1]

Definition: Other phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.17.1.5 PersonalEmailAddress <PrsnlEmailAdr>

Presence: [0..1]

Definition: Personal email address of contact.

Datatype: "Max256Text" on page 2206

47.1.17.1.6 BusinessEmailAddress <BizEmailAdr>

Presence: [0..1]

Definition: Business email address of contact.

Datatype: "Max256Text" on page 2206

47.1.17.1.7 OtherEmailAddress <OthrEmailAdr>

Presence: [0..1]

Definition: Other email address of contact.

Datatype: "Max256Text" on page 2206

47.1.17.1.8 HomeFaxNumber <HomeFaxNb>

Presence: [0..1]

Definition: Home fax number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.17.1.9 BusinessFaxNumber <BizFaxNb>

Presence: [0..1]

Definition: Business fax number, as defined by telecom services.

Datatype: "PhoneNumber" on page 2211

47.1.17.1.10 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.17.1.11 Language <Lang>

Presence: [0..1]

Definition: Language of the contact.

Impacted by: C2 "ValidationByTable"

Datatype: "LanguageCode" on page 2159

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

47.1.17.2 PartyIdentification261

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Code <Cd>	[0..1]	Text		1827
	Assigner <Assgnr>	[0..1]	Text		1827
	IATACode <IATACd>	[0..1]	Text		1827
	Name <Nm>	[0..1]	Text		1827
	ShortName <ShrtNm>	[0..1]	Text		1827
	Address <Adr>	[0..1]	±		1827
	Contact <Ctct>	[0..1]	±		1828

47.1.17.2.1 Code <Cd>

Presence: [0..1]

Definition: Contains an agency code or name.

Datatype: "Max35Text" on page 2207

47.1.17.2.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Assigner of the code.

Datatype: "Max35Text" on page 2207

47.1.17.2.3 IATACode <IATACd>

Presence: [0..1]

Definition: Contains the International Air Transport Association (IATA) code identifying the company that purchased the ticket.

Datatype: "Max35Text" on page 2207

47.1.17.2.4 Name <Nm>

Presence: [0..1]

Definition: Name of the company.

Datatype: "Max70Text" on page 2209

47.1.17.2.5 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the company.

Datatype: "Max35Text" on page 2207

47.1.17.2.6 Address <Adr>

Presence: [0..1]

Definition: Address of the customer.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.17.2.7 Contact <Ctct>

Presence: [0..1]

Definition: Contact information related to the customer.

Contact <Ctct> contains the following elements (see "Contact6" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.17.3 VehicleRentalCompany2

Definition: Company in charge of a vehicle rental service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1829
	Identification <Id>	[0..1]	±		1829
	Address <Adr>	[0..1]	±		1830
	Contact <Ctct>	[0..1]			1831
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1831
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1831
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1832
	Email <Email>	[0..1]	Text		1832
	FaxNumber <FaxNb>	[0..1]	Text		1832
	URLAddress <URLAdr>	[0..1]	Text		1832
	Language <Lang>	[0..1]	CodeSet	C2	1832
	Country <Ctry>	[0..1]	CodeSet		1832
	Type <Tp>	[0..1]	CodeSet		1832
	OtherType <OthrTp>	[0..1]	Text		1833

47.1.17.3.1 Name <Nm>

Presence: [0..1]

Definition: Name of the vehicle rental company.

Datatype: "Max70Text" on page 2209

47.1.17.3.2 Identification <Id>

Presence: [0..1]

Definition: Identification of the vehicle rental company.

Identification <Id> contains the following elements (see "PartyIdentification258" on page 1791 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1791
	Assigner <Assgnr>	[0..1]	Text		1791
	Country <Ctry>	[0..1]	CodeSet		1791
	ShortName <ShrtNm>	[0..1]	Text		1792
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1792
	AdditionalIdentification <AddtlId>	[0..1]			1792
	Type <Tp>	[0..1]	Text		1792
	Value <Val>	[0..1]	Text		1792
	LocalData <LclData>	[0..1]			1792
	Language <Lang>	[1..1]	CodeSet		1793
	ShortName <ShrtNm>	[0..1]	Text		1793
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1793
	AdditionalData <AddtlData>	[0..*]			1793
	Type <Tp>	[0..1]	Text		1793
	Value <Val>	[0..1]	Text		1794

47.1.17.3.3 Address <Adr>

Presence: [0..1]

Definition: Address of the vehicle rental company.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.17.3.4 Contact <Ctct>

Presence: [0..1]

Definition: Contact details at vehicle rental company location.

Contact <Ctct> contains the following **Contact3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CentralPhoneNumber <CntrlPhneNb>	[0..1]	Text		1831
	PropertyPhoneNumber <PrprtyPhneNb>	[0..1]	Text		1831
	TollFreePhoneNumber <TollFreePhneNb>	[0..1]	Text		1832
	Email <Email>	[0..1]	Text		1832
	FaxNumber <FaxNb>	[0..1]	Text		1832
	URLAddress <URLAdr>	[0..1]	Text		1832
	Language <Lang>	[0..1]	CodeSet	C2	1832

47.1.17.3.4.1 CentralPhoneNumber <CntrlPhneNb>

Presence: [0..1]

Definition: Central phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.17.3.4.2 PropertyPhoneNumber <PrprtyPhneNb>

Presence: [0..1]

Definition: Property phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.17.3.4.3 TollFreePhoneNumber <TollFreePhneNb>

Presence: [0..1]

Definition: Toll-free phone number for the contact.

Datatype: "PhoneNumber" on page 2211

47.1.17.3.4.4 Email <Email>

Presence: [0..1]

Definition: Email address of contact.

Datatype: "Max256Text" on page 2206

47.1.17.3.4.5 FaxNumber <FaxNb>

Presence: [0..1]

Definition: Fax phone number.

Datatype: "PhoneNumber" on page 2211

47.1.17.3.4.6 URLAddress <URLAdr>

Presence: [0..1]

Definition: Universal Resource Locator (URL) address.

Datatype: "Max256Text" on page 2206

47.1.17.3.4.7 Language <Lang>

Presence: [0..1]

Definition: Language of the contact.

Impacted by: C2 "ValidationByTable"

Datatype: "LanguageCode" on page 2159

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

47.1.17.3.5 Country <Ctry>

Presence: [0..1]

Definition: Country of the vehicle rental company.

ISO 3166

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.17.3.6 Type <Tp>

Presence: [0..1]

Definition: Type of vehicle rental activity.

Datatype: "CarRentalActivity1Code" on page 2138

CodeName	Name	Definition
CARS	CarSharing	Company specialised in car sharing activities.
GLBL	Global	Global car rental activities.
INDV	Individual	Individual renting a car.
PETP	PeerToPeer	Peer to peer car rental activities.
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
OTHR	Other	Other type of car rental activity.

47.1.17.3.7 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of vehicle rental activity.

Datatype: "Max35Text" on page 2207

47.1.17.4 PartyIdentification257

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1833
	Customer <Cstmr>	[0..1]	±		1834

47.1.17.4.1 FinancialInstitution <FI>

Presence: [0..1]

Definition: Financial institution-related data required by business and/or regulation (for example, money or funds transfer).

FinancialInstitution <FI> contains the following elements (see "FinancialInstitution7" on page 1696 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1697
	Name <Nm>	[0..1]	Text		1697
	Address <Adr>	[0..1]	±		1697
	Email <Email>	[0..1]	Text		1698
	URLAddress <URLAdr>	[0..1]	Text		1698
	PhoneNumber <PhneNb>	[0..1]	Text		1698
	CustomerService <CstmrSvc>	[0..1]	Text		1698
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1698
	LocalData <LclData>	[0..1]			1699
	Language <Lang>	[1..1]	CodeSet		1699
	Name <Nm>	[0..1]	Text		1699
	Address <Adr>	[0..1]	±		1699
	AdditionalContactInformation <AddtlCtctInf>	[0..1]	Text		1700
	AdditionalData <AddtlData>	[0..*]			1700
	Type <Tp>	[0..1]	Text		1700
	Value <Val>	[0..1]	Text		1700

47.1.17.4.2 Customer <Cstmr>

Presence: [0..1]

Definition: Customer-related data required by business and/or regulation (for example, money or funds transfer).

Customer <Cstmr> contains the following elements (see "Customer7" on page 1848 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerIdentification <Cstmrid>	[0..1]	Text		1848
	CustomerDesignation <CstmrDsgnt>	[0..1]	Text		1848
	Name <Nm>	[0..1]	±		1848
	Address <Adr>	[0..1]	±		1849
	ContactInformation <CtctInf>	[0..1]	±		1849
	Credentials <Crntls>	[0..*]	±		1850
	Nationality <Ntlty>	[0..1]	CodeSet		1850
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1851
	DateOfBirth <DtOfBirth>	[0..1]	Date		1851
	LocalData <LclData>	[0..1]			1851
	Language <Lang>	[1..1]	CodeSet		1851
	Name <Nm>	[0..1]	±		1851
	Address <Adr>	[0..1]	±		1852
	AdditionalData <AddtlData>	[0..*]			1852
	Type <Tp>	[0..1]	Text		1852
	Value <Val>	[0..1]	Text		1853
	AdditionalData <AddtlData>	[0..*]			1853
	Type <Tp>	[0..1]	Text		1853
	Value <Val>	[0..1]	Text		1853

47.1.17.5 PartyIdentification210

Definition: Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PersonalIdentification <PrsnlId>	[0..1]	Text		1835
	EmployeeIdentification <Mplyeeld>	[0..1]	Text		1836
	Name <Nm>	[0..1]	Text		1836
	ProfessionalLevel <PrfssnlLvl>	[0..1]	Text		1836

47.1.17.5.1 PersonalIdentification <PrsnlId>

Presence: [0..1]

Definition: Contains the personal ID associated with the individual working in a temporary capacity.

Datatype: "Max35Text" on page 2207

47.1.17.5.2 EmployeeIdentification <MplyeId>

Presence: [0..1]

Definition: Contains the company-provided ID associated with the individual working in a temporary capacity.

Datatype: "PhoneNumber" on page 2211

47.1.17.5.3 Name <Nm>

Presence: [0..1]

Definition: Contains the name of the individual working in a temporary capacity.

Datatype: "Max70Text" on page 2209

47.1.17.5.4 ProfessionalLevel <PrfssnILvl>

Presence: [0..1]

Definition: Contains the professional level of the individual working in a temporary capacity.

Datatype: "Max35Text" on page 2207

47.1.17.6 Originator1

Definition: Originator of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1836
	Assigner <Assgnr>	[0..1]	Text		1836
	Country <Ctry>	[0..1]	CodeSet		1836
	ShortName <ShrtNm>	[0..1]	Text		1837

47.1.17.6.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the originator of the transaction.

Datatype: "Max35Text" on page 2207

47.1.17.6.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Identification of the entity assigning the originator identification.

Datatype: "Max35Text" on page 2207

47.1.17.6.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the originator.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.17.6.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the originator.

Datatype: "Max35Text" on page 2207

47.1.17.7 Destination1

Definition: Destination of the message.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1837
	Assigner <Assgnr>	[0..1]	Text		1837
	Country <Ctry>	[0..1]	CodeSet		1837
	ShortName <ShrtNm>	[0..1]	Text		1837

47.1.17.7.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the destination of the transaction.

Datatype: "Max35Text" on page 2207

47.1.17.7.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Identification of the entity assigning the destination identification.

Datatype: "Max35Text" on page 2207

47.1.17.7.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the destination.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.17.7.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the destination.

Datatype: "Max35Text" on page 2207

47.1.18 Person Identification

47.1.18.1 PINData1

Definition: Attributes of a cardholder PIN.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1838
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1838
	DerivedInformation <DrvdInf>	[0..1]	Text		1838
	Algorithm <Algo>	[0..1]	Text		1839
	KeyLength <KeyLngth>	[0..1]	Text		1839
	KeyProtection <KeyPrctn>	[0..1]	Text		1839
	KeyIndex <KeyIndx>	[0..1]	Text		1839
	PINBlockFormat <PINBlckFmt>	[1..1]	Text		1839
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	Text		1839

47.1.18.1.1 Control <Ctrl>

Presence: [0..1]

Definition: Identifies the key management scheme and associated control field format.

ISO 13492

Binary, length of 1

Datatype: "Exact1HexBinaryText" on page 2200

47.1.18.1.2 KeySetIdentifier <KeySetIdr>

Presence: [0..1]

Definition: key-set identifier is a number that uniquely identifies a group of related keys that are all different but have certain characteristics in common.

ISO 13492

lengths of 6 or 8

Datatype: "Max8NumericText" on page 2210

47.1.18.1.3 DerivedInformation <DrvdInf>

Presence: [0..1]

Definition: Contains Derived Info or Device ID and Transaction Counter.

ISO 13492

Binary, lengths of 5, 8, 16 or 32

Datatype: "Max32HexBinaryText" on page 2206

47.1.18.1.4 Algorithm <Algo>

Presence: [0..1]

Definition: Used to select the encryption algorithm to encipher the keys contained in the associated key management data element.

ISO 13492

Datatype: "Max2NumericText" on page 2206

47.1.18.1.5 KeyLength <KeyLngth>

Presence: [0..1]

Definition: Specifies the length of the keys being transported, not the encrypting key.

ISO 13492

Datatype: "Max4NumericText" on page 2208

47.1.18.1.6 KeyProtection <KeyPrtn>

Presence: [0..1]

Definition: Mechanism used to provide key confidentiality and integrity.

ISO 13492

Datatype: "Max2NumericText" on page 2206

47.1.18.1.7 KeyIndex <KeyIndx>

Presence: [0..1]

Definition: Identifies a unique key set when multiple keys with the same key set identifier are used (for example, key rotation).

ISO 13492

Length of 2 or 5

Datatype: "Max5NumericText" on page 2209

47.1.18.1.8 PINBlockFormat <PINBlckFrmt>

Presence: [1..1]

Definition: As defined in ISO 9564-1.

Datatype: "Max2NumericText" on page 2206

47.1.18.1.9 EncryptedPINBlock <NcrptdPINBlck>

Presence: [1..1]

Definition: As defined in ISO 9564-1.

Binary, length of 8 or 16

Datatype: "Max16HexBinaryText" on page 2203

47.1.18.2 LoyaltyMember2

Definition: Details about a member of a loyalty programme.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1840
	Address <Adr>	[0..1]	±		1840
	Identification <Id>	[0..1]	Text		1841
	MemberStatus <MmbSts>	[0..1]	Text		1841
	ExpirationDate <XprtnDt>	[0..1]	Date		1841
	LoyaltyValue <LtyVal>	[0..1]	Text		1841
	LoyaltyValueType <LtyValTp>	[0..1]	CodeSet		1841
	OtherLoyaltyValueType <OthrLtyValTp>	[0..1]	Text		1842
	ValueToCredit <ValToCdt>	[0..1]	Text		1842
	ValueToDebit <ValToDbt>	[0..1]	Text		1842
	Balance <Bal>	[0..1]	Text		1842

47.1.18.2.1 Name <Nm>

Presence: [0..1]

Definition: Name of the member of the loyalty programme.

Name <Nm> contains the following elements (see "[CardholderName3](#)" on page 1758 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1758
	GivenName <GvnNm>	[0..1]	Text		1758
	MiddleName <MddlNm>	[0..1]	Text		1758
	LastName <LastNm>	[0..1]	Text		1759

47.1.18.2.2 Address <Adr>

Presence: [0..1]

Definition: Address of the loyalty member.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.18.2.3 Identification <Id>

Presence: [0..1]

Definition: Identification of the member of the loyalty programme.

Datatype: "Max35Text" on page 2207

47.1.18.2.4 MemberStatus <MmbSts>

Presence: [0..1]

Definition: Status of the loyalty programme member for the programme.

Datatype: "Max35Text" on page 2207

47.1.18.2.5 ExpirationDate <XprtnDt>

Presence: [0..1]

Definition: Expiration date of the loyalty programme.

Datatype: "ISODate" on page 2196

47.1.18.2.6 LoyaltyValue <LltyVal>

Presence: [0..1]

Definition: Value expressed in type of value for the loyalty programme.

Datatype: "Max10NumericText" on page 2202

47.1.18.2.7 LoyaltyValueType <LltyValTp>

Presence: [0..1]

Definition: Type of value used for the loyalty programme.

Datatype: "LoyaltyValueType1Code" on page 2162

CodeName	Name	Definition
MILE	Miles	Value expressed in miles.
MONE	Monetary	Value expressed in monetary units.
OTHR	Other	Value expressed in any other type of loyalty value.
POIN	Points	Value expressed in points.
PRIV	PrivateCurrency	Value expressed in a private currency.

47.1.18.2.8 OtherLoyaltyValueType <OthrLltyValTp>

Presence: [0..1]

Definition: Other type of loyalty value used for the programme.

Datatype: "Max35Text" on page 2207

47.1.18.2.9 ValueToCredit <ValToCdt>

Presence: [0..1]

Definition: Value to be credited on the account of the loyalty programme member. Computed on the monetary part actually paid by the customer for the service.

Datatype: "Max10NumericText" on page 2202

47.1.18.2.10 ValueToDebit <ValToDbt>

Presence: [0..1]

Definition: Value to be debited from the account of the loyalty programme member. Computed on the monetary part actually redeemed by the customer for the service.

Datatype: "Max10NumericText" on page 2202

47.1.18.2.11 Balance <Bal>

Presence: [0..1]

Definition: Value on the account of the loyalty programme member after credit (computation on actual payment in monetary value) and debit (redemption in loyalty value).

Datatype: "Max10NumericText" on page 2202

47.1.18.3 Customer8

Definition: Details of the customer

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1843
	Identification <Id>	[1..1]			1843
	Type <Tp>	[1..1]	Text		1843
	OtherType <OthrTp>	[0..1]	Text		1843
	Identification <Id>	[1..1]	Text		1844
	Assigner <Assgnr>	[0..1]	Text		1844
	CustomerFileReferenceNumber <CstmrFileRefNb>	[0..1]	Text		1844
	Age <Age>	[0..1]	Text		1844
	Address <Adr>	[0..1]	±		1844
	Contact <Ctct>	[0..1]	±		1845

47.1.18.3.1 Name <Nm>

Presence: [0..1]

Definition: Name of the customer.

Datatype: "Max70Text" on page 2209

47.1.18.3.2 Identification <Id>

Presence: [1..1]

Definition: Details of the party identification.

Identification <Id> contains the following **PartyIdentification208** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1843
	OtherType <OthrTp>	[0..1]	Text		1843
	Identification <Id>	[1..1]	Text		1844
	Assigner <Assgnr>	[0..1]	Text		1844

47.1.18.3.2.1 Type <Tp>

Presence: [1..1]

Definition: Type of identification.

Datatype: "Max4Text" on page 2208

47.1.18.3.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of identification.

Datatype: "Max35Text" on page 2207

47.1.18.3.2.3 Identification <Id>

Presence: [1..1]

Definition: Identification of the party.

Datatype: "Max70Text" on page 2209

47.1.18.3.2.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning an identification to a party.

Datatype: "Max35Text" on page 2207

47.1.18.3.3 CustomerFileReferenceNumber <CstmrFileRefNb>

Presence: [0..1]

Definition: Number or code assigned by an airline, company or other party to track or uniquely identify a person, department or project.

Datatype: "Max70Text" on page 2209

47.1.18.3.4 Age <Age>

Presence: [0..1]

Definition: Age of the customer.

Datatype: "Max2NumericText" on page 2206

47.1.18.3.5 Address <Adr>

Presence: [0..1]

Definition: Address details of the customer.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.18.3.6 Contact <Ctct>

Presence: [0..1]

Definition: Contact information related to the customer.

Contact <Ctct> contains the following elements (see "Contact6" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.18.4 Credentials2

Definition: Contains credential information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IdentificationCode <IdCd>	[1..1]	CodeSet		1845
	OtherIdentificationCode <OthrIdCd>	[0..1]	Text		1846
	IdentificationValue <IdVal>	[1..1]	Text		1846
	IdentificationExpiryDate <IdXpryDt>	[0..1]	YearMonth		1846
	AssignerAuthority <AssgnrAuthrty>	[0..1]			1846
	Country <Ctry>	[0..1]	CodeSet		1847
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1847
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1847
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1847
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1847
	Name <Nm>	[0..1]	Text		1847

47.1.18.4.1 IdentificationCode <IdCd>

Presence: [1..1]

Definition: Identification of the type of credential.

Datatype: "Identification3Code" on page 2154

CodeName	Name	Definition
DRID	DriverLicenceIdentification	Driver licence identification.
NTID	NationalIdentifier	National identification.
PASS	PassportNumber	Passport number.
SSYN	SocialSecurityNumber	Social security number.
ARNB	AlienRegistrationNumber	Alien registration number.
OTHP	OtherPrivate	Other identification provided at private level.
OTHN	OtherNational	Other identification assigned at national level.
EMAL	Email	E-mail.
PHNB	PhoneNumber	Phone number.
CUID	CustomerIdentification	Identification of customer.
TXID	TaxIdentifier	Tax identifier.
PRXY	Proxy	Proxy

47.1.18.4.2 OtherIdentificationCode <OthrIdCd>

Presence: [0..1]

Definition: Used when OtherNational or OtherPrivate value is selected in identification code list.

Datatype: "Max35Text" on page 2207

47.1.18.4.3 IdentificationValue <IdVal>

Presence: [1..1]

Definition: Value of identification.

Datatype: "Max70Text" on page 2209

47.1.18.4.4 IdentificationExpiryDate <IdXpryDt>

Presence: [0..1]

Definition: Expiration date of the identification.

Datatype: "ISOYearMonth" on page 2212

47.1.18.4.5 AssignerAuthority <AssgnrAuthrty>

Presence: [0..1]

Definition: Entity that assigns and manages this type of identification.

AssignerAuthority <AssgnrAuthrty> contains the following **Authority1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Country <Ctry>	[0..1]	CodeSet		1847
	CountrySubDivisionMajor <CtrySubDvsnmjr>	[0..1]	CodeSet		1847
	CountrySubDivisionMinor <CtrySubDvsnmnr>	[0..1]	CodeSet		1847
	CountrySubDivisionMajorName <CtrySubDvsnmjrn>	[0..1]	Text		1847
	CountrySubDivisionMinorName <CtrySubDvsnmnrnm>	[0..1]	Text		1847
	Name <Nm>	[0..1]	Text		1847

47.1.18.4.5.1 Country <Ctry>

Presence: [0..1]

Definition: Country code of the authority.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.18.4.5.2 CountrySubDivisionMajor <CtrySubDvsnmjr>

Presence: [0..1]

Definition: Code that identifies a major subdivision of a country, for instance state, province.

Datatype: "ISOCountrySubDivisionCode" on page 2157

47.1.18.4.5.3 CountrySubDivisionMinor <CtrySubDvsnmnr>

Presence: [0..1]

Definition: Code that identifies a minor subdivision of a country, for instance county, prefecture.

Datatype: "ISOCountrySubDivisionCode" on page 2157

47.1.18.4.5.4 CountrySubDivisionMajorName <CtrySubDvsnmjrn>

Presence: [0..1]

Definition: Name of a major subdivision of a country, for instance county, prefecture.

Datatype: "Max50Text" on page 2208

47.1.18.4.5.5 CountrySubDivisionMinorName <CtrySubDvsnmnrnm>

Presence: [0..1]

Definition: Name of a minor subdivision of a country, for instance county, prefecture.

Datatype: "Max50Text" on page 2208

47.1.18.4.5.6 Name <Nm>

Presence: [0..1]

Definition: City name

Datatype: "Max50Text" on page 2208

47.1.18.5 Customer7

Definition: Identifies the customer in a transfer of money.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerIdentification <CstmrlId>	[0..1]	Text		1848
	CustomerDesignation <CstmrDsgnt>	[0..1]	Text		1848
	Name <Nm>	[0..1]	±		1848
	Address <Adr>	[0..1]	±		1849
	ContactInformation <CtctInf>	[0..1]	±		1849
	Credentials <Crdntls>	[0..*]	±		1850
	Nationality <Ntlty>	[0..1]	CodeSet		1850
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1851
	DateOfBirth <DtOfBirth>	[0..1]	Date		1851
	LocalData <LclData>	[0..1]			1851
	Language <Lang>	[1..1]	CodeSet		1851
	Name <Nm>	[0..1]	±		1851
	Address <Adr>	[0..1]	±		1852
	AdditionalData <AddtlData>	[0..*]			1852
	Type <Tp>	[0..1]	Text		1852
	Value <Val>	[0..1]	Text		1853
	AdditionalData <AddtlData>	[0..*]			1853
	Type <Tp>	[0..1]	Text		1853
	Value <Val>	[0..1]	Text		1853

47.1.18.5.1 CustomerIdentification <CstmrlId>

Presence: [0..1]

Definition: Identification of the customer assigned by a party.

Datatype: "Max35Text" on page 2207

47.1.18.5.2 CustomerDesignation <CstmrDsgnt>

Presence: [0..1]

Definition: Identifies the specific customer when multiple customers are associated with the same account.

Datatype: "Max2NumericText" on page 2206

47.1.18.5.3 Name <Nm>

Presence: [0..1]

Definition: Name of the financial customer.

Name <Nm> contains the following elements (see "CardholderName3" on page 1758 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1758
	GivenName <GvnNm>	[0..1]	Text		1758
	MiddleName <MddlNm>	[0..1]	Text		1758
	LastName <LastNm>	[0..1]	Text		1759

47.1.18.5.4 Address <Adr>

Presence: [0..1]

Definition: Address of the financial customer.

Address <Adr> contains the following elements (see "Address2" on page 1343 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1344
	AddressLine2 <AdrLine2>	[0..1]	Text		1344
	StreetName <StrtNm>	[0..1]	Text		1344
	BuildingNumber <BldgNb>	[0..1]	Text		1344
	PostalCode <PstlCd>	[0..1]	Text		1344
	TownName <TwnNm>	[0..1]	Text		1344
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1344
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1345
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1345
	Country <Ctry>	[0..1]	CodeSet		1345

47.1.18.5.5 ContactInformation <CtctInf>

Presence: [0..1]

Definition: Detail contact information of the customer.

ContactInformation <CtctInf> contains the following elements (see "[Contact6](#)" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.18.5.6 Credentials <Crdrntls>

Presence: [0..*]

Definition: Credentials of the financial customer.

Credentials <Crdrntls> contains the following elements (see "[Credentials2](#)" on page 1845 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	IdentificationCode <IdCd>	[1..1]	CodeSet		1845
	OtherIdentificationCode <OthrIdCd>	[0..1]	Text		1846
	IdentificationValue <IdVal>	[1..1]	Text		1846
	IdentificationExpiryDate <IdXpryDt>	[0..1]	YearMonth		1846
	AssignerAuthority <AssgnrAuthrty>	[0..1]			1846
	Country <Ctry>	[0..1]	CodeSet		1847
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1847
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1847
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1847
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1847
	Name <Nm>	[0..1]	Text		1847

47.1.18.5.7 Nationality <Ntlty>

Presence: [0..1]

Definition: Nationality information (ISO 3166-1 alpha-2 or alpha-3)

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.18.5.8 CountryOfBirth <CtryOfBirth>

Presence: [0..1]

Definition: Country of Birth information (ISO 3166-1 alpha-2 or alpha-3)

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.18.5.9 DateOfBirth <DtOfBirth>

Presence: [0..1]

Definition: Date of birth of the party.

Datatype: "ISODate" on page 2196

47.1.18.5.10 LocalData <LclData>

Presence: [0..1]

Definition: Contains text fields in the local language.

LocalData <LclData> contains the following **LocalData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1851
	Name <Nm>	[0..1]	±		1851
	Address <Adr>	[0..1]	±		1852
	AdditionalData <AddtlData>	[0..*]			1852
	Type <Tp>	[0..1]	Text		1852
	Value <Val>	[0..1]	Text		1853

47.1.18.5.10.1 Language <Lang>

Presence: [1..1]

Definition: The language code conforming to ISO 639-1 that identifies the language in which the fields are expressed in this component.

Datatype: "ISOMax3ALanguageCode" on page 2158

47.1.18.5.10.2 Name <Nm>

Presence: [0..1]

Definition: Name of the financial customer in the local language.

Name <Nm> contains the following elements (see ["CardholderName2"](#) on page 1762 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1762
	GivenName <GvnNm>	[0..1]	Text		1763
	MiddleName <MddlNm>	[0..1]	Text		1763
	LastName <LastNm>	[0..1]	Text		1763

47.1.18.5.10.3 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see ["Address3"](#) on page 1345 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1345
	AddressLine2 <AdrLine2>	[0..1]	Text		1346
	StreetName <StrtNm>	[0..1]	Text		1346
	BuildingNumber <BldgNb>	[0..1]	Text		1346
	PostalCode <PstlCd>	[0..1]	Text		1346
	TownName <TwnNm>	[0..1]	Text		1346
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1346
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1346
	Country <Ctry>	[0..1]	CodeSet		1346

47.1.18.5.10.4 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional local language data

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1852
	Value <Val>	[0..1]	Text		1853

47.1.18.5.10.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: ["Max35Text"](#) on page 2207

47.1.18.5.10.4.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.18.5.11 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional information related to the customer.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1853
	Value <Val>	[0..1]	Text		1853

47.1.18.5.11.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.18.5.11.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.18.6 Customer6

Definition: Details of the customer

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountNumber <AcctNb>	[0..1]	Text		1853
	Name <Nm>	[0..1]	Text		1853
	PhoneNumber <PhneNb>	[0..1]	Text		1854

47.1.18.6.1 AccountNumber <AcctNb>

Presence: [0..1]

Definition: Customer account number with the service provider.

Datatype: "Max35Text" on page 2207

47.1.18.6.2 Name <Nm>

Presence: [0..1]

Definition: Name of the customer.

Datatype: "Max70Text" on page 2209

47.1.18.6.3 PhoneNumber <PhneNb>

Presence: [0..1]

Definition: Customer's primary contact phone number.

Datatype: "PhoneNumber" on page 2211

47.1.18.7 Customer4

Definition: Information related to a consumer or a company.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1854
	ReferenceNumber <RefNb>	[0..1]	Text		1854
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1854
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1855
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1855
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1855
	VIIndicator <VIInd>	[0..1]	Indicator		1855
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1855

47.1.18.7.1 Type <Tp>

Presence: [0..1]

Definition: Type of customer.

Datatype: "CustomerType2Code" on page 2143

CodeName	Name	Definition
CSMR	Consumer	Consumer
CPNY	Company	Company

47.1.18.7.2 ReferenceNumber <RefNb>

Presence: [0..1]

Definition: Reference number provided by a cardholder or customer to card acceptor to facilitate communication and record keeping. The value may be a reference number, code, or generic number.

Datatype: "Max35Text" on page 2207

47.1.18.7.3 TaxRegistrationIdentification <TaxRegnId>

Presence: [0..*]

Definition: Identification of the customer recognized by the taxation authority.

Datatype: "Max70Text" on page 2209

47.1.18.7.4 AuthorisedContactCompany <AuthrsdCtctCpny>

Presence: [0..1]

Definition: Contact at the company.

Datatype: "Max70Text" on page 2209

47.1.18.7.5 AuthorisedContactName <AuthrsdCtctNm>

Presence: [0..1]

Definition: Corporate individual or company (cardholder or their company) to be contacted for authorised purchases.

Datatype: "Max70Text" on page 2209

47.1.18.7.6 AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>

Presence: [0..1]

Definition: Phone number of an individual or

company contacted for company authorised purchases.

Datatype: "PhoneNumber" on page 2211

47.1.18.7.7 VIPIndicator <VIPInd>

Presence: [0..1]

Definition: Very Important Person indicator.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.18.7.8 CustomerRelationship <CstmrRltsh>

Presence: [0..1]

Definition: Customer relationship identifier.

Datatype: "Max35Text" on page 2207

47.1.18.8 Contact1

Definition: Contact person details.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1856
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1856
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1856
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1856
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1856
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1856
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1857
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1857
	Language <Lang>	[0..1]	CodeSet		1857

47.1.18.8.1 Name <Nm>

Presence: [0..1]

Definition: Name of the contact person.

Datatype: "Max70Text" on page 2209

47.1.18.8.2 HomePhoneNumber <HomePhneNb>

Presence: [0..1]

Definition: Home phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.18.8.3 BusinessPhoneNumber <BizPhneNb>

Presence: [0..1]

Definition: Business phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.18.8.4 MobilePhoneNumber <MobPhneNb>

Presence: [0..1]

Definition: Mobile phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.18.8.5 OtherPhoneNumber <OthrPhneNb>

Presence: [0..1]

Definition: Other phone number of contact.

Datatype: "PhoneNumber" on page 2211

47.1.18.8.6 PersonalEmailAddress <PrsnlEmailAdr>

Presence: [0..1]

Definition: Personal email address of contact.

Datatype: "Max256Text" on page 2206

47.1.18.8.7 BusinessEmailAddress <BizEmailAdr>

Presence: [0..1]

Definition: Business email address of contact.

Datatype: "Max256Text" on page 2206

47.1.18.8.8 OtherEmailAddress <OthrEmailAdr>

Presence: [0..1]

Definition: Other email address of contact.

Datatype: "Max256Text" on page 2206

47.1.18.8.9 Language <Lang>

Presence: [0..1]

Definition: Language of the contact person.

Datatype: "ISO2ALanguageCode" on page 2155

47.1.19 POI Component

47.1.19.1 CardholderVerificationCapabilities1

Definition: Cardholder verification capabilities performing the transaction at the point of service.

ISO 8583:87 bit 22-3, ISO 8583:93 bit 22-2, ISO 8583:2003 bit 27-2

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1857
	OtherCapability <OthrCpblty>	[0..1]	Text		1858

47.1.19.1.1 Capability <Cpblty>

Presence: [1..1]

Definition: Cardholder verification capabilities performing the transaction at the point of service.

ISO 8583:93 bit 22-2, ISO 8583:2003-1 bit 27-2

Datatype: "CardholderVerificationCapability5Code" on page 2137

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account based digital signature.
NOVF	NoCapabilities	No cardholder verification capability.
FBIG	OfflineBiographics	Offline biographics.

CodeName	Name	Definition
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).
NBIO	OnLineBiometrics	Online biometrics.
NPIN	OnLinePIN	Online PIN (Personal Identification Number).
OTHN	OtherNational	Other type of cardholder verification defined at national level
OTHP	OtherPrivate	Other type of cardholder verification defined in a private manner.
SIGN	Signature	Handwritten signature verification
UNSP	Unspecified	Cardholder verification capability unspecified.
VORN	VoiceRecognition	Recognition by voice.
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature.
NOPN	NoPINEntry	Device has no pin entry capability.
NOOP	NoOnLinePINEntry	Device has no online pin entry capability.

47.1.19.1.2 OtherCapability <OthrCpblty>

Presence: [0..1]

Definition: Other types of cardholder verification capabilities.

Datatype: "Max35Text" on page 2207

47.1.19.2 CardWritingCapabilities1

Definition: Card writing capability of the terminal performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1858
	OtherCapability <OthrCpblty>	[0..1]	Text		1859

47.1.19.2.1 Capability <Cpblty>

Presence: [1..1]

Definition: Card writing capability of the terminal performing the transaction.

Datatype: "CardDataWriting1Code" on page 2136

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity

CodeName	Name	Definition
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MSIP	MSIPProximity	Magstripe image contactless proximity
OTHN	OtherNational	Other national capability type assigned at national level.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.

47.1.19.2.2 OtherCapability <OthrCpblty>

Presence: [0..1]

Definition: Other types of card data writing capabilities.

Datatype: "Max35Text" on page 2207

47.1.19.3 CardReadingCapabilities1

Definition: Card reading capability of the terminal performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1859
	OtherCapability <OthrCpblty>	[0..1]	Text		1860

47.1.19.3.1 Capability <Cpblty>

Presence: [1..1]

Definition: Card reading capability of the terminal performing the transaction.

Datatype: "CardDataReading10Code" on page 2134

CodeName	Name	Definition
ICPY	ICCPProximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MICR	MagneticInkCharacterRecognition	Recognition of magnetic ink characters
MLEY	ManualEntry	Manual, no terminal used.
OCRR	OpticalCharacterRecognition	OCR either at time of transaction or after the event.
MSIP	MSIPProximity	Magstripe image contactless proximity
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
OTHN	OtherNational	Other national capability type assigned at national level.

CodeName	Name	Definition
RFID	RFIDTag	Radio Frequency Identification tag capabilities.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
KEEN	KeyEntered	Key entered.
DFLE	AccountData	Account data on file.

47.1.19.3.2 OtherCapability <OthrCpblty>

Presence: [0..1]

Definition: Other types of card data reading capabilities.

Datatype: "Max35Text" on page 2207

47.1.19.4 Terminal6

Definition: Payment terminal or ATM performing the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnIld>	[1..1]	±		1860

47.1.19.4.1 TerminalIdentification <TermnIld>

Presence: [1..1]

Definition: Identification of the terminal performing the transaction.

TerminalIdentification <TermnIld> contains the following elements (see "TerminalIdentification3" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1861
	Assigner <Assgnr>	[0..1]	Text		1861
	Country <Ctry>	[0..1]	CodeSet		1861
	ShortName <ShrtNm>	[0..1]	Text		1861

47.1.19.5 TerminalIdentification3

Definition: Identification of the terminal performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1861
	Assigner <Assgnr>	[0..1]	Text		1861
	Country <Ctry>	[0..1]	CodeSet		1861
	ShortName <ShrtNm>	[0..1]	Text		1861

47.1.19.5.1 Identification <Id>

Presence: [1..1]

Definition: Identification of the terminal.

ISO 8583 bit 41

Datatype: "Max16Text" on page 2204

47.1.19.5.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Assignor of the terminal identification.

Datatype: "Max35Text" on page 2207

47.1.19.5.3 Country <Ctry>

Presence: [0..1]

Definition: Country of the terminal.

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.19.5.4 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the terminal.

Datatype: "Max35Text" on page 2207

47.1.19.6 PointOfServiceContext5

Definition: Context of the transaction at the point of service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1862
	CardholderPresent <CrhdldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrhdldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInitttd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1864
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1864
	ECommerceData <EComrcData>	[0..*]			1865
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1865
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1866
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1866
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1867
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1867
	QRCodePresentmentMode <QRCdPresntmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCdPresntmntMd>	[0..1]	Text		1868
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1868
	StorageLocation <StorgLctn>	[0..1]	Text		1868
	SpecialConditions <SpclConds>	[0..*]			1868
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869
	AdditionalData <AddtlData>	[0..*]			1869
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

47.1.19.6.1 CardPresent <CardPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated by a card physically present or not.

True: Card physically present during the transaction

False: Card physically absent during the transaction.

ISO 8583:87 bit 25, ISO 8583:93 bit 22-6.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.6.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

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

True: Cardholder present during the transaction

False: Cardholder absent during the transaction.

ISO 8583:87 bit 25, ISO 8583:93 bit 22-5

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.6.3 CardholderActivated <CrdhldrActvtd>

Presence: [0..1]

Definition: Indicates whether the automated device was operated solely by the cardholder or not (for example, vending machine, automated fuel dispenser, ATM, kiosk, etc.).

True: Device operated solely by the cardholder

False: Device not operated solely by the cardholder.

ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.6.4 TransponderInitiated <TrnspndrInitttd>

Presence: [0..1]

Definition: Transaction initiated through a transponder or not.

True: Transaction initiated through a transponder.

False: Transaction not initiated through a transponder.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.6.5 AttendedIndicator <AtndddInd>

Presence: [0..1]

Definition: Card acceptor representative in attendance at the point of service during the transaction. When an acceptor's terminal is semi-attended (for example, multiple terminals supervised by a single clerk), it will be identified as 'attended'.

True: Attended transaction at the terminal

False: Non-attended transaction at the terminal

ISO 8583:87 bit 25, ISO 8583:93 bit 22-4

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.6.6 UnattendedLevelCategory <UatndddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended terminal.

Datatype: ["Max35NumericText"](#) on page 2207

47.1.19.6.7 ECommerceIndicator <EComrcInd>

Presence: [0..1]

Definition: Indicates whether the point of service is an e-commerce one or not.

True: e-commerce

False: non e-commerce

Default: False

ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.6.8 ECommerceData <EComrcData>

Presence: [0..*]

Definition: Contains electronic commerce data.

ECommerceData <EComrcData> contains the following **ECommerceData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1865
	Value <Val>	[1..1]	Text		1865

47.1.19.6.8.1 Type <Tp>

Presence: [1..1]

Definition: Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

Datatype: "Max35Text" on page 2207

47.1.19.6.8.2 Value <Val>

Presence: [1..1]

Definition: Value related to a specific ecommerce type.

Datatype: "Max2048Text" on page 2205

47.1.19.6.9 MOTOCCode <MOTOCd>

Presence: [0..1]

Definition: A code that identifies the type of MOTO transaction.

Datatype: "MOTO1Code" on page 2167

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder.	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

47.1.19.6.10 TransitIndicator <TrnstInd>

Presence: [0..1]

Definition: Indicates a transit transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.6.11 PartialApprovalSupported <PrtlApprvlSpprtd>

Presence: [0..1]

Definition: Indicates whether the point of service supports partial approval or not.

True: partial approval is supported

False: partial approval is not supported

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.6.12 DelayedAuthorisationIndicator <DelydAuthstnInd>

Presence: [0..1]

Definition: Indicates whether the authorisation was delayed due to an on-board initiated transaction.

True: The authorisation was delayed

False: The authorisation was not delayed

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.6.13 SecurityCharacteristics <SctyChrtcs>

Presence: [0..*]

Definition: Security characteristics of the communication link in the card acceptance process.

ISO 8583:2003 bit 22-4

Datatype: ["SecurityCharacteristics1Code"](#) on page 2185

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTTE	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network

CodeName	Name	Definition
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.
PRAE	PrivateAlgorithmEncryption	Encryption using a private algorithm to secure a communication channel.
PRAM	PrivateAlgorithmMAC	Private algorithm used for MAC.
PRVN	PrivateNetwork	Private network.
STAM	StandardAlgorithmMAC	Standard algorithm used for MAC
APTE	AcquirerPointToPointEncryption	Encryption initiated by the acquirer to secure point-to-point communication channel.
AETE	AcquirerEndToEndEncryption	Encryption initiated by the acquirer to secure end-to-end communication channel.
OTHN	OtherNational	Other security characteristics defined at national level
OTHP	OtherPrivate	Other security characteristics defined at private level

47.1.19.6.14 OtherSecurityCharacteristics <OthrSctyChrtcs>

Presence: [0..1]

Definition: Other security characteristics.

Datatype: "Max35Text" on page 2207

47.1.19.6.15 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data for the transaction.

Datatype: "CardDataReading10Code" on page 2134

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MICR	MagneticInkCharacterRecognition	Recognition of magnetic ink characters
MLEY	ManualEntry	Manual, no terminal used.
OCRR	OpticalCharacterRecognition	OCR either at time of transaction or after the event.
MSIP	MSIPProximity	Magstripe image contactless proximity
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
OTHN	OtherNational	Other national capability type assigned at national level.

CodeName	Name	Definition
RFID	RFIDTag	Radio Frequency Identification tag capabilities.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
KEEN	KeyEntered	Key entered.
DFLE	AccountData	Account data on file.

47.1.19.6.16 QRCodePresentmentMode <QRCDPresntmntMd>

Presence: [0..1]

Definition: Method used to present a QR Code at the point of service.

Datatype: "QRCodePresentmentMode1Code" on page 2180

CodeName	Name	Definition
CPMD	ConsumerPresented	The consumer presented a QR Code at the point of service for the transaction.
OTHN	OtherNational	Other nationally defined method for QR Code presentment for the transaction.
OTHP	OtherPrivate	Other QR Code presentment mode defined by bilateral agreement.
MPMD	MerchantPresented	The acceptor presented a QR Code to the consumer for the transaction.

47.1.19.6.17 OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>

Presence: [0..1]

Definition: Other method of QR Code presentment.

Datatype: "Max35Text" on page 2207

47.1.19.6.18 OtherCardDataEntryMode <OthrCardDataNtryMd>

Presence: [0..1]

Definition: Other type of card data entry mode.

Datatype: "Max35Text" on page 2207

47.1.19.6.19 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of payment credential (for example, Acceptor or third party wallet).

Datatype: "Max35Text" on page 2207

47.1.19.6.20 SpecialConditions <SpclConds>

Presence: [0..*]

Definition: Data used to assign specific conditions at the card acceptor location and decided by bilateral agreements.

SpecialConditions <SpclConds> contains the following **SpecialConditions1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

47.1.19.6.20.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the special condition.

Datatype: "Max35Text" on page 2207

47.1.19.6.20.2 Value <Val>

Presence: [0..1]

Definition: Level of the condition.

Datatype: "Max35Text" on page 2207

47.1.19.6.21 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional point of service context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1869
	Value <Val>	[0..1]	Text		1869

47.1.19.6.21.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.19.6.21.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.19.7 PointOfServiceContext4

Definition: Context of the transaction at the point of service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1870
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1871
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1871
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1871
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1872
	UnattendedLevelCategory <UattnddLv/Ctgy>	[0..1]	Text		1872
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1872
	ECommerceData <EComrcData>	[0..*]			1872
	Type <Tp>	[1..1]	Text		1873
	Value <Val>	[1..1]	Text		1873
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1873
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1873
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1873
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1874
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1874
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1875
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1875
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1876
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1876
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1876
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1876
	StorageLocation <StorgLctn>	[0..1]	Text		1877
	SpecialConditions <SpclConds>	[0..*]			1877
	Identification </d>	[0..1]	Text		1877
	Value <Val>	[0..1]	Text		1877

47.1.19.7.1 CardPresent <CardPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated by a card physically present or not.

True: Card physically present during the transaction

False: Card physically absent during the transaction.

ISO 8583:87 bit 25, ISO 8583:93 bit 22-6.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.7.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

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

True: Cardholder present during the transaction

False: Cardholder absent during the transaction.

ISO 8583:87 bit 25, ISO 8583:93 bit 22-5

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.7.3 CardholderActivated <CrdhldrActvtd>

Presence: [0..1]

Definition: Indicates whether the automated device was operated solely by the cardholder or not (for example, vending machine, automated fuel dispenser, ATM, kiosk, etc.).

True: Device operated solely by the cardholder

False: Device not operated solely by the cardholder.

ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.7.4 TransponderInitiated <TrnspndrInitttd>

Presence: [0..1]

Definition: Transaction initiated through a transponder or not.

True: Transaction initiated through a transponder.

False: Transaction not initiated through a transponder.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.7.5 AttendedIndicator <AtndddInd>

Presence: [0..1]

Definition: Card acceptor representative in attendance at the point of service during the transaction.

When an acceptor's terminal is semi-attended (for example, multiple terminals supervised by a single clerk), it will be identified as 'attended'.

True: Attended transaction at the terminal

False: Non-attended transaction at the terminal

ISO 8583:87 bit 25, ISO 8583:93 bit 22-4, ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.19.7.6 UnattendedLevelCategory <UatndddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended terminal.

Datatype: "[Max35NumericText](#)" on page 2207

47.1.19.7.7 ECommerceIndicator <EComrcInd>

Presence: [0..1]

Definition: Indicates whether the point of service is an e-commerce one or not:

True: e-commerce

False: non e-commerce

Default: False

ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see "[TrueFalseIndicator](#)" on page 2197):

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

47.1.19.7.8 ECommerceData <EComrcData>

Presence: [0..*]

Definition: Contains electronic commerce data.

ECommerceData <EComrcData> contains the following **ECommerceData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1873
	Value <Val>	[1..1]	Text		1873

47.1.19.7.8.1 Type <Tp>

Presence: [1..1]

Definition: Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

Datatype: "Max35Text" on page 2207

47.1.19.7.8.2 Value <Val>

Presence: [1..1]

Definition: Value related to a specific ecommerce type.

Datatype: "Max2048Text" on page 2205

47.1.19.7.9 MOTOCode <MOTOCd>

Presence: [0..1]

Definition: A code that identifies the type of MOTO transaction.

Datatype: "MOTO1Code" on page 2167

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder.	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

47.1.19.7.10 TransitIndicator <TrnstInd>

Presence: [0..1]

Definition: Indicates a transit transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.7.11 PartialApprovalSupported <PrtlApprvlSpprtd>

Presence: [0..1]

Definition: Indicates whether the point of service supports partial approval or not.

True: partial approval is supported

False: partial approval is not supported

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.7.12 DelayedAuthorisationIndicator <DelydAuthstnInd>

Presence: [0..1]

Definition: Indicates whether the authorisation was delayed due to an on-board initiated transaction.

True: The authorisation was delayed

False: The authorisation was not delayed

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.7.13 SecurityCharacteristics <SctyChrtcs>

Presence: [0..*]

Definition: Security characteristics of the communication link in the card acceptance process.

ISO 8583:2003 bit 22-4

Datatype: "SecurityCharacteristics1Code" on page 2185

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTe	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.

CodeName	Name	Definition
PRAE	PrivateAlgorithmEncryption	Encryption using a private algorithm to secure a communication channel.
PRAM	PrivateAlgorithmMAC	Private algorithm used for MAC.
PRVN	PrivateNetwork	Private network.
STAM	StandardAlgorithmMAC	Standard algorithm used for MAC
APTE	AcquirerPointToPointEncryption	Encryption initiated by the acquirer to secure point-to-point communication channel.
AETE	AcquirerEndToEndEncryption	Encryption initiated by the acquirer to secure end-to-end communication channel.
OTHN	OtherNational	Other security characteristics defined at national level
OTHP	OtherPrivate	Other security characteristics defined at private level

47.1.19.7.14 OtherSecurityCharacteristics <OthrSctyChrtcs>

Presence: [0..1]

Definition: Other security characteristics.

Datatype: "Max35Text" on page 2207

47.1.19.7.15 CardDataEntryMode <CardDataNtryMd>

Presence: [0..1]

Definition: Entry mode of the card data for the transaction

ISO 8583:87 bit 22 (1-2), ISO 8583:93 bit 22-7, ISO 8583:2003 bit 22-1

Datatype: "CardDataReading10Code" on page 2134

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MICR	MagneticInkCharacterRecognition	Recognition of magnetic ink characters
MLEY	ManualEntry	Manual, no terminal used.
OCRR	OpticalCharacterRecognition	OCR either at time of transaction or after the event.
MSIP	MSIPximity	Magstripe image contactless proximity
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
OTHN	OtherNational	Other national capability type assigned at national level.

CodeName	Name	Definition
RFID	RFIDTag	Radio Frequency Identification tag capabilities.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
KEEN	KeyEntered	Key entered.
DFLE	AccountData	Account data on file.

47.1.19.7.16 OtherCardDataEntryMode <OthrCardDataNtryMd>

Presence: [0..1]

Definition: Other type of card data entry mode.

Datatype: "Max35Text" on page 2207

47.1.19.7.17 QRCodePresentmentMode <QRCDPresntmntMd>

Presence: [0..1]

Definition: Method used to present a QR Code at the point of service.

Datatype: "QRCodePresentmentMode1Code" on page 2180

CodeName	Name	Definition
CPMD	ConsumerPresented	The consumer presented a QR Code at the point of service for the transaction.
OTHN	OtherNational	Other nationally defined method for QR Code presentment for the transaction.
OTHP	OtherPrivate	Other QR Code presentment mode defined by bilateral agreement.
MPMD	MerchantPresented	The acceptor presented a QR Code to the consumer for the transaction.

47.1.19.7.18 OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>

Presence: [0..1]

Definition: Other method of QR Code presentment.

Datatype: "Max35Text" on page 2207

47.1.19.7.19 TemporarySecureCardDataReused <TempScrCardDataReusd>

Presence: [0..1]

Definition: Terminal has reused temporary secure stored card data.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.7.20 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of payment credential (for example, Acceptor or third party wallet).

Datatype: "Max35Text" on page 2207

47.1.19.7.21 SpecialConditions <SpclConds>

Presence: [0..*]

Definition: Data used to assign specific conditions at the card acceptor location and decided by bilateral agreements.

SpecialConditions <SpclConds> contains the following **SpecialConditions1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1877
	Value <Val>	[0..1]	Text		1877

47.1.19.7.21.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the special condition.

Datatype: "Max35Text" on page 2207

47.1.19.7.21.2 Value <Val>

Presence: [0..1]

Definition: Level of the condition.

Datatype: "Max35Text" on page 2207

47.1.19.8 PointOfServiceContext3

Definition: Context of the transaction at the point of service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardPresent <CardPres>	[0..1]	Indicator		1878
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1879
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1879
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1879
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1880
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1880
	ECommerceIndicator <EComrcInd>	[0..1]	Indicator		1880
	ECommerceData <EComrcData>	[0..*]			1881
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1881
	DelayedAuthorisationIndicator <DelydAuthstnInd>	[0..1]	Indicator		1882
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1882
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1883
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1883
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1884
	QRCodePresentmentMode <QRCdPresntmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCdPresntmntMd>	[0..1]	Text		1884
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1884
	StorageLocation <StorgLctn>	[0..1]	Text		1885
	SpecialConditions <SpclConds>	[0..*]			1885
	Identification </d>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885
	AdditionalData <AddtlData>	[0..*]			1885
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

47.1.19.8.1 CardPresent <CardPres>

Presence: [0..1]

Definition: Indicates whether the transaction has been initiated by a card physically present or not.

True: Card physically present during the transaction

False: Card physically absent during the transaction.

ISO 8583:87 bit 25, ISO 8583:93 bit 22-6.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.8.2 CardholderPresent <CrdhldrPres>

Presence: [0..1]

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

True: Cardholder present during the transaction

False: Cardholder absent during the transaction.

ISO 8583:87 bit 25, ISO 8583:93 bit 22-5

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.8.3 CardholderActivated <CrdhldrActvtd>

Presence: [0..1]

Definition: Indicates whether the automated device was operated solely by the cardholder or not (for example, vending machine, automated fuel dispenser, ATM, kiosk, etc.).

True: Device operated solely by the cardholder

False: Device not operated solely by the cardholder.

ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.8.4 TransponderInitiated <TrnspndrInitttd>

Presence: [0..1]

Definition: Transaction initiated through a transponder or not.

True: Transaction initiated through a transponder.

False: Transaction not initiated through a transponder.

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.8.5 AttendedIndicator <AtndddInd>

Presence: [0..1]

Definition: Card acceptor representative in attendance at the point of service during the transaction.

When an acceptor's terminal is semi-attended (for example, multiple terminals supervised by a single clerk), it will be identified as 'attended'.

True: Attended transaction at the terminal

False: Non-attended transaction at the terminal

ISO 8583:87 bit 25, ISO 8583:93 bit 22-4, ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.8.6 UnattendedLevelCategory <UatndddLvlCtgy>

Presence: [0..1]

Definition: Transaction category level on an unattended terminal.

Datatype: ["Max35NumericText"](#) on page 2207

47.1.19.8.7 ECommerceIndicator <EComrcInd>

Presence: [0..1]

Definition: Indicates whether the point of service is an e-commerce one or not:

True: e-commerce

False: non e-commerce

Default: False

ISO 8583:2003 bit 22-3

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.8.8 ECommerceData <EComrcData>

Presence: [0..*]

Definition: Contains electronic commerce data.

ECommerceData <EComrcData> contains the following **ECommerceData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1881
	Value <Val>	[1..1]	Text		1881

47.1.19.8.8.1 Type <Tp>

Presence: [1..1]

Definition: Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

Datatype: "Max35Text" on page 2207

47.1.19.8.8.2 Value <Val>

Presence: [1..1]

Definition: Value related to a specific ecommerce type.

Datatype: "Max2048Text" on page 2205

47.1.19.8.9 MOTOCCode <MOTOCd>

Presence: [0..1]

Definition: A code that identifies the type of MOTO transaction.

Datatype: "MOTO1Code" on page 2167

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder.	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

47.1.19.8.10 TransitIndicator <TrnstInd>

Presence: [0..1]

Definition: Indicates a transit transaction.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.8.11 PartialApprovalSupported <PrtlApprvlSpprtd>

Presence: [0..1]

Definition: Indicates whether the point of service supports partial approval or not.

True: partial approval is supported

False: partial approval is not supported

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.8.12 DelayedAuthorisationIndicator <DelydAuthstnInd>

Presence: [0..1]

Definition: Indicates whether the authorisation was delayed due to an on-board initiated transaction.

True: The authorisation was delayed

False: The authorisation was not delayed

Datatype: One of the following values must be used (see ["TrueFalseIndicator"](#) on page 2197):

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

47.1.19.8.13 SecurityCharacteristics <SctyChrtcs>

Presence: [0..*]

Definition: Security characteristics of the communication link in the card acceptance process.

ISO 8583:2003 bit 22-4

Datatype: ["SecurityCharacteristics1Code"](#) on page 2185

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTTE	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network

CodeName	Name	Definition
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.
PRAE	PrivateAlgorithmEncryption	Encryption using a private algorithm to secure a communication channel.
PRAM	PrivateAlgorithmMAC	Private algorithm used for MAC.
PRVN	PrivateNetwork	Private network.
STAM	StandardAlgorithmMAC	Standard algorithm used for MAC
APTE	AcquirerPointToPointEncryption	Encryption initiated by the acquirer to secure point-to-point communication channel.
AETE	AcquirerEndToEndEncryption	Encryption initiated by the acquirer to secure end-to-end communication channel.
OTHN	OtherNational	Other security characteristics defined at national level
OTHP	OtherPrivate	Other security characteristics defined at private level

47.1.19.8.14 OtherSecurityCharacteristics <OthrSctyChrtcs>*Presence:* [0..1]*Definition:* Other security characteristics.*Datatype:* "Max35Text" on page 2207**47.1.19.8.15 CardDataEntryMode <CardDataNtryMd>***Presence:* [1..1]*Definition:* Entry mode of the card data for the transaction

ISO 8583:87 bit 22 (1-2), ISO 8583:93 bit 22-7, ISO 8583:2003 bit 22-1

Datatype: "CardDataReading10Code" on page 2134

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MICR	MagneticInkCharacterRecognition	Recognition of magnetic ink characters
MLEY	ManualEntry	Manual, no terminal used.
OCRR	OpticalCharacterRecognition	OCR either at time of transaction or after the event.
MSIP	MSIPximity	Magstripe image contactless proximity

CodeName	Name	Definition
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
OTHN	OtherNational	Other national capability type assigned at national level.
RFID	RFIDTag	Radio Frequency Identification tag capabilities.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
KEEN	KeyEntered	Key entered.
DFLE	AccountData	Account data on file.

47.1.19.8.16 OtherCardDataEntryMode <OthrCardDataNtryMd>

Presence: [0..1]

Definition: Other type of card data entry mode.

Datatype: "Max35Text" on page 2207

47.1.19.8.17 QRCodePresentmentMode <QRcdPresntmntMd>

Presence: [0..1]

Definition: Method used to present a QR Code at the point of service.

Datatype: "QRCodePresentmentMode1Code" on page 2180

CodeName	Name	Definition
CPMD	ConsumerPresented	The consumer presented a QR Code at the point of service for the transaction.
OTHN	OtherNational	Other nationally defined method for QR Code presentment for the transaction.
OTHP	OtherPrivate	Other QR Code presentment mode defined by bilateral agreement.
MPMD	MerchantPresented	The acceptor presented a QR Code to the consumer for the transaction.

47.1.19.8.18 OtherQRCodePresentmentMode <OthrQRcdPresntmntMd>

Presence: [0..1]

Definition: Other method of QR Code presentment.

Datatype: "Max35Text" on page 2207

47.1.19.8.19 TemporarySecureCardDataReused <TempScrCardDataReusd>

Presence: [0..1]

Definition: Terminal has reused temporary secure stored card data.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.8.20 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of payment credential (for example, Acceptor or third party wallet).

Datatype: "Max35Text" on page 2207

47.1.19.8.21 SpecialConditions <SpclConds>

Presence: [0..*]

Definition: Data used to assign specific conditions at the card acceptor location and decided by bilateral agreements.

SpecialConditions <SpclConds> contains the following **SpecialConditions1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1885

47.1.19.8.21.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the special condition.

Datatype: "Max35Text" on page 2207

47.1.19.8.21.2 Value <Val>

Presence: [0..1]

Definition: Level of the condition.

Datatype: "Max35Text" on page 2207

47.1.19.8.22 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional point of service context data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1885
	Value <Val>	[0..1]	Text		1886

47.1.19.8.22.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.19.8.22.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.19.9 Terminal4

Definition: Payment terminal or ATM performing the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TerminalIdentification <TermnllId>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnllIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogcLctn>	[0..1]	Text		1888
	OutdoorIndicator <OutdrInd>	[0..1]	Indicator		1889
	OffPremisesIndicator <OffPrmissInd>	[0..1]	Indicator		1889
	OnBoardIndicator <OnBrdInd>	[0..1]	Indicator		1889
	POIComponent <POICmpnt>	[0..*]	±		1889

47.1.19.9.1 TerminalIdentification <TermnllId>

Presence: [1..1]

Definition: Identification of the terminal performing the transaction.

TerminalIdentification <TermnllId> contains the following elements (see "TerminalIdentification3" on page 1860 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1861
	Assigner <Assgnr>	[0..1]	Text		1861
	Country <Ctry>	[0..1]	CodeSet		1861
	ShortName <ShrtNm>	[0..1]	Text		1861

47.1.19.9.2 Type <Tp>

Presence: [0..1]

Definition: Type of terminal.

Datatype: "TerminalType1Code" on page 2188

CodeName	Name	Definition
ATMT	ATM	Automated Teller Machine
MPOS	mPOS	Mobile or tablet used as a Point of Sale terminal
OTHN	OtherNational	Other type defined at national level
OTHP	OtherPrivate	Other private type of terminal.
POST	POS	Point of Sale terminal.

47.1.19.9.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of terminal.

Datatype: "Max35Text" on page 2207

47.1.19.9.4 Capabilities <Cpblties>

Presence: [0..1]

Definition: Capabilities of the terminal

Capabilities <Cpbilities> contains the following elements (see "Capabilities2" on page 1891 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapability <CardRdngCpblty>	[0..*]	±		1891
	CardWritingCapability <CardWrtgCpblty>	[0..*]	±		1892
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1892
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1892
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1892
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1893
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1893
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1893
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1893
	MessageCapability <MsgCpblty>	[0..*]			1893
	Destination <Dstn>	[1..1]	CodeSet		1894
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1894
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1894
	LineWidth <LineWidth>	[0..1]	Quantity		1894
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C2	1895
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1895
	TemporarySecureCardDataStorage <TempScrCardDataStorg>	[0..1]	Indicator		1895

47.1.19.9.5 TerminalIntegration <TermnlIntgtn>

Presence: [0..1]

Definition: Type of terminal integration at a point of service location.

Datatype: "TerminalIntegrationCategory1Code" on page 2188

CodeName	Name	Definition
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

47.1.19.9.6 GeographicLocation <GeogcLctn>

Presence: [0..1]

Definition: Geographic location of the terminal.

Datatype: "GeographicPointInDecimalDegrees" on page 2201

47.1.19.9.7 OutdoorIndicator <OutdrInd>

Presence: [0..1]

Definition: Indicates whether the terminal is operated outdoor or indoor at the point of service.

True: The terminal is operated outdoor

False: The terminal is operated indoor

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.9.8 OffPremisesIndicator <OffPrmissInd>

Presence: [0..1]

Definition: Indicates whether the terminal is operated on- or off-premises at the point of service.

True: The terminal is operated off premises.

False: The terminal is operated on premises.

ISO 8583:93 bit 22-4, ISO 8583:2003 bit 22-3.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.9.9 OnBoardIndicator <OnBrdInd>

Presence: [0..1]

Definition: Indicates whether the transaction was performed on board.

True: The terminal is located on board.

False: The terminal is not located on board.

Datatype: One of the following values must be used (see ["TrueFalseIndicator" on page 2197](#)):

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

47.1.19.9.10 POIComponent <POICmpnt>

Presence: [0..*]

Definition: Data related to the components of the POI (Point Of Interaction) performing the transactions.

POIComponent <POICmpnt> contains the following elements (see "PointOfInteractionComponent13" on page 1719 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1721
	Identification <Id>	[1..1]			1722
	ItemNumber <ItmNb>	[0..1]	Text		1722
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1722
	Identification <Id>	[0..1]	Text		1722
	SerialNumber <SrlNb>	[0..1]	Text		1722
	Status <Sts>	[0..1]			1722
	VersionNumber <VrsnNb>	[0..1]	Text		1723
	Status <Sts>	[0..1]	CodeSet		1723
	ExpiryDate <XpryDt>	[0..1]	Date		1723
	StandardCompliance <StdCmplc>	[0..*]			1723
	Identification <Id>	[1..1]	Text		1723
	Version <Vrsn>	[1..1]	Text		1724
	Issuer <Issr>	[1..1]	Text		1724
	Characteristics <Chrtcs>	[0..1]			1724
	Memory <Mmry>	[0..*]			1724
	Identification <Id>	[1..1]	Text		1725
	TotalSize <TtlSz>	[1..1]	Quantity		1725
	FreeSize <FreeSz>	[1..1]	Quantity		1725
	Unit <Unit>	[1..1]	CodeSet		1725
	Communication <Com>	[0..*]			1725
	CommunicationType <ComTp>	[1..1]	CodeSet		1726
	RemoteParty <RmotPty>	[1..*]	CodeSet		1726
	Active <Actv>	[1..1]	Indicator		1727
	SecurityAccessModules <SctyAccsMdl>	[0..1]	Quantity		1727
	SubscriberIdentityModules <SbcbrldntyMdl>	[0..1]	Quantity		1727
	SecurityElement <SctyElmt>	[0..*]	±		1727
	Assessment <Assmnt>	[0..*]			1728
	ItemNumber <ItmNb>	[0..1]	Text		1728
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1728

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification </d>	[0..1]	Text		1729
	SerialNumber <SrlNb>	[0..1]	Text		1729

47.1.19.10 Capabilities2

Definition: Capabilities of the terminal.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardReadingCapability <CardRdngCpblty>	[0..*]	±		1891
	CardWritingCapability <CardWrtgCpblty>	[0..*]	±		1892
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1892
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1892
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1892
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1893
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1893
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1893
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1893
	MessageCapability <MsgCpblty>	[0..*]			1893
	Destination <Dstn>	[1..1]	CodeSet		1894
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1894
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1894
	LineWidth <LineWidth>	[0..1]	Quantity		1894
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C2	1895
	CardholderVerificationCapability <CrhdldrVrfctnCpblty>	[0..*]	±		1895
	TemporarySecureCardDataStorage <TempScrCardDataStorg>	[0..1]	Indicator		1895

47.1.19.10.1 CardReadingCapability <CardRdngCpblty>

Presence: [0..*]

Definition: Card reading capability of the terminal performing the transaction.

CardReadingCapability <CardRdngCpblty> contains the following elements (see "[CardReadingCapabilities1](#)" on page 1859 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1859
	OtherCapability <OthrCpblty>	[0..1]	Text		1860

47.1.19.10.2 CardWritingCapability <CardWrtgCpblty>

Presence: [0..*]

Definition: Card writing or output capabilities of the terminal performing the transaction.

CardWritingCapability <CardWrtgCpblty> contains the following elements (see "[CardWritingCapabilities1](#)" on page 1858 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1858
	OtherCapability <OthrCpblty>	[0..1]	Text		1859

47.1.19.10.3 PINLengthCapability <PINLnghCpblty>

Presence: [0..1]

Definition: Maximum number of digits that the Point of Interaction is able to accept when the cardholder enters its PIN.

Datatype: "[Number](#)" on page 2198

47.1.19.10.4 PINEntrySecurityCharacteristic <PINNtrySctyChrtc>

Presence: [0..1]

Definition: Security characteristic of the PIN Entry device solution.

Datatype: "[PINEntrySecurityCharacteristic1Code](#)" on page 2176

CodeName	Name	Definition
OTHN	OtherNational	Other nationally assigned code.
OTHP	OtherPrivate	Other privately assigned code.
SECS	SecureSoftware	PIN entry is protected via an approved software solution.
SECH	SecureHardware	PIN entry is protected via a secure hardware solution.

47.1.19.10.5 OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>

Presence: [0..1]

Definition: Other privately or nationally assigned code.

Datatype: "[Max35Text](#)" on page 2207

47.1.19.10.6 ApprovalCodeLength <ApprvlCdLngh>

Presence: [0..1]

Definition: Maximum number of characters of the approval code that the acquirer is able to manage.

Datatype: "Number" on page 2198

47.1.19.10.7 MaxScriptLength <MxScrptLngh>

Presence: [0..1]

Definition: Maximum data length in bytes that a card issuer can return to the ICC at the terminal.

Datatype: "Number" on page 2198

47.1.19.10.8 CardCaptureCapable <CardCaptrCpbl>

Presence: [0..1]

Definition: Indicates whether the terminal can capture cards or not.

True: The terminal is able to capture cards

False: The terminal is not able to capture cards.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.19.10.9 OnLineCapability <OnLineCpblty>

Presence: [0..1]

Definition: Capability of the terminal to go online.

Datatype: "OnLineCapability2Code" on page 2168

CodeName	Name	Definition
OFLN	OffLine	Off-line only capable.
ONLN	OnLine	On-line only capable.
BOTH	BothOnLineAndOffLine	Both online and offline

47.1.19.10.10 MessageCapability <MsgCpblty>

Presence: [0..*]

Definition: Capability of the terminal to display or print messages to the cardholder or the merchant.

MessageCapability <MsgCpblty> contains the following **DisplayCapabilities6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[1..1]	CodeSet		1894
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1894
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1894
	LineWidth <LineWidth>	[0..1]	Quantity		1894
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C2	1895

47.1.19.10.10.1 Destination <Dstn>

Presence: [1..1]

Definition: Destination of the message to present.

Datatype: "UserInterface1Code" on page 2194

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.

47.1.19.10.10.2 AvailableFormat <AvlblFrmt>

Presence: [0..*]

Definition: Available message format.

Datatype: "OutputFormat1Code" on page 2169

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.

47.1.19.10.10.3 NumberOfLines <NbOfLines>

Presence: [0..1]

Definition: Number of lines of the display.

Datatype: "Number" on page 2198

47.1.19.10.10.4 LineWidth <LineWidth>

Presence: [0..1]

Definition: Number of columns of the display or printer.

Datatype: "Number" on page 2198

47.1.19.10.10.5 AvailableLanguage <AvlblLang>*Presence:* [0..*]*Definition:* Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).*Impacted by:* C2 "ValidationByTable"*Datatype:* "LanguageCode" on page 2159**Constraints**

- **ValidationByTable**

Must be a valid terrestrial language.

47.1.19.10.11 CardholderVerificationCapability <CrdhldrVrfctnCpblty>*Presence:* [0..*]*Definition:* Cardholder verification capabilities performing the transaction at the point of service.**CardholderVerificationCapability <CrdhldrVrfctnCpblty>** contains the following elements (see "CardholderVerificationCapabilities1" on page 1857 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1857
	OtherCapability <OthrCpblty>	[0..1]	Text		1858

47.1.19.10.12 TemporarySecureCardDataStorage <TempScrCardDataStorg>*Presence:* [0..1]*Definition:* Terminal is capable of temporary secure storage of the card details for reuse upon permission of the card issuer.

Default meaning when not present: false.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.20 Rate**47.1.20.1 RentalRate1***Definition:* Vehicle rental rate

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Period <Prd>	[0..1]	CodeSet		1896
	OtherPeriod <OthrPrd>	[0..1]	Text		1896
	Rate <Rate>	[0..1]	Amount		1896
	PeriodCount <PrdCnt>	[0..1]	Text		1896

47.1.20.1.1 Period <Prd>

Presence: [0..1]

Definition: Unit of measure used to compute the rental rate.

Datatype: "PeriodUnit3Code" on page 2175

CodeName	Name	Definition
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
MNTH	Months	Counted in months.
WEEK	Weeks	Counted in weeks.
YEAR	Years	Counted in years.
DAYS	Days	Counted in days.
EXDY	ExtraDays	Extra Days

47.1.20.1.2 OtherPeriod <OthrPrd>

Presence: [0..1]

Definition: Other unit of measure used to compute the rental rate.

Datatype: "Max35Text" on page 2207

47.1.20.1.3 Rate <Rate>

Presence: [0..1]

Definition: Rate applied to the vehicle rental for the specified period.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.20.1.4 PeriodCount <PrdCnt>

Presence: [0..1]

Definition: Duration of the period for which the rental rate is calculated.

Datatype: "Max4NumericText" on page 2208

47.1.21 Reconciliation

47.1.21.1 Reconciliation3

Definition: Identification of the reconciliation period between an acquirer and an issuer or their respective agents.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1897
	Date <Dt>	[0..1]	Date		1897
	CheckpointReference <ChckptRef>	[0..1]	Text		1897

47.1.21.1.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the reconciliation.

Datatype: "Max35Text" on page 2207

47.1.21.1.2 Date <Dt>

Presence: [0..1]

Definition: Date of the reconciliation.

ISO 8583:93/2003 bit 28

Datatype: "ISODate" on page 2196

47.1.21.1.3 CheckpointReference <ChckptRef>

Presence: [0..1]

Definition: A value used to allow a period within a reconciliation date. Refer to ISO8583:2003 Field 29

Datatype: "Max35Text" on page 2207

47.1.21.2 MessageReconciliation3

Definition: Contains message reconciliation data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1897
	OtherType <OthrTp>	[0..1]	Text		1898
	Count <Cnt>	[1..1]	Quantity		1899

47.1.21.2.1 Type <Tp>

Presence: [1..1]

Definition: Contains the reconciliation message type.

Datatype: "ReconciliationMessageType2Code" on page 2182

CodeName	Name	Definition
BATR	BatchTransferResponse	Batch Transfer Response
CAMI	CardManagementInitiation	Card Management Initiation
CAMR	CardManagementResponse	Card Management Response
CGBI	ChargebackInitiation	Chargeback Initiation
CGBR	ChargebackResponse	Chargeback Response
EROR	Error	Error
FECI	FeeCollectionInitiation	Fee Collection Initiation
FECD	FeeCollectionResponse	Fee Collection Response
FIAI	FileActionInitiation	File Action Initiation

CodeName	Name	Definition
FIAR	FileActionResponse	File Action Response
FINR	FinancialResponse	Financial Response
FINI	FinancialInitiation	Financial Initiation
FRDI	FraudDispositionInitiation	Fraud Disposition Initiation
FRDR	FraudDispositionResponse	Fraud Disposition Response
FRRI	FraudReportingInitiation	Fraud Reporting Initiation
FRRR	FraudReportingResponse	Fraud Reporting Response
INQI	InquiryInitiation	Inquiry Initiation
INQR	InquiryResponse	Inquiry Response
KYEI	KeyExchangeInitiation	Key Exchange Initiation
KYER	KeyExchangeResponse	Key Exchange Response
NWMI	NetworkManagementInitiation	Network Management Initiation.
NWMR	NetworkManagementResponse	Network Management Response
RECI	ReconciliationInitiation	Reconciliation Initiation
RECR	ReconciliationResponse	Reconciliation Response
RTFI	RetrievalFulfilmentInitiation	Retrieval Fulfilment Initiation
RTFR	RetrievalFulfilmentResponse	Retrieval Fulfilment Response
RTRI	RetrievalResponse	Retrieval Response
REVI	ReversalInitiation	Reversal Initiation
REVR	ReversalResponse	Reversal Response
SERI	SettlementReportingInitiation	Settlement Reporting Initiation
SERR	SettlementReportingResponse	Settlement Reporting Response
VERI	VerificationInitiation	Verification Initiation.
VERR	VerificationResponse	Verification Response
AMDT	Amendment	Amendment
ATHI	AuthorisationInitiation	Authorisation Initiation
ATHR	AuthorisationResponse	Authorisation Response
BAMI	BatchManagementInitiation	Batch Management Initiation
BAMR	BatchManagementResponse	Batch Management Response
BATI	BatchTransferInitiation	Batch Transfer Initiation
ADDI	AddendumInitiation	Addendum initiation
ADDR	AddendumResponse	Addendum response
RTVI	RetrievalInitiation	Retrieval Initiation Message

47.1.21.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other reconciliation message type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.21.2.3 Count <Cnt>

Presence: [1..1]

Definition: Number of transactions.

Datatype: "Number" on page 2198

47.1.21.3 FinancialReconciliation2

Definition: Contains financial reconciliation data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationImpact <RcncltnImpct>	[1..1]	CodeSet		1899
	Type <Tp>	[1..1]	CodeSet		1899
	OtherType <OthrTp>	[0..1]	Text		1899
	Amount <Amt>	[1..1]	Amount		1900
	Count <Cnt>	[1..1]	Quantity		1900

47.1.21.3.1 ReconciliationImpact <RcncltnImpct>

Presence: [1..1]

Definition: Reconciliation credit or debit indicator.

Datatype: "ReconciliationImpact1Code" on page 2182

CodeName	Name	Definition
DEBT	Debit	Debit category
CRDT	Credit	Credit category

47.1.21.3.2 Type <Tp>

Presence: [1..1]

Definition: Contains the reconciliation category.

Datatype: "ReconciliationCategory1Code" on page 2181

CodeName	Name	Definition
RVSL	Reversal	Reconciliation category is reversal.
OTHP	OtherPrivate	Reconciliation category is other private
OTHN	OtherNational	Reconciliation category is other national.
FNCL	Financial	Reconciliation category is financial.
CGBK	Chargeback	Reconciliation category is a chargeback.

47.1.21.3.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other reconciliation category defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.21.3.4 Amount <Amt>

Presence: [1..1]

Definition: Cumulative amount of all financial transactions.

ISO 8583:87 bit 86,87,88 & 89

ISO 8583:93 bit 86,87,88 ,89,105 & 106

ISO 8583:2003 bit 74-1,74-3,74-5,74-7,74-9 & 74-11

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.21.3.5 Count <Cnt>

Presence: [1..1]

Definition: Number of transactions.

ISO 8583:87 bit 74, 75, 76, 77, 78, 79 & 81

ISO 8583:93 bit 74, 75, 76, 77, 78, 79, 80, 81, 83, 84, 85, 90, 107 & 108

ISO 8583:2003 bit 74-2, 74-4, 74-6, 74-8, 74-10, 74-12, 75-1, 75-2, 75-4, 75-5, 75-6, 76-7, 75-8 & 75-9

Datatype: "Number" on page 2198

47.1.21.4 AdditionalFeeReconciliation2

Definition: Contains additional fee reconciliation data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationImpact <RcncltnImpct>	[1..1]	CodeSet		1900
	Type <Tp>	[1..1]	CodeSet		1901
	OtherType <OthrTp>	[0..1]	Text		1901
	Amount <Amt>	[1..1]	Amount		1901
	Count <Cnt>	[1..1]	Quantity		1901

47.1.21.4.1 ReconciliationImpact <RcncltnImpct>

Presence: [1..1]

Definition: Reconciliation credit or debit indicator.

Datatype: "ReconciliationImpact1Code" on page 2182

CodeName	Name	Definition
DEBT	Debit	Debit category

CodeName	Name	Definition
CRDT	Credit	Credit category

47.1.21.4.2 Type <Tp>

Presence: [1..1]

Definition: contains the list of additional fee types.

Datatype: "TypeOfAmount21Code" on page 2191

CodeName	Name	Definition
INTC	InterchangeFee	Interchange fee.
FEEP	ProcessingFees	Processing fees.
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.
FEEA	InternationalServiceAssessmentFees	International service assessment fees.
CSIF	CashBackInterchangeFee	Interchange fee applicable to cash back amount.
MXIF	MaximumInterchangeFee	Maximum applicable interchange fee.
MNIF	MinimumInterchangeFee	Minimum interchange fee applicable.

47.1.21.4.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other amount type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.21.4.4 Amount <Amt>

Presence: [1..1]

Definition: Cumulative amount of all financial transactions.

ISO 8583:87 bit 82, 83, 84 & 85

ISO 8583:93/2003 bit 109 & 110

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.21.4.5 Count <Cnt>

Presence: [1..1]

Definition: Number of transactions.

Datatype: "Number" on page 2198

47.1.22 Reference Data

47.1.22.1 TransactionIdentification10

Definition: Identification of the transaction for network management.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDateTime <LcIDtTm>	[1..1]	DateTime		1902
	TimeZone <TmZone>	[0..1]	Text		1902
	TransactionReference <TxRef>	[0..1]	Text		1902
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1903
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1903
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1903
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1903
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1903
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1904
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1904
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1904
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1904

47.1.22.1.1 LocalDateTime <LcIDtTm>

Presence: [1..1]

Definition: Local date and time the transaction takes place at the card acceptor location.

ISO 8583:87 bit 12 and 13, ISO 8583:93/2003 bit 12

Datatype: "ISODateTime" on page 2196

47.1.22.1.2 TimeZone <TmZone>

Presence: [0..1]

Definition: Time zone name (for example, as defined by IANA - Internet Assigned Numbers Authority - in the time zone database.

Datatype: "Max70Text" on page 2209

47.1.22.1.3 TransactionReference <TxRef>

Presence: [0..1]

Definition: Identification of the transaction by the card acceptor. It may appear on the receipt of the cardholder. It remains unchanged throughout the lifetime of the transaction.

Datatype: "Max35Text" on page 2207

47.1.22.1.4 TransmissionDateTime <TrnsmsnDtTm>

Presence: [0..1]

Definition: Date and time expressed in UTC of the message as sent by the initiator.

ISO 8583 bit 7

Datatype: "ISODateTime" on page 2196

47.1.22.1.5 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [1..1]

Definition: A number assigned by a transaction originator to assist in identifying a transaction uniquely. The trace number remains unchanged for all messages within a two-message exchange (for example, request/repeat and response)

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.1.6 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [1..1]

Definition: Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.1.7 LifeCycleSupportIndicator <LifeCyclSpprtInd>

Presence: [0..1]

Definition: Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

Datatype: "Exact2NumericText" on page 2200

47.1.22.1.8 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following elements (see "TransactionLifeCycleIdentification1" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.1.9 LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>

Presence: [0..1]

Definition: Reason for not providing a lifecycle trace identification information.

Datatype: "Max70Text" on page 2209

47.1.22.1.10 AcquirerReferenceData <AcqrrRefData>

Presence: [0..1]

Definition: Data supplied by an acquirer in an authorisation or financial request, advice or notification that may be required to be provided in a subsequent transaction.

ISO 8583:93 bit 31

Datatype: "Max99Text" on page 2210

47.1.22.1.11 AcquirerReferenceNumber <AcqrrRefNb>

Presence: [0..1]

Definition: Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

ISO 8583:2003 bit 31

Datatype: "Max23NumericText" on page 2205

47.1.22.1.12 CardIssuerReferenceData <CardIssrRefData>

Presence: [0..1]

Definition: Data supplied by a card issuer in an authorisation response, financial response message or in a chargeback transaction that the acquirer may be required to provide in subsequent transactions.

ISO 8583:1993 and ISO 8583:2003 bit 95.

Datatype: "Max1000Text" on page 2201

47.1.22.2 TransactionIdentification20

Definition: Identification of the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionReference <TxRef>	[0..1]	Text		1905
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1905
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1905
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1905
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1906
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1906
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1906
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1906
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1906

47.1.22.2.1 TransactionReference <TxRef>

Presence: [0..1]

Definition: Identification of the transaction by the card acceptor. It may appear on the receipt of the cardholder. It remains unchanged throughout the lifetime of the transaction.

Datatype: "Max35Text" on page 2207

47.1.22.2.2 TransmissionDateTime <TrnsmssnDtTm>

Presence: [1..1]

Definition: Local date and time the transaction takes place at the card acceptor location.

ISO 8583:87 bit 12 and 13, ISO 8583:93/2003 bit 12

Datatype: "ISODatetime" on page 2196

47.1.22.2.3 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [1..1]

Definition: Number assigned by a transaction originator to assist in identifying a transaction uniquely. The trace number remains unchanged for all messages within a two-message exchange (for example, request/repeat and response).

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.2.4 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [0..1]

Definition: Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.2.5 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following elements (see "TransactionLifeCycleIdentification1" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.2.6 AcquirerReferenceData <AcqrrRefData>

Presence: [0..1]

Definition: Data supplied by an acquirer in an authorisation or financial request, advice or notification that may be required to be provided in a subsequent transaction.

ISO 8583:93 bit 31

Datatype: "Max140Text" on page 2203

47.1.22.2.7 AcquirerReferenceNumber <AcqrrRefNb>

Presence: [0..1]

Definition: Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

ISO 8583:2003 bit 31

Datatype: "Max23NumericText" on page 2205

47.1.22.2.8 CardIssuerReferenceData <CardIssrRefData>

Presence: [0..1]

Definition: Data supplied by a card issuer in an authorisation response, financial response message or in a chargeback transaction that the acquirer may be required to provide in subsequent transactions.

ISO 8583:1993 and ISO 8583:2003 bit 95.

Datatype: "Max1000Text" on page 2201

47.1.22.2.9 OriginalDataElements <OrgnlDataElmts>

Presence: [0..1]

Definition: Data elements contained in the original message.

ISO 8583:1987 bit 90 and ISO 8583:1993/2003 bit 56

OriginalDataElements <OrgnlDataElmts> contains the following elements (see "OriginalDataElements2" on page 1917 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgClss>	[0..1]	CodeSet		1918
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1919
	TransactionType <TxTp>	[0..1]	CodeSet		1919
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1919
	SenderIdentification <Sndrld>	[0..1]	Text		1919
	LocalDate <LclDt>	[0..1]	Date		1919
	LocalTime <LclTm>	[0..1]	Time		1919
	TimeZone <TmZone>	[0..1]	Text		1920
	TransactionReference <TxRef>	[0..1]	Text		1920
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1920
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		1920
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1920
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1920
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1921
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1921
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1921
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1921
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1921

47.1.22.3 TransactionIdentification18

Definition: Identification of the transaction for network management.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1908
	LocalTime <LclTm>	[0..1]	Time		1908
	TimeZone <TmZone>	[0..1]	Text		1908
	TransactionReference <TxRef>	[0..1]	Text		1908
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1909
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1909
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1909
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1909
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1910

47.1.22.3.1 LocalDate <LclDt>*Presence:* [0..1]*Definition:* Local date the transaction takes place at the card acceptor location.*Datatype:* "ISODate" on page 2196**47.1.22.3.2 LocalTime <LclTm>***Presence:* [0..1]*Definition:* Local time the transaction takes place at the card acceptor location.*Datatype:* "ISOTime" on page 2211**47.1.22.3.3 TimeZone <TmZone>***Presence:* [0..1]*Definition:* Time zone name (for example, as defined by IANA - Internet Assigned Numbers Authority - in the time zone database.*Datatype:* "Max70Text" on page 2209**47.1.22.3.4 TransactionReference <TxRef>***Presence:* [0..1]*Definition:* Identification of the transaction by the card acceptor. It may appear on the receipt of the cardholder. It remains unchanged throughout the lifetime of the transaction.*Datatype:* "Max35Text" on page 2207

47.1.22.3.5 TransmissionDateTime <TrnsmsnDtTm>

Presence: [0..1]

Definition: Date and time expressed in UTC of the message as sent by the initiator.

ISO 8583 bit 7

Datatype: "ISODatetime" on page 2196

47.1.22.3.6 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [1..1]

Definition: Number assigned by a transaction originator to assist in identifying a transaction uniquely. The trace number remains unchanged for all messages within a two-message exchange (for example, request/repeat and response).

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.3.7 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [1..1]

Definition: Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.3.8 LifeCycleSupportIndicator <LifeCyclSpprtInd>

Presence: [0..1]

Definition: Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

Datatype: "Exact2NumericText" on page 2200

47.1.22.3.9 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following elements (see "TransactionLifeCycleIdentification1" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.3.10 LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>

Presence: [0..1]

Definition: Reason for not providing a lifecycle trace identification information.

Datatype: "Max70Text" on page 2209

47.1.22.3.11 AcquirerReferenceData <AcqrrRefData>

Presence: [0..1]

Definition: Data supplied by an acquirer in an authorisation or financial request, advice or notification that may be required to be provided in a subsequent transaction.

ISO 8583:93 bit 31

Datatype: "Max140Text" on page 2203

47.1.22.3.12 AcquirerReferenceNumber <AcqrrRefNb>

Presence: [0..1]

Definition: Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

ISO 8583:2003 bit 31

Datatype: "Max23NumericText" on page 2205

47.1.22.3.13 CardIssuerReferenceData <CardIssrRefData>

Presence: [0..1]

Definition: Data supplied by a card issuer in an authorisation response, financial response message or in a chargeback transaction that the acquirer may be required to provide in subsequent transactions.

ISO 8583:1993 and ISO 8583:2003 bit 95.

Datatype: "Max1000Text" on page 2201

47.1.22.4 TransactionIdentification17

Definition: Identification of the transaction for network management.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1911
	LocalTime <LclTm>	[0..1]	Time		1911
	TimeZone <TmZone>	[0..1]	Text		1911
	TransactionReference <TxRef>	[0..1]	Text		1911
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1912
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1912
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1912
	LifeCycleSupportIndicator <LifeCyclSpprtInd>	[0..1]	Text		1912
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1912
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1913
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1913
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1913
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1913

47.1.22.4.1 LocalDate <LclDt>

Presence: [1..1]

Definition: Local date the transaction takes place at the card acceptor location.

Datatype: "ISODate" on page 2196

47.1.22.4.2 LocalTime <LclTm>

Presence: [0..1]

Definition: Local time the transaction takes place at the card acceptor location.

Datatype: "ISOTime" on page 2211

47.1.22.4.3 TimeZone <TmZone>

Presence: [0..1]

Definition: Time zone name (for example, as defined by IANA - Internet Assigned Numbers Authority - in the time zone database.

Datatype: "Max70Text" on page 2209

47.1.22.4.4 TransactionReference <TxRef>

Presence: [0..1]

Definition: Identification of the transaction by the card acceptor. It may appear on the receipt of the cardholder. It remains unchanged throughout the lifetime of the transaction.

Datatype: "Max35Text" on page 2207

47.1.22.4.5 TransmissionDateTime <TrnsmssnDtTm>

Presence: [0..1]

Definition: Date and time expressed in UTC of the message as sent by the initiator.

ISO 8583 bit 7

Datatype: "ISODateTime" on page 2196

47.1.22.4.6 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [1..1]

Definition: A number assigned by a transaction originator to assist in identifying a transaction uniquely. The trace number remains unchanged for all messages within a two-message exchange (for example, request/repeat and response)

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.4.7 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [1..1]

Definition: Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.4.8 LifeCycleSupportIndicator <LifeCyclSpprtInd>

Presence: [0..1]

Definition: Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

Datatype: "Exact2NumericText" on page 2200

47.1.22.4.9 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following elements (see "TransactionLifeCycleIdentification1" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.4.10 LifeCycleTraceIdentificationMissing <LifeCyclTraceIdMssng>

Presence: [0..1]

Definition: Reason for not providing a lifecycle trace identification information.

Datatype: "Max70Text" on page 2209

47.1.22.4.11 AcquirerReferenceData <AcqrrRefData>

Presence: [0..1]

Definition: Data supplied by an acquirer in an authorisation or financial request, advice or notification that may be required to be provided in a subsequent transaction.

ISO 8583:93 bit 31

Datatype: "Max140Text" on page 2203

47.1.22.4.12 AcquirerReferenceNumber <AcqrrRefNb>

Presence: [0..1]

Definition: Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

ISO 8583:2003 bit 31

Datatype: "Max23NumericText" on page 2205

47.1.22.4.13 CardIssuerReferenceData <CardIssrRefData>

Presence: [0..1]

Definition: Data supplied by a card issuer in an authorisation response, financial response message or in a chargeback transaction that the acquirer may be required to provide in subsequent transactions.

ISO 8583:1993 and ISO 8583:2003 bit 95.

Datatype: "Max1000Text" on page 2201

47.1.22.5 TransactionIdentification16

Definition: Identification of the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LcIDt>	[1..1]	Date		1914
	LocalTime <LcITm>	[0..1]	Time		1914
	TimeZone <TmZone>	[0..1]	Text		1914
	TransactionReference <TxRef>	[0..1]	Text		1914
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1915
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1915
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1915
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1915
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1915
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1916
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1916
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1916
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1916
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1916

47.1.22.5.1 LocalDate <LcIDt>

Presence: [1..1]

Definition: Local date the transaction takes place at the card acceptor location.

Datatype: "ISODate" on page 2196

47.1.22.5.2 LocalTime <LcITm>

Presence: [0..1]

Definition: Local time the transaction takes place at the card acceptor location.

Datatype: "ISOTime" on page 2211

47.1.22.5.3 TimeZone <TmZone>

Presence: [0..1]

Definition: Time zone name (for example, as defined by IANA - Internet Assigned Numbers Authority - in the time zone database).

Datatype: "Max70Text" on page 2209

47.1.22.5.4 TransactionReference <TxRef>

Presence: [0..1]

Definition: Identification of the transaction by the card acceptor. It may appear on the receipt of the cardholder. It remains unchanged throughout the lifetime of the transaction.

Datatype: "Max35Text" on page 2207

47.1.22.5.5 TransmissionDateTime <TrnsmssnDtTm>

Presence: [0..1]

Definition: Date and time expressed in UTC of the message as sent by the initiator.

ISO 8583 bit 7

Datatype: "ISODateTime" on page 2196

47.1.22.5.6 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [1..1]

Definition: Number assigned by a transaction originator to assist in identifying a transaction uniquely. The trace number remains unchanged for all messages within a two-message exchange (for example, request/repeat and response).

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.5.7 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [1..1]

Definition: Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.5.8 LifeCycleSupport <LifeCyclSpprt>

Presence: [0..1]

Definition: Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

Datatype: "LifeCycleSupport1Code" on page 2160

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

47.1.22.5.9 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following elements (see "TransactionLifeCycleIdentification1" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.5.10 LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>

Presence: [0..1]

Definition: Reason for not providing a lifecycle trace identification information.

Datatype: "Max70Text" on page 2209

47.1.22.5.11 AcquirerReferenceData <AcqrrRefData>

Presence: [0..1]

Definition: Data supplied by an acquirer in an authorisation or financial request, advice or notification that may be required to be provided in a subsequent transaction.

ISO 8583:93 bit 31

Datatype: "Max140Text" on page 2203

47.1.22.5.12 AcquirerReferenceNumber <AcqrrRefNb>

Presence: [0..1]

Definition: Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

ISO 8583:2003 bit 31

Datatype: "Max23NumericText" on page 2205

47.1.22.5.13 CardIssuerReferenceData <CardIssrRefData>

Presence: [0..1]

Definition: Data supplied by a card issuer in an authorisation response, financial response message or in a chargeback transaction that the acquirer may be required to provide in subsequent transactions.

ISO 8583:1993 and ISO 8583:2003 bit 95.

Datatype: "Max1000Text" on page 2201

47.1.22.5.14 OriginalDataElements <OrgnlDataElmts>

Presence: [0..1]

Definition: Data elements contained in the original message.

ISO 8583:1987 bit 90 and ISO 8583:1993/2003 bit 56

OriginalDataElements <OrgnlDataElmts> contains the following elements (see "OriginalDataElements2" on page 1917 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgClss>	[0..1]	CodeSet		1918
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1919
	TransactionType <TxTp>	[0..1]	CodeSet		1919
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1919
	SenderIdentification <Sndrld>	[0..1]	Text		1919
	LocalDate <LclDt>	[0..1]	Date		1919
	LocalTime <LclTm>	[0..1]	Time		1919
	TimeZone <TmZone>	[0..1]	Text		1920
	TransactionReference <TxRef>	[0..1]	Text		1920
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1920
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		1920
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1920
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1920
	LifeCycleTraceIdentificationData <LifeCyclTracldData>	[0..1]	±		1921
	LifeCycleTraceIdentificationMissing <LifeCyclTracldMssng>	[0..1]	Text		1921
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1921
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1921
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1921

47.1.22.6 OriginalDataElements2

Definition: Data elements contained in the original message.

ISO 8583:1987 bit 90 and ISO 8583 1993/2003 bit 56.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgClss>	[0..1]	CodeSet		1918
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1919
	TransactionType <TxTp>	[0..1]	CodeSet		1919
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1919
	SenderIdentification <Sndrld>	[0..1]	Text		1919
	LocalDate <LclDt>	[0..1]	Date		1919
	LocalTime <LclTm>	[0..1]	Time		1919
	TimeZone <TmZone>	[0..1]	Text		1920
	TransactionReference <TxRef>	[0..1]	Text		1920
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1920
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		1920
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1920
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1920
	LifeCycleTraceIdentificationData <LifeCyclTracldData>	[0..1]	±		1921
	LifeCycleTraceIdentificationMissing <LifeCyclTracldMssng>	[0..1]	Text		1921
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1921
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1921
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1921

47.1.22.6.1 MessageClass <MsgClss>

Presence: [0..1]

Definition: Message class of the original message.

Datatype: "MessageClass1Code" on page 2163

CodeName	Name	Definition
ADDE	Addendum	Addendum class of messages.
AMDT	Amendment	Amendment class of messages.
AUTH	Authorisation	Authorisation class of messages.
CMGT	CardManagement	Card management class of messages.
CBCK	ChargeBack	Charge back class of messages.
FEEC	FeeCollection	Fee collection class of messages.
FINL	Financial	Financial class of messages.
INQY	Inquiry	Inquiry class of messages.
VERI	Verification	Verification class of messages.

47.1.22.6.2 MessageFunction <MsgFctn>

Presence: [0..1]

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

Datatype: "MessageFunction16Code" on page 2164

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.
CAAD	CaptureAdvice	Advice about the capture of an activity already performed (response expected).
CANO	CaptureNotification	Notification about the capture of an activity already performed (no response expected).
REQU	Request	Message function is a request.

47.1.22.6.3 TransactionType <TxTp>

Presence: [0..1]

Definition: Type of transaction associated with the main service.

Datatype: "ISO8583TransactionTypeCode" on page 2157

47.1.22.6.4 AcquirerIdentification <AcqrrId>

Presence: [0..1]

Definition: Code identifying the acquirer of the original message.

ISO 8583 bit 32

Datatype: "Max11NumericText" on page 2203

47.1.22.6.5 SenderIdentification <SndrId>

Presence: [0..1]

Definition: Code identifying the sender of the original message.

ISO 8583 bit 33.

Datatype: "Max11NumericText" on page 2203

47.1.22.6.6 LocalDate <LclDt>

Presence: [0..1]

Definition: Local date the transaction takes place at the acceptor location.

Datatype: "ISODate" on page 2196

47.1.22.6.7 LocalTime <LclTm>

Presence: [0..1]

Definition: Local time the transaction takes place at the acceptor location.

Datatype: "ISOTime" on page 2211

47.1.22.6.8 TimeZone <TmZone>

Presence: [0..1]

Definition: Time zone name (for example, as defined by IANA - Internet Assigned Numbers Authority) in the time zone data base.

Datatype: "Max70Text" on page 2209

47.1.22.6.9 TransactionReference <TxRef>

Presence: [0..1]

Definition: Identification of the transaction by the card acceptor. It may appear on the receipt of the cardholder. It remains unchanged throughout the lifetime of the transaction.

Datatype: "Max35Text" on page 2207

47.1.22.6.10 TransmissionDateTime <TrnsmsnDtTm>

Presence: [0..1]

Definition: Date and time expressed in UTC of the message as sent by the initiator.

ISO 8583 bit 7

Datatype: "ISODatetime" on page 2196

47.1.22.6.11 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [0..1]

Definition: Transaction reference of the original message.

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.6.12 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [0..1]

Definition: Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.6.13 LifeCycleSupport <LifeCyclSpprt>

Presence: [0..1]

Definition: Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

Datatype: "LifeCycleSupport1Code" on page 2160

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

47.1.22.6.14 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following elements (see "TransactionLifeCycleIdentification1" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.6.15 LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>

Presence: [0..1]

Definition: Reason for not providing a lifecycle trace identification information.

Datatype: "Max70Text" on page 2209

47.1.22.6.16 AcquirerReferenceData <AcqrrRefData>

Presence: [0..1]

Definition: Data supplied by an acquirer in an authorisation or financial request, advice or notification that may be required to be provided in a subsequent transaction.

Datatype: "Max140Text" on page 2203

47.1.22.6.17 AcquirerReferenceNumber <AcqrrRefNb>

Presence: [0..1]

Definition: Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

ISO 8583:2003 bit 31

Datatype: "Max23NumericText" on page 2205

47.1.22.6.18 CardIssuerReferenceData <CardIssrRefData>

Presence: [0..1]

Definition: Data supplied by a card issuer in an authorisation response, financial response message or in a chargeback transaction that the acquirer may be required to provide in subsequent transactions.

ISO 8583:1993 and ISO 8583:2003 bit 95.

Datatype: "Max1000Text" on page 2201

47.1.22.7 TransactionIdentification51

Definition: Identification of the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1922
	LocalTime <LclTm>	[0..1]	Time		1922
	TimeZone <TmZone>	[0..1]	Text		1922
	TransactionReference <TxRef>	[0..1]	Text		1922
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1923
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1923
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1923
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1923
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1924
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1924

47.1.22.7.1 LocalDate <LclDt>

Presence: [0..1]

Definition: Local date the transaction takes place at the card acceptor location.

Datatype: "ISODate" on page 2196

47.1.22.7.2 LocalTime <LclTm>

Presence: [0..1]

Definition: Local time the transaction takes place at the card acceptor location.

Datatype: "ISOTime" on page 2211

47.1.22.7.3 TimeZone <TmZone>

Presence: [0..1]

Definition: Time zone name (for example, as defined by IANA - Internet Assigned Numbers Authority - in the time zone database).

Datatype: "Max70Text" on page 2209

47.1.22.7.4 TransactionReference <TxRef>

Presence: [0..1]

Definition: Identification of the transaction by the card acceptor. It may appear on the receipt of the cardholder. It remains unchanged throughout the lifetime of the transaction.

Datatype: "Max35Text" on page 2207

47.1.22.7.5 TransmissionDateTime <TrnsmssnDtTm>

Presence: [0..1]

Definition: Date and time expressed in UTC of the message as sent by the initiator.

ISO 8583 bit 7

Datatype: "ISODateTime" on page 2196

47.1.22.7.6 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [1..1]

Definition: Number assigned by a transaction originator to assist in identifying a transaction uniquely. The trace number remains unchanged for all messages within a two-message exchange (for example, request/repeat and response).

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.7.7 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [1..1]

Definition: Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.7.8 LifeCycleSupport <LifeCyclSpprt>

Presence: [0..1]

Definition: Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

Datatype: "LifeCycleSupport1Code" on page 2160

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

47.1.22.7.9 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following elements (see "TransactionLifeCycleIdentification1" on page 1925 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.7.10 LifeCycleTraceIdentificationMissing <LifeCyclTracIdMssng>

Presence: [0..1]

Definition: Reason for not providing a lifecycle trace identification information.

Datatype: "Max70Text" on page 2209

47.1.22.7.11 AcquirerReferenceData <AcqrrRefData>

Presence: [0..1]

Definition: Data supplied by an acquirer in an authorisation or financial request, advice or notification that may be required to be provided in a subsequent transaction.

ISO 8583:93 bit 31

Datatype: "Max140Text" on page 2203

47.1.22.7.12 AcquirerReferenceNumber <AcqrrRefNb>

Presence: [0..1]

Definition: Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

ISO 8583:2003 bit 31

Datatype: "Max23NumericText" on page 2205

47.1.22.7.13 CardIssuerReferenceData <CardIssrRefData>

Presence: [0..1]

Definition: Data supplied by a card issuer in an authorisation response, financial response message or in a chargeback transaction that the acquirer may be required to provide in subsequent transactions.

ISO 8583:1993 and ISO 8583:2003 bit 95.

Datatype: "Max1000Text" on page 2201

47.1.22.7.14 OriginalDataElements <OrgnlDataElmts>

Presence: [0..1]

Definition: Data elements contained in the original message.

ISO 8583:1987 bit 90 and ISO 8583:1993/2003 bit 56

OriginalDataElements <OrgnlDataElmts> contains the following elements (see "OriginalDataElements2" on page 1917 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgClss>	[0..1]	CodeSet		1918
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1919
	TransactionType <TxTp>	[0..1]	CodeSet		1919
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1919
	SenderIdentification <Sndrld>	[0..1]	Text		1919
	LocalDate <LclDt>	[0..1]	Date		1919
	LocalTime <LclTm>	[0..1]	Time		1919
	TimeZone <TmZone>	[0..1]	Text		1920
	TransactionReference <TxRef>	[0..1]	Text		1920
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1920
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		1920
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1920
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1920
	LifeCycleTraceIdentificationData <LifeCyclTracldData>	[0..1]	±		1921
	LifeCycleTraceIdentificationMissing <LifeCyclTracldMssng>	[0..1]	Text		1921
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1921
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1921
	CardIssuerReferenceData <CardIssrRefData>	[0..1]	Text		1921

47.1.22.8 TransactionLifeCycleIdentification1

Definition: Unique global identification structure used to match transactions throughout their lifecycle (for example, authorisation to financial, financial to chargebacks, etc.).

It shall contain the same value in all messages throughout a transaction's lifecycle.

ISO 8583:2003 bit 21

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1926
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1926
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1926
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1926
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1926

47.1.22.8.1 Identification <Id>

Presence: [1..1]

Definition: Unique transaction identifier.

ISO 8583:2003 bit 21-2

Datatype: "Exact15Text" on page 2200

47.1.22.8.2 AuthorisationSequenceNumber <AuthstnSeqNb>

Presence: [0..1]

Definition: Contains authorisation sequence number.

Datatype: "Exact2NumericText" on page 2200

47.1.22.8.3 PresentmentSequenceNumber <PresntmntSeqNb>

Presence: [0..1]

Definition: Number used with trace identifier to uniquely identify where a single authorisation was obtained covering a number of financial presentments.

ISO 8583:2003 bit 21-3

Datatype: "Exact2NumericText" on page 2200

47.1.22.8.4 PresentmentSequenceCount <PresntmntSeqCnt>

Presence: [0..1]

Definition: Expected maximum number of presentments for this transaction.

Datatype: "Exact2NumericText" on page 2200

47.1.22.8.5 AuthenticationToken <AuthntcnTkn>

Presence: [0..1]

Definition: Code calculated using an algorithm against key transaction data elements that are common to both authorisation and financial messages.

ISO 8583:2003 bit 21-4

Datatype: "Max35Text" on page 2207

47.1.22.9 TransactionIdentification12

Definition: Identification of the transaction for network management.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1927
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1927
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1927
	LifeCycleTraceIdentificationData <LifeCyclTracIdData>	[0..1]			1927
	Identification <Id>	[1..1]	Text		1928

47.1.22.9.1 SystemTraceAuditNumber <SysTracAudtNb>

Presence: [1..1]

Definition: Number assigned by a transaction originator to assist in identifying a transaction uniquely. The trace number remains unchanged for all messages within a two-message exchange (for example, request/repeat and response)

ISO 8583 bit 11.

Datatype: "Max12NumericText" on page 2203

47.1.22.9.2 TransmissionDateTime <TrnsmssnDtTm>

Presence: [1..1]

Definition: Date and time expressed in UTC of the message as sent by the initiator.

ISO 8583 bit 7

Datatype: "ISODatetime" on page 2196

47.1.22.9.3 RetrievalReferenceNumber <RtrvlRefNb>

Presence: [0..1]

Definition: A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

ISO 8583 bit 37

Datatype: "Exact12Text" on page 2199

47.1.22.9.4 LifeCycleTraceIdentificationData <LifeCyclTracIdData>

Presence: [0..1]

Definition: Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

LifeCycleTraceIdentificationData <LifeCyclTracIdData> contains the following **TransactionLifeCycleIdentification2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1928

47.1.22.9.4.1 Identification <Id>

Presence: [1..1]

Definition: Unique transaction identifier.

ISO 8583:2003 bit 21-2

Datatype: "Exact15Text" on page 2200

47.1.23 Remittance

47.1.23.1 ClaimInformation1

Definition: Information provided to claim funds

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClaimCredentials <ClmCrdrntls>	[0..1]	Text		1928
	Assigner <Assgnr>	[0..1]	Text		1928

47.1.23.1.1 ClaimCredentials <ClmCrdrntls>

Presence: [0..1]

Definition: Code presented by the customer to claim funds.

Datatype: "Max500Text" on page 2208

47.1.23.1.2 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity issuing the claim credential.

Datatype: "Max35Text" on page 2207

47.1.23.2 TransferService2

Definition: Funds transfer service

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceProvider <SvcPrvdr>	[0..1]	Text		1928
	ServiceName <SvcNm>	[0..1]	Text		1929
	Reference <Ref>	[0..1]	Text		1929
	BusinessPurpose <BizPurp>	[0..1]	Text		1929
	Description <Desc>	[0..1]	Text		1929

47.1.23.2.1 ServiceProvider <SvcPrvdr>

Presence: [0..1]

Definition: Identification of the funding service provider.

Datatype: "Max35Text" on page 2207

47.1.23.2.2 ServiceName <SvcNm>

Presence: [0..1]

Definition: Name of the funding service (for example, MoneyGram, Western Union, etc.).

Datatype: "Max35Text" on page 2207

47.1.23.2.3 Reference <Ref>

Presence: [0..1]

Definition: Reference to the funding service.

Datatype: "Max35Text" on page 2207

47.1.23.2.4 BusinessPurpose <BizPurp>

Presence: [0..1]

Definition: Purpose of the transfer.

Datatype: "Max500Text" on page 2208

47.1.23.2.5 Description <Desc>

Presence: [0..1]

Definition: Free text that can be used between the sender and the receiver to describe the details of the transfer.

Datatype: "Max256Text" on page 2206

47.1.23.3 FundingService2

Definition: Funds related service such as a payment or a transfer related to the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FundingService <FndgSvc>	[0..1]	±		1929
	FundingSource <FndgSrc>	[0..*]	±		1930
	ClaimInformation <ClmInf>	[0..1]	±		1930

47.1.23.3.1 FundingService <FndgSvc>

Presence: [0..1]

Definition: Funding service details.

FundingService <FndgSvc> contains the following elements (see ["TransferService2"](#) on page 1928 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ServiceProvider <SvcPrvdr>	[0..1]	Text		1928
	ServiceName <SvcNm>	[0..1]	Text		1929
	Reference <Ref>	[0..1]	Text		1929
	BusinessPurpose <BizPurp>	[0..1]	Text		1929
	Description <Desc>	[0..1]	Text		1929

47.1.23.3.2 FundingSource <FndgSrc>

Presence: [0..*]

Definition: Source of funding.

FundingSource <FndgSrc> contains the following elements (see ["FundingSource2"](#) on page 1930 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceType <SrcTp>	[0..1]	CodeSet		1931
	OtherSourceType <OthrSrcTp>	[0..1]	Text		1931
	Reference <Ref>	[0..1]	Text		1931

47.1.23.3.3 ClaimInformation <ClmInf>

Presence: [0..1]

Definition: Information for claiming funds.

ClaimInformation <ClmInf> contains the following elements (see ["ClaimInformation1"](#) on page 1928 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClaimCredentials <ClmCrntls>	[0..1]	Text		1928
	Assigner <Assgnr>	[0..1]	Text		1928

47.1.23.4 FundingSource2

Definition: Source of funding

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SourceType <SrcTp>	[0..1]	CodeSet		1931
	OtherSourceType <OthrSrcTp>	[0..1]	Text		1931
	Reference <Ref>	[0..1]	Text		1931

47.1.23.4.1 SourceType <SrcTp>

Presence: [0..1]

Definition: Type of source funding used to perform the transfer of funds.

Datatype: "FundingSourceType2Code" on page 2151

CodeName	Name	Definition
LOYL	Loyalty	Loyalty points converted into cash
OTHN	OtherNational	Other type of account defined at national level.
OTHP	OtherPrivate	Other type of account defined at private level.
SVNG	Savings	Savings account.
UURL	Universal	Universal account.
CASH	Cash	Cash as a source type to perform the transaction.
CRDT	CreditCard	Credit card account.
CDBT	DebitCard	Debit card account.
EPRS	EpurseCard	Electronic purse card account.
DBAC	DebitAccount	Account for debiting funds.
CURR	Current	Current account.
CHQE	Cheque	Cheque
PRPD	PrePaid	Pre-paid account.
LCDT	LineOfCredit	Line of credit account.

47.1.23.4.2 OtherSourceType <OthrSrcTp>

Presence: [0..1]

Definition: Any other type of funding source used to perform the transfer of funds.

Datatype: "Max35Text" on page 2207

47.1.23.4.3 Reference <Ref>

Presence: [0..1]

Definition: Reference to the funding source.

Datatype: "Max35Text" on page 2207

47.1.24 Risk

47.1.24.1 RiskInputData1

Definition: Additional data to be considered for risk assessment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Entity <Ntty>	[0..1]			1932
	Type <Tp>	[0..1]	CodeSet		1932
	OtherType <OthrTp>	[0..1]	Text		1932
	Type <Tp>	[1..1]	Text		1933
	Value <Val>	[1..1]	Text		1933

47.1.24.1.1 Entity <Ntty>

Presence: [0..1]

Definition: Entity providing the information required for a risk assessment.

Entity <Ntty> contains the following **RiskAssessmentDataEntityProvider1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1932
	OtherType <OthrTp>	[0..1]	Text		1932

47.1.24.1.1.1 Type <Tp>

Presence: [0..1]

Definition: Type of entity providing data for risk assessment.

Datatype: "PartyType28Code" on page 2174

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
WLPR	WalletProvider	Provider of an electronic wallet
ISUR	Issuer	Issuer is the entitled party.

47.1.24.1.1.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of entity providing risk assessment data.

Datatype: "Max35Text" on page 2207

47.1.24.1.2 Type <Tp>*Presence:* [1..1]*Definition:* Identifies the type of risk assessment associated with the input data in the message.*Datatype:* "Max35Text" on page 2207**47.1.24.1.3 Value <Val>***Presence:* [1..1]*Definition:* Value of input data for risk assessment.*Datatype:* "Max10KText" on page 2202**47.1.24.2 RiskContext2***Definition:* Context of the risk associated with the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskInputData <RskInptData>	[0..*]	±		1933
	RiskAssessment <RskAssmnt>	[0..*]	±		1933

47.1.24.2.1 RiskInputData <RskInptData>*Presence:* [0..*]*Definition:* Input data to be considered in a risk assessment.**RiskInputData <RskInptData>** contains the following elements (see "RiskInputData1" on page 1931 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Entity <Ntty>	[0..1]			1932
	Type <Tp>	[0..1]	CodeSet		1932
	OtherType <OthrTp>	[0..1]	Text		1932
	Type <Tp>	[1..1]	Text		1933
	Value <Val>	[1..1]	Text		1933

47.1.24.2.2 RiskAssessment <RskAssmnt>*Presence:* [0..*]*Definition:* Indicates to the card issuer the level of risk associated with the transaction.

RiskAssessment <RskAssmnt> contains the following elements (see "RiskAssessment2" on page 1934 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskAssessmentEntity <RskAssmntNtty>	[0..1]			1935
	Identification <Id>	[0..1]	Text		1936
	Type <Tp>	[0..1]	CodeSet		1936
	OtherType <OthrTp>	[0..1]	Text		1936
	Assigner <Assgnr>	[0..1]	CodeSet		1936
	Country <Ctry>	[0..1]	CodeSet		1937
	ShortName <ShrtNm>	[0..1]	Text		1937
	RiskAssessmentType <RskAssmntTp>	[0..1]	Text		1937
	HighRiskTransaction <HghRskTx>	[0..1]	Indicator		1937
	Reason <Rsn>	[0..*]	Text		1937
	Result <Rslt>	[0..1]	Text		1937
	RiskCondition <RskCond>	[0..*]			1937
	Type <Tp>	[0..1]	Text		1938
	Value <Val>	[0..1]	Text		1938
	AdditionalRiskData <AddtlRskData>	[0..*]			1938
	Type <Tp>	[1..1]	Text		1938
	Value <Val>	[1..1]	Text		1938
	RecommendedAction <RcmmnddActn>	[0..*]	CodeSet		1938
	OtherRecommendedAction <OthrRcmmnddActn>	[0..1]	Text		1939
	RecommendedActionDetails <RcmmnddActnDtls>	[0..1]	Text		1939

47.1.24.3 RiskAssessment2

Definition: Indicates to the card issuer the level of risk associated with the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RiskAssessmentEntity <RskAssmntNtty>	[0..1]			1935
	Identification <Id>	[0..1]	Text		1936
	Type <Tp>	[0..1]	CodeSet		1936
	OtherType <OthrTp>	[0..1]	Text		1936
	Assigner <Assgnr>	[0..1]	CodeSet		1936
	Country <Ctry>	[0..1]	CodeSet		1937
	ShortName <ShrtNm>	[0..1]	Text		1937
	RiskAssessmentType <RskAssmntTp>	[0..1]	Text		1937
	HighRiskTransaction <HghRskTx>	[0..1]	Indicator		1937
	Reason <Rsn>	[0..*]	Text		1937
	Result <Rslt>	[0..1]	Text		1937
	RiskCondition <RskCond>	[0..*]			1937
	Type <Tp>	[0..1]	Text		1938
	Value <Val>	[0..1]	Text		1938
	AdditionalRiskData <AddtlRskData>	[0..*]			1938
	Type <Tp>	[1..1]	Text		1938
	Value <Val>	[1..1]	Text		1938
	RecommendedAction <RcmmnddActn>	[0..*]	CodeSet		1938
	OtherRecommendedAction <OthrRcmmnddActn>	[0..1]	Text		1939
	RecommendedActionDetails <RcmmnddActnDtls>	[0..1]	Text		1939

47.1.24.3.1 RiskAssessmentEntity <RskAssmntNtty>

Presence: [0..1]

Definition: Entity providing an intermediate result of a risk assessment process.

RiskAssessmentEntity <RskAssmntNtty> contains the following **PartyIdentification200** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1936
	Type <Tp>	[0..1]	CodeSet		1936
	OtherType <OthrTp>	[0..1]	Text		1936
	Assigner <Assgnr>	[0..1]	CodeSet		1936
	Country <Ctry>	[0..1]	CodeSet		1937
	ShortName <ShrtNm>	[0..1]	Text		1937

47.1.24.3.1.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the party.

Datatype: "Max35Text" on page 2207

47.1.24.3.1.2 Type <Tp>

Presence: [0..1]

Definition: Type of entity.

Datatype: "PartyType28Code" on page 2174

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
WLPR	WalletProvider	Provider of an electronic wallet
ISUR	Issuer	Issuer is the entitled party.

47.1.24.3.1.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other party type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.24.3.1.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning an identification to a party.

Datatype: "PartyType18Code" on page 2170

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.

CodeName	Name	Definition
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.1.24.3.1.5 Country <Ctry>

Presence: [0..1]

Definition: Country of the party.

Datatype: "ISO3NumericCountryCode" on page 2156

47.1.24.3.1.6 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party.

Datatype: "Max35Text" on page 2207

47.1.24.3.2 RiskAssessmentType <RskAssmntTp>

Presence: [0..1]

Definition: Type of risk assessment.

Datatype: "Max35Text" on page 2207

47.1.24.3.3 HighRiskTransaction <HghRskTx>

Presence: [0..1]

Definition: Transaction is identified as high risk.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.24.3.4 Reason <Rsn>

Presence: [0..*]

Definition: Reason for indicating a certain level of risk for the transaction.

Datatype: "Max35Text" on page 2207

47.1.24.3.5 Result <Rslt>

Presence: [0..1]

Definition: Risk assessment result.

Datatype: "Max35Text" on page 2207

47.1.24.3.6 RiskCondition <RskCond>

Presence: [0..*]

Definition: Conditions noted for the risk assessment.

RiskCondition <RskCond> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1938
	Value <Val>	[0..1]	Text		1938

47.1.24.3.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.24.3.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.24.3.7 AdditionalRiskData <AddtlRskData>

Presence: [0..*]

Definition: Additional risk data associated with the transaction.

AdditionalRiskData <AddtlRskData> contains the following **AdditionalRiskData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1938
	Value <Val>	[1..1]	Text		1938

47.1.24.3.7.1 Type <Tp>

Presence: [1..1]

Definition: Identification of the additional risk data type related to the transaction.

Datatype: "Max35Text" on page 2207

47.1.24.3.7.2 Value <Val>

Presence: [1..1]

Definition: Data value of the additional risk data associated with the transaction.

Datatype: "Max10KText" on page 2202

47.1.24.3.8 RecommendedAction <RcmnddActn>

Presence: [0..*]

Definition: Recommended action based on risk assessment.

Datatype: "ActionType8Code" on page 2113

CodeName	Name	Definition
APPV	Approve	Approve the transaction.
BLCK	BlockCard	Block the card.
CPTR	CaptureCard	Capture the card.
DCLN	Decline	Decline the transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
NDCL	NoReasonForDecline	No reason for declining the transaction.
RFRL	Referral	Referral has to be performed.
OTHN	OtherNational	Other action defined at national level.
OTHP	OtherPrivate	Other action defined at private level
STUA	StepUpAuthentication	Further authentication required (e.g. one-time password)

47.1.24.3.9 OtherRecommendedAction <OthrRcmmnddActn>

Presence: [0..1]

Definition: Other recommended action based on risk assessment defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.24.3.10 RecommendedActionDetails <RcmmnddActnDtls>

Presence: [0..1]

Definition: Additional details of recommended action or other recommended action.

Datatype: "Max256Text" on page 2206

47.1.25 Secure Element

47.1.25.1 CryptographicKey13

Definition: Cryptographic Key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1940
	AdditionalIdentification <AddtlId>	[0..1]	Binary		1940
	Version <Vrsn>	[1..1]	Text		1940
	Type <Tp>	[0..1]	CodeSet		1940
	Function <Fctn>	[0..*]	CodeSet		1941
	ActivationDate <ActvtnDt>	[0..1]	DateTime		1942
	DeactivationDate <DeactvtnDt>	[0..1]	DateTime		1942
	KeyValue <KeyVal>	[0..1]	±		1942
	KeyCheckValue <KeyChckVal>	[0..1]	Binary		1942
	AdditionalManagementInformation <AddtlMgmtInf>	[0..*]			1942
	Name <Nm>	[1..1]	Text		1943
	Value <Val>	[0..1]	Text		1943

47.1.25.1.1 Identification <Id>*Presence:* [1..1]*Definition:* Name of the cryptographic key.*Datatype:* "Max140Text" on page 2203**47.1.25.1.2 AdditionalIdentification <AddtlId>***Presence:* [0..1]*Definition:* Additional identification of the key.

Usage

For derived unique key per transaction (DUKPT) keys, the key serial number (KSN) with the 21 bits of the transaction counter set to zero.

Datatype: "Max35Binary" on page 2111**47.1.25.1.3 Version <Vrsn>***Presence:* [1..1]*Definition:* Version of the cryptographic key.*Datatype:* "Max256Text" on page 2206**47.1.25.1.4 Type <Tp>***Presence:* [0..1]*Definition:* Type of algorithm used by the cryptographic key.*Datatype:* "CryptographicKeyType3Code" on page 2142

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).

47.1.25.1.5 Function <Fctn>

Presence: [0..*]

Definition: Allowed usage of the key.

Datatype: "KeyUsage1Code" on page 2158

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).

CodeName	Name	Definition
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.

47.1.25.1.6 ActivationDate <ActvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be activated.

Datatype: "ISODatetime" on page 2196

47.1.25.1.7 DeactivationDate <DeactvtnDt>

Presence: [0..1]

Definition: Date and time on which the key must be deactivated.

Datatype: "ISODatetime" on page 2196

47.1.25.1.8 KeyVal <KeyVal>

Presence: [0..1]

Definition: Encrypted cryptographic key.

KeyVal <KeyVal> contains the following elements (see "ContentInformationType19" on page 1980 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1980
	EnvelopedData <EnvlpdData>	[0..1]	±		1981
	AuthenticatedData <AuthntcdData>	[0..1]	±		1981
	SignedData <SgndData>	[0..1]	±		1982
	DigestedData <DgstdData>	[0..1]	±		1982

47.1.25.1.9 KeyCheckValue <KeyChckVal>

Presence: [0..1]

Definition: Value for checking a cryptographic key security parameter.

Datatype: "Max35Binary" on page 2111

47.1.25.1.10 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		1943
	Value <Val>	[0..1]	Text		1943

47.1.25.1.10.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "Max70Text" on page 2209

47.1.25.1.10.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "Max140Text" on page 2203

47.1.25.2 Recipient6Choice

Definition: Transport key or key encryption key (KEK) for the recipient.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1944
	Version <Vrsn>	[0..1]	Quantity		1945
	RecipientIdentification <RcptId>	[1..1]			1945
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1945
	Issuer <Issr>	[1..1]			1946
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1946
	AttributeType <AttrTp>	[1..1]	CodeSet		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947
	SerialNumber <SrlNb>	[1..1]	Binary		1947
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1947
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1947
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1948
Or	KEK <KEK>	[1..1]			1948
	Version <Vrsn>	[0..1]	Quantity		1948
	KEKIdentification <KEKId>	[1..1]	±		1948
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1949
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1949
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1949

47.1.25.2.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1945
	RecipientIdentification <Rcptld>	[1..1]			1945
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1945
	Issuer <Issr>	[1..1]			1946
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1946
	AttributeType <AttrTp>	[1..1]	CodeSet		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947
	SerialNumber <SrlNb>	[1..1]	Binary		1947
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1947
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1947
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1948

47.1.25.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.25.2.1.2 RecipientIdentification <Rcptld>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <Rcptld> contains one of the following **Recipient5Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1945
	Issuer <Issr>	[1..1]			1946
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1946
	AttributeType <AttrTp>	[1..1]	CodeSet		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947
	SerialNumber <SrlNb>	[1..1]	Binary		1947
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1947

47.1.25.2.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrlNb> contains the following **IssuerAndSerialNumber1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1946
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1946
	AttributeType <AttrTp>	[1..1]	CodeSet		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947
	SerialNumber <SrlNb>	[1..1]	Binary		1947

47.1.25.2.1.2.1.1 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..*]			1946
	AttributeType <AttrTp>	[1..1]	CodeSet		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947

47.1.25.2.1.2.1.1.1 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		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947

47.1.25.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2130

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).

47.1.25.2.1.2.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2203

47.1.25.2.1.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max35Binary" on page 2111

47.1.25.2.1.2.2 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "KEKIdentifier2" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1343
	KeyVersion <KeyVrsn>	[1..1]	Text		1343
	SequenceNumber <SeqNb>	[0..1]	Quantity		1343
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1343

47.1.25.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification19" on page 1964 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1965
	Parameter <Param>	[0..1]			1965
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1965
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1966
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1966

47.1.25.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2111

47.1.25.2.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1948
	KEKIdentification <KEKId>	[1..1]	±		1948
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1949
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1949

47.1.25.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.25.2.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following elements (see "[KEKIdentifier2](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1343
	KeyVersion <KeyVrsn>	[1..1]	Text		1343
	SequenceNumber <SeqNb>	[0..1]	Quantity		1343
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1343

47.1.25.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "[AlgorithmIdentification23](#)" on page 1953 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1953
	Parameter <Param>	[0..1]			1955
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1955
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1955
	BytePadding <BPddg>	[0..1]	CodeSet		1956

47.1.25.2.2.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "[Max500Binary](#)" on page 2111

47.1.25.2.3 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 "[KEKIdentifier2](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1343
	KeyVersion <KeyVrsn>	[1..1]	Text		1343
	SequenceNumber <SeqNb>	[0..1]	Quantity		1343
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1343

47.1.25.3 AlgorithmIdentification24

Definition: Cryptographic algorithm and parameters for encryptions with a symmetric cryptographic key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1950
	Parameter <Param>	[0..1]			1952
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1952
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1952
	BytePadding <BPddg>	[0..1]	CodeSet		1952

47.1.25.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the encryption algorithm.

Datatype: "Algorithm18Code" on page 2125

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).
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).
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).

CodeName	Name	Definition
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing 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.

CodeName	Name	Definition
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).

47.1.25.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated with the CBC (Chain Block Chaining) encryption algorithm.

Parameter <Param> contains the following **Parameter12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1952
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1952
	BytePadding <BPddg>	[0..1]	CodeSet		1952

47.1.25.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2145

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.

47.1.25.3.2.2 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2111

47.1.25.3.2.3 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 2134

CodeName	Name	Definition
LNGT	LengthPadding	Message to encrypt is completed by a byte value containing the total number of added bytes.

CodeName	Name	Definition
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.

47.1.25.4 AlgorithmIdentification23

Definition: Cryptographic algorithm and parameters for the protection of the transported key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1953
	Parameter <Param>	[0..1]			1955
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1955
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		1955
	BytePadding <BPddg>	[0..1]	CodeSet		1956

47.1.25.4.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm18Code" on page 2125

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).

CodeName	Name	Definition
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).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA5C	AES256CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
DA12	AESDUKPT128ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A, With key length of 128 bits.
DA19	AESDUKPT192ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 192 bits.
DA25	AESDUKPT256ECB	AES DUKPT (Derived Unique Key Per Transaction) ECB algorithm, as specified in ANSI X9.24-3-2017 Annex A. With key length of 256 bits.
N108	Nist800-108KeyDerivation	Key Derivation according to the Special Publication from the NIST entitled 800-108.
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA9R	AES192CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EA2R	AES128CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).

CodeName	Name	Definition
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).

47.1.25.4.2 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		1955
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1955
	BytePadding <BPddg>	[0..1]	CodeSet		1956

47.1.25.4.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2145

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.

47.1.25.4.2.2 InitialisationVector <InitlstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2111

47.1.25.4.2.3 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 2134

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.

47.1.25.5 AlgorithmIdentification22

Definition: Identification of a cryptographic algorithm and parameters for the MAC computation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1956
	Parameter <Param>	[0..1]			1959
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1959
	BytePadding <BPddg>	[0..1]	CodeSet		1959

47.1.25.5.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the MAC algorithm.

Datatype: "Algorithm17Code" on page 2122

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

CodeName	Name	Definition
		National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
CMA5	SHA512CMACwithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits 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).

CodeName	Name	Definition
		The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and 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).

47.1.25.5.2 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 <InitlStnVctr>	[0..1]	Binary		1959
	BytePadding <BPddg>	[0..1]	CodeSet		1959

47.1.25.5.2.1 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2111

47.1.25.5.2.2 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 2134

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.

47.1.25.6 AlgorithmIdentification21

Definition: Cryptographic algorithm and parameters of digests.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1959

47.1.25.6.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 2122

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).

47.1.25.7 AlgorithmIdentification20

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		1961
	Parameter <Param>	[0..1]			1962
	DigestAlgorithm <DgstAlgo>	[1..1]	CodeSet		1962
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[1..1]			1963
	Algorithm <Algo>	[1..1]	CodeSet		1963
	Parameter <Param>	[0..1]			1964
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1964
	SaltLength <SaltLngth>	[1..1]	Quantity		1964
	TrailerField <TrlrFld>	[0..1]	Quantity		1964

47.1.25.7.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm19Code" on page 2127

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).
ECC5	EllipticCryptographicCurveFifthAlgoritihm	Fifth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC1	EllipticCryptographicCurveFirstAlgorithm	First Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC4	EllipticCryptographicCurveFourthAlgorithm	Fourth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC2	EllipticCryptographicCurveSecondAlgorithm	Second Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC3	EllipticCryptographicCurveThirdAlgorithm	Third Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).

CodeName	Name	Definition
ECP2	SignatureWithEllipticCurveP-256	Elliptic Curve Signature with the Curve P-256 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP3	SignatureWithEllipticCurveP-384	Elliptic Curve Signature with the Curve P-384 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP5	SignatureWithEllipticCurveP-512	Elliptic Curve Signature with the Curve P-512 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).

47.1.25.7.2 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 **Parameter11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[1..1]	CodeSet		1962
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[1..1]			1963
	Algorithm <Algo>	[1..1]	CodeSet		1963
	Parameter <Param>	[0..1]			1964
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1964
	SaltLength <SaltLngth>	[1..1]	Quantity		1964
	TrailerField <TrlrFld>	[0..1]	Quantity		1964

47.1.25.7.2.1 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm16Code" on page 2122

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).

47.1.25.7.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following **AlgorithmIdentification12** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1963
	Parameter <Param>	[0..1]			1964
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1964

47.1.25.7.2.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 2130

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).

47.1.25.7.2.2.2 Parameter <Param>*Presence:* [0..1]*Definition:* Parameters associated to the mask generator function cryptographic algorithm.**Parameter <Param>** contains the following **Parameter5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1964

47.1.25.7.2.2.2.1 DigestAlgorithm <DgstAlgo>*Presence:* [0..1]*Definition:* Digest algorithm used in the mask generator function.*Datatype:* "Algorithm11Code" on page 2121

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).

47.1.25.7.2.3 SaltLength <SaltLngth>*Presence:* [1..1]*Definition:* Length of the salt to include in the signature.*Datatype:* "Number" on page 2198**47.1.25.7.2.4 TrailerField <TrlrFld>***Presence:* [0..1]*Definition:* Trailer field number.*Datatype:* "Number" on page 2198**47.1.25.8 AlgorithmIdentification19***Definition:* Cryptographic algorithms and parameters for the protection of transported keys by an asymmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1965
	Parameter <Param>	[0..1]			1965
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1965
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1966
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1966

47.1.25.8.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 2129

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSOA	RSAAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

47.1.25.8.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the encryption algorithm.

Parameter <Param> contains the following **Parameter10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1965
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1966
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1966

47.1.25.8.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat2Code" on page 2145

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.

47.1.25.8.2.2 DigestAlgorithm <DgstAlgo>*Presence:* [0..1]*Definition:* Identification of the digest algorithm.*Datatype:* "Algorithm16Code" on page 2122

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).

47.1.25.8.2.3 MaskGeneratorAlgorithm <MskGnrtrAlgo>*Presence:* [0..1]*Definition:* Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following elements (see "AlgorithmIdentification18" on page 1967 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1967
	Parameter <Param>	[0..1]			1967
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1967

47.1.25.9 AlgorithmIdentification18

Definition: Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1967
	Parameter <Param>	[0..1]			1967
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1967

47.1.25.9.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 2130

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).

47.1.25.9.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the mask generator function cryptographic algorithm.

Parameter <Param> contains the following **Parameter9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1967

47.1.25.9.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Digest algorithm used in the mask generator function.

Datatype: "Algorithm16Code" on page 2122

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

CodeName	Name	Definition
		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).

47.1.25.10 AuthenticatedData5

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		1968
	Recipient <Rcpt>	[1..*]	±		1968
	MACAlgorithm <MACAlgo>	[1..1]	±		1969
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1970
	MAC <MAC>	[1..1]	Binary		1970

47.1.25.10.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.25.10.2 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or protection key identification used by the recipient.

Recipient <Rcpt> contains one of the following elements (see "Recipient6Choice" on page 1943 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1944
	Version <Vrsn>	[0..1]	Quantity		1945
	RecipientIdentification <RcptId>	[1..1]			1945
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1945
	Issuer <Issr>	[1..1]			1946
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1946
	AttributeType <AttrTp>	[1..1]	CodeSet		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947
	SerialNumber <SrlNb>	[1..1]	Binary		1947
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1947
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1947
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1948
Or	KEK <KEK>	[1..1]			1948
	Version <Vrsn>	[0..1]	Quantity		1948
	KEKIdentification <KEKId>	[1..1]	±		1948
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1949
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1949
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1949

47.1.25.10.3 MACAlgorithm <MACAlgo>

Presence: [1..1]

Definition: Algorithm to compute message authentication code (MAC).

MACAlgorithm <MACAlgo> contains the following elements (see "AlgorithmIdentification22" on page 1956 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1956
	Parameter <Param>	[0..1]			1959
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1959
	BytePadding <BPddg>	[0..1]	CodeSet		1959

47.1.25.10.4 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data to authenticate.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "[EncapsulatedContent3](#)" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1773
	Content <Cntt>	[0..1]	Binary		1774

47.1.25.10.5 MAC <MAC>

Presence: [1..1]

Definition: Message authentication code value.

Datatype: "[Max140Binary](#)" on page 2110

47.1.25.11 EnvelopedData5

Definition: Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1970
	OriginatorInformation <OrgtrlInf>	[0..1]			1970
	Certificate <Cert>	[0..*]	Binary		1971
	Recipient <Rcpt>	[1..*]	±		1971
	EncryptedContent <NcrptdCntt>	[0..1]			1972
	ContentType <CnttTp>	[1..1]	CodeSet		1972
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1972
	EncryptedData <NcrptdData>	[1..1]	Binary		1973

47.1.25.11.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "[Number](#)" on page 2198

47.1.25.11.2 OriginatorInformation <OrgtrlInf>

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		1971

47.1.25.11.2.1 Certificate <Cert>

Presence: [0..*]

Definition: It may contain originator certificates associated with several different key management algorithms.

Datatype: "Max5000Binary" on page 2111

47.1.25.11.3 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or identification of the protection key used by the recipient.

Recipient <Rcpt> contains one of the following elements (see "Recipient6Choice" on page 1943 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1944
	Version <Vrsn>	[0..1]	Quantity		1945
	RecipientIdentification <RcptId>	[1..1]			1945
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1945
	Issuer <Issr>	[1..1]			1946
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1946
	AttributeType <AttrTp>	[1..1]	CodeSet		1946
	AttributeValue <AttrVal>	[1..1]	Text		1947
	SerialNumber <SrlNb>	[1..1]	Binary		1947
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1947
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1947
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1948
Or	KEK <KEK>	[1..1]			1948
	Version <Vrsn>	[0..1]	Quantity		1948
	KEKIdentification <KEKId>	[1..1]	±		1948
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1949
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1949
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1949

47.1.25.11.4 EncryptedContent <NcrptdCntt>*Presence:* [0..1]*Definition:* Data protection by encryption (digital envelope), with an encryption key.**EncryptedContent <NcrptdCntt>** contains the following **EncryptedContent4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1972
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1972
	EncryptedData <NcrptdData>	[1..1]	Binary		1973

47.1.25.11.4.1 ContentType <CnttTp>*Presence:* [1..1]*Definition:* Type of data which have been encrypted.*Datatype:* "ContentType2Code" on page 2141

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).

47.1.25.11.4.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>*Presence:* [0..1]*Definition:* Algorithm used to encrypt the data.**ContentEncryptionAlgorithm <CnttNcrptnAlgo>** contains the following elements (see "AlgorithmIdentification24" on page 1950 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1950
	Parameter <Param>	[0..1]			1952
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1952
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1952
	BytePadding <BPddg>	[0..1]	CodeSet		1952

47.1.25.11.4.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data, result of the content encryption.

Datatype: "Max100KBinary" on page 2110

47.1.25.12 SignedData5

Definition: Digital signatures of data from one or several signers.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1973
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1974
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1974
	Certificate <Cert>	[0..*]	Binary		1974
	Signer <Sgnr>	[0..*]			1974
	Version <Vrsn>	[0..1]	Quantity		1975
	SignerIdentification <SgnrId>	[0..1]			1975
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1976
	Issuer <Issr>	[1..1]			1976
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1976
	AttributeType <AttrTp>	[1..1]	CodeSet		1977
	AttributeValue <AttrVal>	[1..1]	Text		1977
	SerialNumber <SrlNb>	[1..1]	Binary		1977
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1977
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1978
	SignedAttributes <SgndAttrbts>	[0..*]			1978
	Name <Nm>	[1..1]	Text		1978
	Value <Val>	[0..1]	Text		1978
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1978
	Signature <Sgntr>	[1..1]	Binary		1979

47.1.25.12.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.25.12.2 DigestAlgorithm <DgstAlgo>*Presence:* [0..*]*Definition:* Identification of digest algorithm applied before signature.**DigestAlgorithm <DgstAlgo>** contains the following elements (see "[AlgorithmIdentification21](#)" on page 1959 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1959

47.1.25.12.3 EncapsulatedContent <NcpsltdCntt>*Presence:* [0..1]*Definition:* Data to sign.**EncapsulatedContent <NcpsltdCntt>** contains the following elements (see "[EncapsulatedContent3](#)" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1773
	Content <Cntt>	[0..1]	Binary		1774

47.1.25.12.4 Certificate <Cert>*Presence:* [0..*]*Definition:* Chain of X.509 certificates.*Datatype:* "[Max5000Binary](#)" on page 2111**47.1.25.12.5 Signer <Sgnr>***Presence:* [0..*]*Definition:* Digital signature and identification of a signer.

Signer <Sgnr> contains the following **Signer4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1975
	SignerIdentification <SgnrId>	[0..1]			1975
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1976
	Issuer <Issr>	[1..1]			1976
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1976
	AttributeType <AttrTp>	[1..1]	CodeSet		1977
	AttributeValue <AttrVal>	[1..1]	Text		1977
	SerialNumber <SrlNb>	[1..1]	Binary		1977
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1977
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1978
	SignedAttributes <SgndAttrbts>	[0..*]			1978
	Name <Nm>	[1..1]	Text		1978
	Value <Val>	[0..1]	Text		1978
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1978
	Signature <Sgntr>	[1..1]	Binary		1979

47.1.25.12.5.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the Cryptographic Message Syntax (CMS) data structure.

Datatype: "Number" on page 2198

47.1.25.12.5.2 SignerIdentification <SgnrId>

Presence: [0..1]

Definition: Identification of the entity who has signed the data.

SignerIdentification <SgnrId> contains one of the following **Recipient5Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1976
	Issuer <Issr>	[1..1]			1976
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1976
	AttributeType <AttrTp>	[1..1]	CodeSet		1977
	AttributeValue <AttrVal>	[1..1]	Text		1977
	SerialNumber <SrlNb>	[1..1]	Binary		1977
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1977

47.1.25.12.5.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrlNb> contains the following **IssuerAndSerialNumber1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1976
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1976
	AttributeType <AttrTp>	[1..1]	CodeSet		1977
	AttributeValue <AttrVal>	[1..1]	Text		1977
	SerialNumber <SrlNb>	[1..1]	Binary		1977

47.1.25.12.5.2.1.1 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..*]			1976
	AttributeType <AttrTp>	[1..1]	CodeSet		1977
	AttributeValue <AttrVal>	[1..1]	Text		1977

47.1.25.12.5.2.1.1.1 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		1977
	AttributeValue <AttrVal>	[1..1]	Text		1977

47.1.25.12.5.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2130

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).

47.1.25.12.5.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2203

47.1.25.12.5.2.1.2 SerialNumber <SrINb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max35Binary" on page 2111

47.1.25.12.5.2.2 KeyIdentifier <Keyldr>

Presence: [1..1]

Definition: Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "[KEKIdentifier2](#)" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1343
	KeyVersion <KeyVrsn>	[1..1]	Text		1343
	SequenceNumber <SeqNb>	[0..1]	Quantity		1343
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1343

47.1.25.12.5.3 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of a digest algorithm to apply before signature.

DigestAlgorithm <DgstAlgo> contains the following elements (see "[AlgorithmIdentification21](#)" on page 1959 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1959

47.1.25.12.5.4 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		1978
	Value <Val>	[0..1]	Text		1978

47.1.25.12.5.4.1 Name <Nm>

Presence: [1..1]

Definition: Name of the generic information to exchange.

Datatype: "[Max70Text](#)" on page 2209

47.1.25.12.5.4.2 Value <Val>

Presence: [0..1]

Definition: Value of the generic information to exchange.

Datatype: "[Max140Text](#)" on page 2203

47.1.25.12.5.5 SignatureAlgorithm <SgntrAlgo>

Presence: [1..1]

Definition: Cryptographic digital signature algorithm.

SignatureAlgorithm <SgntrAlgo> contains the following elements (see "AlgorithmIdentification20" on page 1960 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1961
	Parameter <Param>	[0..1]			1962
	DigestAlgorithm <DgstAlgo>	[1..1]	CodeSet		1962
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[1..1]			1963
	Algorithm <Algo>	[1..1]	CodeSet		1963
	Parameter <Param>	[0..1]			1964
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1964
	SaltLength <SaltLngth>	[1..1]	Quantity		1964
	TrailerField <TrlrFld>	[0..1]	Quantity		1964

47.1.25.12.5.6 Signature <Sgntr>

Presence: [1..1]

Definition: Digital signature.

Datatype: "Max3000Binary" on page 2111

47.1.25.13 DigestedData5

Definition: Digest computed on the identified data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1979
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1979
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1980
	Digest <Dgst>	[1..1]	Binary		1980

47.1.25.13.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.25.13.2 DigestAlgorithm <DgstAlgo>

Presence: [1..1]

Definition: Identification of the digest algorithm.

DigestAlgorithm <DgstAlgo> contains the following elements (see "AlgorithmIdentification21" on page 1959 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1959

47.1.25.13.3 EncapsulatedContent <NcpsltdCntt>

Presence: [1..1]

Definition: Data on which the digest is computed.

EncapsulatedContent <NcpsltdCntt> contains the following elements (see "EncapsulatedContent3" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1773
	Content <Cntt>	[0..1]	Binary		1774

47.1.25.13.4 Digest <Dgst>

Presence: [1..1]

Definition: Result of data-digesting process.

Datatype: "Max140Binary" on page 2110

47.1.25.14 ContentInformationType19

Definition: General cryptographic message syntax (CMS) containing protected data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1980
	EnvelopedData <EnvlpdData>	[0..1]	±		1981
	AuthenticatedData <AuthntcdData>	[0..1]	±		1981
	SignedData <SgndData>	[0..1]	±		1982
	DigestedData <DgstdData>	[0..1]	±		1982

47.1.25.14.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType2Code" on page 2141

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).

CodeName	Name	Definition
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).

47.1.25.14.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Data protection by encryption, with a session key.

EnvelopedData <EnvlpdData> contains the following elements (see "[EnvelopedData5](#)" on page 1970 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1970
	OriginatorInformation <OrgtrlInf>	[0..1]			1970
	Certificate <Cert>	[0..*]	Binary		1971
	Recipient <Rcpt>	[1..*]	±		1971
	EncryptedContent <NcrptdCntt>	[0..1]			1972
	ContentType <CnttTp>	[1..1]	CodeSet		1972
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[0..1]	±		1972
	EncryptedData <NcrptdData>	[1..1]	Binary		1973

47.1.25.14.3 AuthenticatedData <AuthntcdData>

Presence: [0..1]

Definition: Data protection by a message authentication code (MAC).

AuthenticatedData <AuthntcdData> contains the following elements (see "[AuthenticatedData5](#)" on page 1968 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1968
	Recipient <Rcpt>	[1..*]	±		1968
	MACAlgorithm <MACAlgo>	[1..1]	±		1969
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1970
	MAC <MAC>	[1..1]	Binary		1970

47.1.25.14.4 SignedData <SgndData>

Presence: [0..1]

Definition: Data protected by a digital signatures.

SignedData <SgndData> contains the following elements (see "SignedData5" on page 1973 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1973
	DigestAlgorithm <DgstAlgo>	[0..*]	±		1974
	EncapsulatedContent <NcpsltdCntt>	[0..1]	±		1974
	Certificate <Cert>	[0..*]	Binary		1974
	Signer <Sgnr>	[0..*]			1974
	Version <Vrsn>	[0..1]	Quantity		1975
	SignerIdentification <SgnrId>	[0..1]			1975
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1976
	Issuer <Issr>	[1..1]			1976
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1976
	AttributeType <AttrTp>	[1..1]	CodeSet		1977
	AttributeValue <AttrVal>	[1..1]	Text		1977
	SerialNumber <SrlNb>	[1..1]	Binary		1977
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1977
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1978
	SignedAttributes <SgndAttrbts>	[0..*]			1978
	Name <Nm>	[1..1]	Text		1978
	Value <Val>	[0..1]	Text		1978
	SignatureAlgorithm <SgntrAlgo>	[1..1]	±		1978
	Signature <Sgntr>	[1..1]	Binary		1979

47.1.25.14.5 DigestedData <DgstdData>

Presence: [0..1]

Definition: Data protected by a digest.

DigestedData <DgstdData> contains the following elements (see "DigestedData5" on page 1979 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1979
	DigestAlgorithm <DgstAlgo>	[1..1]	±		1979
	EncapsulatedContent <NcpsltdCntt>	[1..1]	±		1980
	Digest <Dgst>	[1..1]	Binary		1980

47.1.26 Security

47.1.26.1 ContentInformationType20

Definition: General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]			1983
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngh>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlstrVctr>	[0..1]	Text		1985
	MAC <MAC>	[1..1]	Text		1986

47.1.26.1.1 MACData <MACData>

Presence: [1..1]

Definition: Type of data protection.

ISO 8583:87 bit 53 or 110

ISO 8583:93 bit 53 or 111

ISO 8583:2003 bit 53 or 50

MACData <MACData> contains the following **MACData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[1..1]	Text		1984
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1984
	DerivedInformation <DrvdInf>	[0..1]	Text		1984
	Algorithm <Algo>	[1..1]	Text		1985
	KeyLength <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[0..1]	Text		1985
	KeyIndex <KeyIndx>	[0..1]	Text		1985
	PaddingMethod <PddgMtd>	[0..1]	Text		1985
	InitialisationVector <InitlstrVctr>	[0..1]	Text		1985

47.1.26.1.1.1 Control <Ctrl>

Presence: [1..1]

Definition: Identifies the key management scheme and associated structure of the remainder of the data element.

ISO 13492

Binary, length of 1

Datatype: "Exact1HexBinaryText" on page 2200

47.1.26.1.1.2 KeySetIdentifier <KeySetIdr>

Presence: [1..1]

Definition: key-set identifier is a number that uniquely identifies a group of related keys that are all different but have certain characteristics in common.

ISO 13492

lengths of 6 or 8

Datatype: "Max8NumericText" on page 2210

47.1.26.1.1.3 DerivedInformation <DrvdInf>

Presence: [0..1]

Definition: Random number or counter in order to have a unique key per transaction. for example, UKPT PIN encryption or the transaction counter.

ISO 13492

Binary, lengths of 5, 8, 16 or 32

Datatype: "Max32HexBinaryText" on page 2206

47.1.26.1.1.4 Algorithm <Algo>

Presence: [1..1]

Definition: Selects the encryption algorithm used to encipher the keys contained in the associated key management data element.

ISO 13492

Datatype: "Max2NumericText" on page 2206

47.1.26.1.1.5 KeyLength <KeyLngh>

Presence: [0..1]

Definition: Specifies the length of the keys being transported, not the encrypting key.

ISO 13492

Datatype: "Max4NumericText" on page 2208

47.1.26.1.1.6 KeyProtection <KeyPrctn>

Presence: [0..1]

Definition: Mechanism used to provide key confidentiality and integrity.

ISO 13492

Datatype: "Max2NumericText" on page 2206

47.1.26.1.1.7 KeyIndex <KeyIndx>

Presence: [0..1]

Definition: Identifies a unique key set when multiple keys with the same key set identifier are used. for example, key rotation.

ISO 13492

Length of 2 or 5

Datatype: "Max5NumericText" on page 2209

47.1.26.1.1.8 PaddingMethod <PddgMtd>

Presence: [0..1]

Definition: Identifies the padding method used for MAC.

ISO 13492

Datatype: "Max2NumericText" on page 2206

47.1.26.1.1.9 InitialisationVector <InitltnVctr>

Presence: [0..1]

Definition: Initialisation vector for CBC.

ISO 13492

Binary, lengths of 8, 16 or 32

Datatype: "Max32HexBinaryText" on page 2206

47.1.26.1.2 MAC <MAC>

Presence: [1..1]

Definition: Message Authentication Code data.

Binary, length of 8

ISO 8583 bit 64 or bit 128

Datatype: "Max8HexBinaryText" on page 2210

47.1.26.2 ProtectedData1

Definition: Contains protected data and the attributes used to protect the data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1989
	EnvelopedData <EnvlpdData>	[0..1]			1989
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999
	Algorithm <Algo>	[1..1]	CodeSet		2000

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <OthrlId>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008
	EncryptedData <NcrptdData>	[0..1]			2008
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetldr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010
	KeyLength <KeyLngth>	[0..1]	Text		2010

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyProtection <KeyPrtc>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

47.1.26.2.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType3Code" on page 2141

CodeName	Name	Definition
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
IFSE	ISOFinancialServicesDataEncryption	General data encryption that conforms to the ISO 13492 standard.

47.1.26.2.2 EnvelopedData <EnvlpdData>

Presence: [0..1]

Definition: Consists of an encrypted content of any type and encrypted content-encryption keys for one or more recipients. The combination of the encrypted content and one encrypted content-encryption key for a recipient is a "digital envelope" for that recipient.

EnvelopedData <EnvlpdData> contains the following **EnvelopedData6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1991
	Recipient <Rcpt>	[1..*]			1991
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2001

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <KeyId>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2003
	EncryptedContent <NcrptdCntt>	[0..1]			2003
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <OthrId>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008

47.1.26.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.26.2.2.2 Recipient <Rcpt>

Presence: [1..*]

Definition: Session key or identification of the protection key used by the recipient.

Recipient <Rcpt> contains one of the following **Recipient7Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]			1993
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <RcptId>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002
Or}	KeyIdentifier <Keyldr>	[1..1]			2002
	KeyIdentification <Keyld>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <Derivtnld>	[0..1]	Binary		2003

47.1.26.2.2.2.1 KeyTransport <KeyTrnsprt>

Presence: [1..1]

Definition: Encryption key using previously distributed asymmetric public key.

KeyTransport <KeyTrnsprt> contains the following **KeyTransport6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1993
	RecipientIdentification <Rcptld>	[1..1]			1994
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1995
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1996
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1998

47.1.26.2.2.2.1.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.26.2.2.1.2 RecipientIdentification <RcptId>

Presence: [1..1]

Definition: Identification of a cryptographic asymmetric key for the recipient.

RecipientIdentification <RcptId> contains one of the following **Recipient5Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1994
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1995

47.1.26.2.2.1.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

Presence: [1..1]

Definition: Certificate issuer name and serial number (see ITU X.509).

IssuerAndSerialNumber <IssrAndSrlNb> contains the following **IssuerAndSerialNumber1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]			1994
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995
	SerialNumber <SrlNb>	[1..1]	Binary		1995

47.1.26.2.2.1.2.1.1 Issuer <Issr>

Presence: [1..1]

Definition: Certificate issuer name (see X.509).

Issuer <Issr> contains the following **CertificateIssuer1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]			1995
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995

47.1.26.2.2.1.2.1.1.1 RelativeDistinguishedName <RltvDstngshdNm>

Presence: [1..*]

Definition: Relative distinguished name inside a X.509 certificate.

RelativeDistinguishedName <RltvDstngshdNm> contains the following **RelativeDistinguishedName1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		1995
	AttributeValue <AttrVal>	[1..1]	Text		1995

47.1.26.2.2.1.2.1.1.1.1 AttributeType <AttrTp>

Presence: [1..1]

Definition: Type of attribute of a distinguished name (see X.500).

Datatype: "AttributeType1Code" on page 2130

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).

47.1.26.2.2.1.2.1.1.1.2 AttributeValue <AttrVal>

Presence: [1..1]

Definition: Value of the attribute of a distinguished name (see X.500).

Datatype: "Max140Text" on page 2203

47.1.26.2.2.1.2.1.1.2 SerialNumber <SrInb>

Presence: [1..1]

Definition: Certificate serial number (see X.509).

Datatype: "Max35Binary" on page 2111

47.1.26.2.2.1.2.2 KeyIdentifier <Keyldr>

Presence: [1..1]

Definition: Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

KeyIdentifier <KeyIdr> contains the following elements (see "KEKIdentifier2" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1343
	KeyVersion <KeyVrsn>	[1..1]	Text		1343
	SequenceNumber <SeqNb>	[0..1]	Quantity		1343
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1343

47.1.26.2.2.1.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following **AlgorithmIdentification27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1996
	Parameter <Param>	[0..1]			1996
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998

47.1.26.2.2.1.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Asymmetric encryption algorithm of a transport key.

Datatype: "Algorithm7Code" on page 2129

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSOA	RSAAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

47.1.26.2.2.1.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters of the encryption algorithm.

Parameter <Param> contains the following **Parameter13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1997
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]			1997
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998

47.1.26.2.2.1.3.2.1 DigestAlgorithm <DgstAlgo>

Presence: [0..1]

Definition: Identification of the digest algorithm.

Datatype: "Algorithm20Code" on page 2127

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).

47.1.26.2.2.1.3.2.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

Presence: [0..1]

Definition: Mask generator function cryptographic algorithm and parameters.

MaskGeneratorAlgorithm <MskGnrtrAlgo> contains the following **AlgorithmIdentification26** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1997
	Parameter <Param>	[0..1]	CodeSet		1998

47.1.26.2.2.1.3.2.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Mask generator function cryptographic algorithm.

Datatype: "Algorithm8Code" on page 2130

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).

47.1.26.2.2.1.3.2.2.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the mask generator function cryptographic algorithm

Datatype: "Algorithm5Code" on page 2129

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).

47.1.26.2.2.1.4 EncryptedKey <NcrptdKey>

Presence: [1..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max5000Binary" on page 2111

47.1.26.2.2.2.2 KEK <KEK>

Presence: [1..1]

Definition: Key encryption key using previously distributed symmetric key.

KEK <KEK> contains the following **KEK6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKId>	[1..1]			1999
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]			1999
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001
	EncryptedKey <NcrptdKey>	[0..1]	Binary		2002

47.1.26.2.2.2.2.1 Version <Vrsn>

Presence: [0..1]

Definition: Version of the data structure.

Datatype: "Number" on page 2198

47.1.26.2.2.2.2.2 KEKIdentification <KEKId>

Presence: [1..1]

Definition: Identification of the key encryption key (KEK).

KEKIdentification <KEKId> contains the following **KEKIdentifier6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1999

47.1.26.2.2.2.2.2.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 2203

47.1.26.2.2.2.2.2.2 KeyVersion <KeyVrsn>

Presence: [0..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 2203

47.1.26.2.2.2.2.2.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 2198

47.1.26.2.2.2.2.2.4 DerivationIdentification <DerivtnId>

Presence: [0..1]

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

Datatype: "Min5Max16Binary" on page 2112

47.1.26.2.2.2.2.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following **AlgorithmIdentification28** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2000
	Parameter <Param>	[0..1]			2001
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001

47.1.26.2.2.2.3.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the algorithm.

Datatype: "Algorithm13Code" on page 2121

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).
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).
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).

CodeName	Name	Definition
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).

47.1.26.2.2.2.3.2 Parameter <Param>

Presence: [0..1]

Definition: Parameters associated to the encryption algorithm.

Parameter <Param> contains the following **Parameter14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		2001
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		2001
	BytePadding <BPddg>	[0..1]	CodeSet		2001

47.1.26.2.2.2.3.2.1 EncryptionFormat <NcrptnFrmt>

Presence: [0..1]

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Datatype: "EncryptionFormat3Code" on page 2145

CodeName	Name	Definition
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
CTCE	CTCE	CTC encryption mode.
CBCE	CBC	Cipher Block Chaining mode of encryption

47.1.26.2.2.2.3.2.2 InitialisationVector <InitlstnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2111

47.1.26.2.2.2.3.2.3 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 2134

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.

47.1.26.2.2.2.4 EncryptedKey <NcrptdKey>

Presence: [0..1]

Definition: Encrypted key encryption key (KEK).

Datatype: "Max500Binary" on page 2111

47.1.26.2.2.2.3 KeyIdentifier <KeyIdr>

Presence: [1..1]

Definition: Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

KeyIdentifier <KeyIdr> contains the following **KEKIdentifier6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		2002
	KeyVersion <KeyVrsn>	[0..1]	Text		2002
	SequenceNumber <SeqNb>	[0..1]	Quantity		2003
	DerivationIdentification <DerivtnId>	[0..1]	Binary		2003

47.1.26.2.2.2.3.1 KeyIdentification <KeyId>

Presence: [1..1]

Definition: Identification of the cryptographic key.

Datatype: "Max140Text" on page 2203

47.1.26.2.2.2.3.2 KeyVersion <KeyVrsn>

Presence: [0..1]

Definition: Version of the cryptographic key.

Datatype: "Max140Text" on page 2203

47.1.26.2.2.3.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 2198

47.1.26.2.2.3.4 DerivationIdentification <DerivtnId>

Presence: [0..1]

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

Datatype: "Min5Max16Binary" on page 2112

47.1.26.2.2.3 EncryptedContent <NcrptdCntt>

Presence: [0..1]

Definition: Encrypted data with an encryption key.

EncryptedContent <NcrptdCntt> contains the following **EncryptedContent5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		2003
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]			2004
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2006
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <OthrId>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008

47.1.26.2.2.3.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data which have been encrypted.

Datatype: "ContentType2Code" on page 2141

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).

47.1.26.2.2.3.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

Presence: [1..1]

Definition: Algorithm used to encrypt the data.

ContentEncryptionAlgorithm <CnttNcrptnAlgo> contains the following **AlgorithmIdentification25** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		2004
	Parameter <Param>	[0..1]			2005
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006

47.1.26.2.2.3.2.1 Algorithm <Algo>

Presence: [1..1]

Definition: Identification of the encryption algorithm.

Datatype: "Algorithm23Code" on page 2128

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).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as

CodeName	Name	Definition
		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).
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).
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).
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).
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).

47.1.26.2.2.3.2.2 Parameter <Param>*Presence:* [0..1]*Definition:* Parameters associated with the CBC (Chain Block Chaining) encryption algorithm.

Parameter <Param> contains the following **Parameter7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		2006
	BytePadding <BPddg>	[0..1]	CodeSet		2006

47.1.26.2.2.3.2.2.1 InitialisationVector <InitlStnVctr>

Presence: [0..1]

Definition: Initialisation vector of a cipher block chaining (CBC) mode encryption.

Datatype: "Max500Binary" on page 2111

47.1.26.2.2.3.2.2.2 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 2134

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.

47.1.26.2.2.3.3 EncryptedDataElement <NcrptdDataElmt>

Presence: [1..*]

Definition: Encrypted data, result of the content encryption.

EncryptedDataElement <NcrptdDataElmt> contains the following **EncryptedDataElement1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	CodeSet		2007
	OtherIdentification <OthrlId>	[0..1]	Text		2007
	EncryptedData <NcrptdData>	[1..1]			2007
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2008
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2008

47.1.26.2.2.3.3.1 Identification <Id>

Presence: [0..1]

Definition: Identifies the element that has been encrypted.

These codes have the same value as the tag assignments shown in ISO 13492 for the data encryption dataset. The codes are variable in length and conform to ISO/IEC 8825-1.

Datatype: "ExternalEncryptedElementIdentification1Code" on page 2146

47.1.26.2.2.3.3.2 OtherIdentification <OthrlId>

Presence: [0..1]

Definition: Other identification scheme for identifying the element that has been encrypted.

Datatype: "Max35Text" on page 2207

47.1.26.2.2.3.3.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data element.

EncryptedData <NcrptdData> contains one of the following **EncryptedData1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	BinaryData <BinryData>	[1..1]	Binary		2007
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2007

47.1.26.2.2.3.3.3.1 BinaryData <BinryData>

Presence: [1..1]

Definition: BASE-64 encoded encrypted data.

Datatype: "Max100KBinary" on page 2110

47.1.26.2.2.3.3.3.2 HexadecimalBinaryValue <HexBinryVal>

Presence: [1..1]

Definition: Hexadecimal binary encoded encrypted data.

Datatype: "Max9999HexBinaryText" on page 2210

47.1.26.2.2.3.3.4 ClearTextDataFormat <ClearTxtDataFrmt>

Presence: [0..1]

Definition: Format of the raw data prior to encryption.

Datatype: "EncryptedDataFormat1Code" on page 2144

CodeName	Name	Definition
ASCI	ASCII	ASCII Format.
BINF	Binary	Binary format.
EBCD	EBCDIC	EBCDIC format.
HEXF	HEX	HEX Format.
OTHN	OtherNational	Other format defined at national level.
OTHP	OtherPrivate	Other type of format defined at private level.

47.1.26.2.2.3.3.5 OtherClearTextDataFormat <OthrClearTxtDataFrmt>

Presence: [0..1]

Definition: Other national or private format of the raw data prior to encryption.

Datatype: "Max35Text" on page 2207

47.1.26.2.3 EncryptedData <NcrptdData>

Presence: [0..1]

Definition: Contains encrypted data and the attributes used to encrypt the data using the ISO 13492 methods for data encryption. The encryption key is not included in the message with this method.

EncryptedData <NcrptdData> contains the following **EncryptedData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		2009
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		2009
	DerivedInformation <DrvdInf>	[0..1]	Text		2009
	Algorithm <Algo>	[0..1]	Text		2010
	KeyLength <KeyLngth>	[0..1]	Text		2010
	KeyProtection <KeyPrctn>	[0..1]	Text		2010
	KeyIndex <KeyIndx>	[0..1]	Text		2010
	PaddingMethod <PddgMtd>	[0..1]	Text		2010
	EncryptedDataFormat <NcrptdDataFrmt>	[0..1]	Text		2010
	EncryptedDataElement <NcrptdDataElmt>	[1..*]			2011
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <OthrId>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

47.1.26.2.3.1 Control <Ctrl>

Presence: [0..1]

Definition: Identifies the key management scheme and associated control field format.

See ISO 13492 Control field for values.

Datatype: "Exact1HexBinaryText" on page 2200

47.1.26.2.3.2 KeySetIdentifier <KeySetIdr>

Presence: [0..1]

Definition: Number that uniquely identifies a key or a group of related keys that are all different but have certain characteristics in common.

See ISO 13492 Key-set identifier for usage.

Datatype: "Max8NumericText" on page 2210

47.1.26.2.3.3 DerivedInformation <DrvdInf>

Presence: [0..1]

Definition: Contains Derived Info or Device ID and Transaction Counter.

See ISO 13492 Derived information or Device ID and Transaction Counter for more information.

Datatype: "Max32HexBinaryText" on page 2206

47.1.26.2.3.4 Algorithm <Algo>

Presence: [0..1]

Definition: Defines the algorithm used for encryption.

See ISO 13492 Algorithm field for values.

Datatype: "Max2NumericText" on page 2206

47.1.26.2.3.5 KeyLength <KeyLngth>

Presence: [0..1]

Definition: Specifies the length of the encryption key.

See ISO 13492 Key length field for value to use.

Datatype: "Max4NumericText" on page 2208

47.1.26.2.3.6 KeyProtection <KeyPrctn>

Presence: [0..1]

Definition: Mechanism used to provide key confidentiality and integrity. Identifies encryption attribute used for the data encryption operation.

See ISO 13492 Key protection field for values.

Datatype: "Max2NumericText" on page 2206

47.1.26.2.3.7 KeyIndex <KeyIndx>

Presence: [0..1]

Definition: Identifies a unique key within a key set when multiple keys exist with the same key set identifier.

See ISO 13492 Key index for more information.

Datatype: "Max5NumericText" on page 2209

47.1.26.2.3.8 PaddingMethod <PddgMtd>

Presence: [0..1]

Definition: Identifies the padding method used prior to encipherment of the data.

See ISO 13492 Padding method field for values.

Datatype: "Max2NumericText" on page 2206

47.1.26.2.3.9 EncryptedDataFormat <NcrptdDataFrmt>

Presence: [0..1]

Definition: Identifies the format of the structured data when the encrypted data block contains more than one data element.

See ISO 13492 Encrypted data format field for values.

Datatype: "Max2NumericText" on page 2206

47.1.26.2.3.10 EncryptedDataElement <NcrptdDataElmt>

Presence: [1..*]

Definition: Encrypted data element information.

EncryptedDataElement <NcrptdDataElmt> contains the following **EncryptedDataElement1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	CodeSet		2011
	OtherIdentification <Othrid>	[0..1]	Text		2011
	EncryptedData <NcrptdData>	[1..1]			2011
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012
	ClearTextDataFormat <ClearTxtDataFrmt>	[0..1]	CodeSet		2012
	OtherClearTextDataFormat <OthrClearTxtDataFrmt>	[0..1]	Text		2012

47.1.26.2.3.10.1 Identification <Id>

Presence: [0..1]

Definition: Identifies the element that has been encrypted.

These codes have the same value as the tag assignments shown in ISO 13492 for the data encryption dataset. The codes are variable in length and conform to ISO/IEC 8825-1.

Datatype: "ExternalEncryptedElementIdentification1Code" on page 2146

47.1.26.2.3.10.2 OtherIdentification <Othrid>

Presence: [0..1]

Definition: Other identification scheme for identifying the element that has been encrypted.

Datatype: "Max35Text" on page 2207

47.1.26.2.3.10.3 EncryptedData <NcrptdData>

Presence: [1..1]

Definition: Encrypted data element.

EncryptedData <NcrptdData> contains one of the following **EncryptedData1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	BinaryData <BinryData>	[1..1]	Binary		2011
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2012

47.1.26.2.3.10.3.1 BinaryData <BinryData>

Presence: [1..1]

Definition: BASE-64 encoded encrypted data.

Datatype: "Max100KBinary" on page 2110

47.1.26.2.3.10.3.2 HexadecimalBinaryValue <HexBinryVal>

Presence: [1..1]

Definition: Hexadecimal binary encoded encrypted data.

Datatype: "Max9999HexBinaryText" on page 2210

47.1.26.2.3.10.4 ClearTextDataFormat <ClearTxtDataFrmt>

Presence: [0..1]

Definition: Format of the raw data prior to encryption.

Datatype: "EncryptedDataFormat1Code" on page 2144

CodeName	Name	Definition
ASCI	ASCII	ASCII Format.
BINF	Binary	Binary format.
EBCD	EBCDIC	EBCDIC format.
HEXF	HEX	HEX Format.
OTHN	OtherNational	Other format defined at national level.
OTHP	OtherPrivate	Other type of format defined at private level.

47.1.26.2.3.10.5 OtherClearTextDataFormat <OthrClearTxtDataFrmt>

Presence: [0..1]

Definition: Other national or private format of the raw data prior to encryption.

Datatype: "Max35Text" on page 2207

47.1.27 Settlement Details

47.1.27.1 SettlementService3

Definition: Attributes of a settlement service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceProposed <SttlmSvcPropsd>	[0..1]			2013
	Type <Tp>	[0..1]	Text		2014
	Identification <Id>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2014
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2014
	Type <Tp>	[0..1]	Text		2015
	Identification <Id>	[0..1]	Text		2015
	ShortName <ShrtNm>	[0..1]	Text		2015
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2015
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2015
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2016
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2016
	SettlementDate <SttlmDt>	[0..1]	Date		2016
	SettlementTime <SttlmTm>	[0..1]	Time		2016
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2016
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2016
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2017
	Type <Tp>	[0..1]	Text		2017
	Identification <Id>	[0..1]	Text		2017
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2017
	Type <Tp>	[0..1]	Text		2017
	Value <Val>	[0..1]	Text		2017

47.1.27.1.1 SettlementServiceProposed <SttlmSvcPropsd>

Presence: [0..1]

Definition: Type of settlement service proposed.

SettlementServiceProposed <SttlmSvcPropsd> contains the following **SettlementServiceModel** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2014
	Identification <Id>	[0..1]	Text		2014
	ShortName <ShrtNm>	[0..1]	Text		2014
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2014

47.1.27.1.1.1 Type <Tp>

Presence: [0..1]

Definition: Type of settlement service.

Datatype: "Max35Text" on page 2207

47.1.27.1.1.2 Identification <Id>

Presence: [0..1]

Definition: Identification of settlement service.

Datatype: "Max35Text" on page 2207

47.1.27.1.1.3 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the Settlement Service.

Datatype: "Max35Text" on page 2207

47.1.27.1.1.4 SettlementPriority <SttlmPrty>

Presence: [0..1]

Definition: Priority to process a settlement.

Datatype: "Priority3Code" on page 2179

CodeName	Name	Definition
URGT	Urgent	Priority level is urgent (highest priority possible).
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

47.1.27.1.2 SettlementServiceApplied <SttlmSvcApld>

Presence: [0..1]

Definition: Settlement service actually applied to the transaction.

SettlementServiceApplied <SttlmSvcApId> contains the following **SettlementServiceMode1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2015
	Identification <Id>	[0..1]	Text		2015
	ShortName <ShrtNm>	[0..1]	Text		2015
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2015

47.1.27.1.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of settlement service.

Datatype: "Max35Text" on page 2207

47.1.27.1.2.2 Identification <Id>

Presence: [0..1]

Definition: Identification of settlement service.

Datatype: "Max35Text" on page 2207

47.1.27.1.2.3 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the Settlement Service.

Datatype: "Max35Text" on page 2207

47.1.27.1.2.4 SettlementPriority <SttlmPrty>

Presence: [0..1]

Definition: Priority to process a settlement.

Datatype: "Priority3Code" on page 2179

CodeName	Name	Definition
URGT	Urgent	Priority level is urgent (highest priority possible).
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

47.1.27.1.3 SettlementServiceDates <SttlmSvcDts>

Presence: [0..1]

Definition: Dates related to the settlement service related to the transaction.

SettlementServiceDates <SttlmSvcDts> contains the following **SettlementServiceDate2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2016
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2016
	SettlementDate <SttlmDt>	[0..1]	Date		2016
	SettlementTime <SttlmTm>	[0..1]	Time		2016
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2016
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2016

47.1.27.1.3.1 RequestedSettlementDate <ReqdSttlmDt>

Presence: [0..1]

Definition: Date requested for settlement.

Datatype: "ISODate" on page 2196

47.1.27.1.3.2 DeferredSettlementIndicator <DfrdSttlmInd>

Presence: [0..1]

Definition: Indicate a deferred Settlement date.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.27.1.3.3 SettlementDate <SttlmDt>

Presence: [0..1]

Definition: Actual date of settlement.

Datatype: "ISODate" on page 2196

47.1.27.1.3.4 SettlementTime <SttlmTm>

Presence: [0..1]

Definition: Actual time of settlement.

Datatype: "ISOTime" on page 2211

47.1.27.1.3.5 SettlementPeriod <SttlmPrd>

Presence: [0..1]

Definition: Identifies the settlement period, cycle or group. May contain settlement frequency or the identification of specific settlement period. For example, daily, monthly or settlementperiod123acd.

Datatype: "Max35Text" on page 2207

47.1.27.1.3.6 SettlementCutOffTime <SttlmCutOffTm>

Presence: [0..1]

Definition: Identifies the effective end time of the settlement date and/or period.

Datatype: "ISODateTime" on page 2196

47.1.27.1.4 SettlementReportingEntity <SttlmRptgNtty>

Presence: [0..1]

Definition: Entity in charge of the settlement reporting service.

SettlementReportingEntity <SttlmRptgNtty> contains the following **SettlementReportingEntity1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2017
	Identification <Id>	[0..1]	Text		2017

47.1.27.1.4.1 Type <Tp>

Presence: [0..1]

Definition: Identifies the type of settlement reporting entity

Datatype: "Max35Text" on page 2207

47.1.27.1.4.2 Identification <Id>

Presence: [0..1]

Definition: Identification of the settlement reporting entity.

Datatype: "Max35Text" on page 2207

47.1.27.1.5 AdditionalSettlementInformation <AddtlSttlmInf>

Presence: [0..*]

Definition: Additional Settlement Information.

AdditionalSettlementInformation <AddtlSttlmInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2017
	Value <Val>	[0..1]	Text		2017

47.1.27.1.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.27.1.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.27.2 SettlementService4*Definition:* Attributes of a settlement service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SettlementServiceApplied <SttlmSvcApld>	[0..1]			2018
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019
	SettlementServiceDates <SttlmSvcDts>	[0..1]			2019
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020
	SettlementReportingEntity <SttlmRptgNtty>	[0..1]			2020
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021
	AdditionalSettlementInformation <AddtlSttlmInf>	[0..*]			2021
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

47.1.27.2.1 SettlementServiceApplied <SttlmSvcApld>*Presence:* [0..1]*Definition:* Settlement service actually applied to the transaction.**SettlementServiceApplied <SttlmSvcApld>** contains the following **SettlementServiceMode1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2019
	Identification <Id>	[0..1]	Text		2019
	ShortName <ShrtNm>	[0..1]	Text		2019
	SettlementPriority <SttlmPrty>	[0..1]	CodeSet		2019

47.1.27.2.1.1 Type <Tp>

Presence: [0..1]

Definition: Type of settlement service.

Datatype: "Max35Text" on page 2207

47.1.27.2.1.2 Identification <Id>

Presence: [0..1]

Definition: Identification of settlement service.

Datatype: "Max35Text" on page 2207

47.1.27.2.1.3 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the Settlement Service.

Datatype: "Max35Text" on page 2207

47.1.27.2.1.4 SettlementPriority <SttlmPrty>

Presence: [0..1]

Definition: Priority to process a settlement.

Datatype: "Priority3Code" on page 2179

CodeName	Name	Definition
URGT	Urgent	Priority level is urgent (highest priority possible).
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

47.1.27.2.2 SettlementServiceDates <SttlmSvcDts>

Presence: [0..1]

Definition: Dates related to the settlement service related to the transaction.

SettlementServiceDates <SttlmSvcDts> contains the following **SettlementServiceDate2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedSettlementDate <ReqdSttlmDt>	[0..1]	Date		2019
	DeferredSettlementIndicator <DfrrdSttlmInd>	[0..1]	Indicator		2020
	SettlementDate <SttlmDt>	[0..1]	Date		2020
	SettlementTime <SttlmTm>	[0..1]	Time		2020
	SettlementPeriod <SttlmPrd>	[0..1]	Text		2020
	SettlementCutOffTime <SttlmCutOffTm>	[0..1]	DateTime		2020

47.1.27.2.2.1 RequestedSettlementDate <ReqdSttlmDt>

Presence: [0..1]

Definition: Date requested for settlement.

Datatype: "ISODate" on page 2196

47.1.27.2.2.2 DeferredSettlementIndicator <DfrdSttlmInd>

Presence: [0..1]

Definition: Indicate a deferred Settlement date.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.27.2.2.3 SettlementDate <SttlmDt>

Presence: [0..1]

Definition: Actual date of settlement.

Datatype: "ISODate" on page 2196

47.1.27.2.2.4 SettlementTime <SttlmTm>

Presence: [0..1]

Definition: Actual time of settlement.

Datatype: "ISOTime" on page 2211

47.1.27.2.2.5 SettlementPeriod <SttlmPrd>

Presence: [0..1]

Definition: Identifies the settlement period, cycle or group. May contain settlement frequency or the identification of specific settlement period. For example, daily, monthly or settlementperiod123acd.

Datatype: "Max35Text" on page 2207

47.1.27.2.2.6 SettlementCutOffTime <SttlmCutOffTm>

Presence: [0..1]

Definition: Identifies the effective end time of the settlement date and/or period.

Datatype: "ISODateTime" on page 2196

47.1.27.2.3 SettlementReportingEntity <SttlmRptgNtty>

Presence: [0..1]

Definition: Entity in charge of the settlement reporting service.

SettlementReportingEntity <SttlmRptgNtty> contains the following **SettlementReportingEntity1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2021
	Identification <Id>	[0..1]	Text		2021

47.1.27.2.3.1 Type <Tp>

Presence: [0..1]

Definition: Identifies the type of settlement reporting entity

Datatype: "Max35Text" on page 2207

47.1.27.2.3.2 Identification <Id>

Presence: [0..1]

Definition: Identification of the settlement reporting entity.

Datatype: "Max35Text" on page 2207

47.1.27.2.4 AdditionalSettlementInformation <AddtlSttlmInf>

Presence: [0..*]

Definition: Additional Settlement Information.

AdditionalSettlementInformation <AddtlSttlmInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2021
	Value <Val>	[0..1]	Text		2021

47.1.27.2.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.27.2.4.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28 Status

47.1.28.1 AdditionalAction1

Definition: Additional action to perform.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.1.1 Type <Tp>

Presence: [0..1]

Definition: Type of additional action to perform.

Datatype: "ActionType10Code" on page 2112

CodeName	Name	Definition
ACTV	Activate	Activate device or service.
DEAC	Deactivate	Deactivate device or service.
DISP	DisplayMessage	Message to display, print or log.
FUPD	FileUpdate	Update a data file.
PRNT	PrintMessage	Print a message.
SNDM	SendMessage	Send a message.

47.1.28.1.2 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the additional action to perform.

Datatype: "PartyType21Code" on page 2172

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
CRDH	Cardholder	Holder of a payment card.

CodeName	Name	Definition
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.28.1.3 OtherDestination <OthrDstn>

Presence: [0..1]

Definition: Other destination of action.

Datatype: "Max35Text" on page 2207

47.1.28.1.4 DestinationType <DstnTp>

Presence: [0..1]

Definition: Type of destination of the additional action to perform.

Datatype: "ActionDestination1Code" on page 2112

CodeName	Name	Definition
FILE	File	Data file
MOBL	Mobile	Mobile telephone
OTHN	OtherNational	Other type of destination for action defined at national level.
OTHP	OtherPrivate	Other type of destination for action defined at private level.
PECR	PersonalComputer	Personal computer.
POFS	PointOfSale	Point of sale terminal.

47.1.28.1.5 OtherDestinationType <OthrDstnTp>

Presence: [0..1]

Definition: Other type of destination.

Datatype: "Max35Text" on page 2207

47.1.28.1.6 DestinationAddress <DstnAdr>

Presence: [0..1]

Definition: Physical destination address of the additional action to perform (for example, URL, mobile phone number, IP address, file name, etc.).

Datatype: "Max70Text" on page 2209

47.1.28.1.7 Format <Frmt>

Presence: [0..1]

Definition: Format of the message associated with the additional action to perform.

Datatype: "OutputFormat4Code" on page 2169

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

47.1.28.1.8 OtherFormat <OthrFrmt>

Presence: [0..1]

Definition: Other type of format for action data.

Datatype: "Max35Text" on page 2207

47.1.28.1.9 Content <Cntt>

Presence: [0..1]

Definition: Content of or reference to the message.

Content <Cntt> contains the following **Content1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.1.9.1 Value <Val>

Presence: [1..1]

Definition: Value of the content of or the reference to the message.

Datatype: "Max20KText" on page 2205

47.1.28.1.9.2 Signature <Sgntr>

Presence: [0..1]

Definition: Digital signature of the content of or the reference to the message.

Datatype: "Max140Binary" on page 2110

47.1.28.1.9.3 CertificateIdentification <CertId>

Presence: [0..1]

Definition: Signing certificate identification.

Datatype: "Max70Text" on page 2209

47.1.28.2 ProcessingResult20

Definition: Outcome of the processing of the batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultData <RsltData>	[1..1]	±		2025
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2025

47.1.28.2.1 ResultData <RsltData>

Presence: [1..1]

Definition: Result information related to the processing of the transaction.

ResultData <RsltData> contains the following elements (see "ResultData8" on page 2063 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2064
	OtherResult <OthrRslt>	[0..1]	Text		2064
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2064
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2065
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2065
	Type <Tp>	[0..1]	Text		2065
	Value <Val>	[0..1]	Text		2065

47.1.28.2.2 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnlRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.3 ProcessingResult19

Definition: Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2027
	ResultData <RsltData>	[1..1]			2027
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028
	ErrorDetail <ErrDtl>	[0..*]			2029
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2030
	AdditionalInformation <AddtlInf>	[0..*]	±		2031

47.1.28.3.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: Information about the entity that provides the response.

ResponseSource <RspnSrc> contains the following elements (see "[ApprovalEntity2](#)" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.3.2 ResultData <RsltData>

Presence: [1..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following **ResultData10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2027
	OtherResult <OthrRslt>	[0..1]	Text		2028
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2028
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2028
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2028
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028

47.1.28.3.2.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

Datatype: "[Response8Code](#)" on page 2184

CodeName	Name	Definition
PRCS	Processed	Advice message is processed.
UNPR	NotProcessed	Advice message could not be processed.
UNRV	UnderReview	Service is under review.

CodeName	Name	Definition
REJT	Rejected	Service was rejected.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).
OTHN	OtherNational	Other type of processing result defined at national level.
OTHP	OtherPrivate	Other type of processing result defined at private level.

47.1.28.3.2.2 OtherResult <OthrRslt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.3.2.3 ResultDetails <RsltDtls>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

47.1.28.3.2.4 OtherResultDetails <OthrRsltDtls>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.3.2.5 AdditionalResultInformation <AddtlRsltInf>

Presence: [0..*]

Definition: Additional result information to be conveyed.

AdditionalResultInformation <AddtlRsltInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2028
	Value <Val>	[0..1]	Text		2028

47.1.28.3.2.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.28.3.2.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28.3.3 ErrorDetail <ErrDtl>

Presence: [0..*]

Definition: Error detail information

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2029
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2030
	ErrorCode <ErrCd>	[0..1]	Text		2030
	ErrorDescription <ErrDesc>	[0..1]	Text		2030
	DataElementInError <DataElmtInErr>	[0..*]	Text		2030

47.1.28.3.3.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message

CodeName	Name	Definition
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.3.3.2 OtherMessageErrorType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.3.3.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.3.3.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.3.3.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.3.4 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnlRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.3.5 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "[AdditionalInformation30](#)" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1712
	Target <Trgt>	[0..*]	CodeSet		1712
	Format <Frmt>	[0..1]	CodeSet		1712
	Type <Tp>	[0..1]	Text		1713
	Language <Lang>	[1..1]	CodeSet		1713
	Value <Val>	[1..1]	Text		1713

47.1.28.4 ProcessingResult18

Definition: Outcome of the verification processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2032
	ResultData <RsltData>	[1..1]			2033
	Result <Rslt>	[0..1]	CodeSet		2033
	OtherResult <OthrRslt>	[0..1]	Text		2034
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2034
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2034
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2034
	Type <Tp>	[0..1]	Text		2034
	Value <Val>	[0..1]	Text		2034
	ApprovalCode <ApprvlCd>	[0..1]	Text		2035
	ErrorDetail <ErrDtl>	[0..*]			2035
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2035
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2036
	ErrorCode <ErrCd>	[0..1]	Text		2036
	ErrorDescription <ErrDesc>	[0..1]	Text		2036
	DataElementInError <DataElmtInErr>	[0..*]	Text		2036
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2036
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2037
	Action <Actn>	[0..*]	±		2037
	AdditionalAction <AddtlActn>	[0..*]	±		2038
	AdditionalInformation <AddtlInf>	[0..*]	±		2038

47.1.28.4.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information about entity that provides the response

ResponseSource <RspnSrc> contains the following elements (see "ApprovalEntity2" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.4.2 ResultData <RsltData>

Presence: [1..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following **ResultData11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2033
	OtherResult <OthrRslt>	[0..1]	Text		2034
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2034
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2034
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2034
	Type <Tp>	[0..1]	Text		2034
	Value <Val>	[0..1]	Text		2034

47.1.28.4.2.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

Datatype: "Response10Code" on page 2183

CodeName	Name	Definition
INPS	InProgress	Request is still in progress.
UNRV	UnderReview	Service is under review.
OTHP	OtherPrivate	Other type of processing result defined at private level.
OTHN	OtherNational	Other type of processing result defined at national level.
FAIL	Failure	Processing of the request fails for various reasons. Some further processing according to the type of

CodeName	Name	Definition
		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.

47.1.28.4.2.2 OtherResult <OthrRslt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.4.2.3 ResultDetails <RsltDtls>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

47.1.28.4.2.4 OtherResultDetails <OthrRsltDtls>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.4.2.5 AdditionalResultInformation <AddtlRsltInf>

Presence: [0..*]

Definition: Additional result information to be conveyed.

AdditionalResultInformation <AddtlRsltInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2034
	Value <Val>	[0..1]	Text		2034

47.1.28.4.2.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.28.4.2.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28.4.3 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Value assigned by the entity when the transaction is approved.

Datatype: "Exact6AlphaNumericText" on page 2201

47.1.28.4.4 ErrorDetail <ErrDtl>

Presence: [0..*]

Definition: Error detail information.

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2035
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2036
	ErrorCode <ErrCd>	[0..1]	Text		2036
	ErrorDescription <ErrDesc>	[0..1]	Text		2036
	DataElementInError <DataElmtInErr>	[0..*]	Text		2036

47.1.28.4.4.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error

CodeName	Name	Definition
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.4.4.2 OtherMessageType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.4.4.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.4.4.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.4.4.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.4.5 OriginalResultData <OrgnlRsItData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnIRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.4.6 ActionRequired <ActnReqr>

Presence: [0..1]

Definition: Action required flag.

Default: False: Action Not Required.

True: Action Required.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 2197):

- *Meaning When True:* Yes
- *Meaning When False:* No

47.1.28.4.7 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed.

Action <Actn> contains the following elements (see "Action13" on page 2065 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.4.8 AdditionalAction <AddtlActn>

Presence: [0..*]

Definition: Additional action to perform.

AdditionalAction <AddtlActn> contains the following elements (see ["AdditionalAction1"](#) on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.4.9 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.5 ProcessingResult17

Definition: Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2039
	ResultData <RsltData>	[1..1]	±		2040
	ErrorDetail <ErrDtl>	[0..*]			2040
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2041
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2041
	ErrorCode <ErrCd>	[0..1]	Text		2042
	ErrorDescription <ErrDesc>	[0..1]	Text		2042
	DataElementInError <DataElmtInErr>	[0..*]	Text		2042
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2042
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2042
	Action <Actn>	[0..*]	±		2043
	AdditionalAction <AddtlActn>	[0..*]	±		2043
	AdditionalInformation <AddtlInf>	[0..*]	±		2044

47.1.28.5.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information about entity that provides the response

ResponseSource <RspnSrc> contains the following elements (see "ApprovalEntity2" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.5.2 ResultData <RsltData>

Presence: [1..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.5.3 ErrorDetail <ErrDtl>

Presence: [0..*]

Definition: Error detail information.

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2041
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2041
	ErrorCode <ErrCd>	[0..1]	Text		2042
	ErrorDescription <ErrDesc>	[0..1]	Text		2042
	DataElementInError <DataElmtInErr>	[0..*]	Text		2042

47.1.28.5.3.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.5.3.2 OtherMessageErrorType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.5.3.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.5.3.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.5.3.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.5.4 OriginalResultData <OrgnIRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnIRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.5.5 ActionRequired <ActnReqr>

Presence: [0..1]

Definition: Action required flag.

Default: False: Action Not Required.

True: Action Required.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 2197):

- *Meaning When True:* Yes
- *Meaning When False:* No

47.1.28.5.6 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed.

Action <Actn> contains the following elements (see "Action13" on page 2065 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstrn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.5.7 AdditionalAction <AddtlActn>

Presence: [0..*]

Definition: Additional action to perform.

AdditionalAction <AddtlActn> contains the following elements (see "AdditionalAction1" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.5.8 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.6 ProcessingResult16

Definition: Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2045
	ResultData <RsltData>	[0..1]	±		2045
	ApprovalCode <ApprvlCd>	[0..1]	Text		2046
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2046
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2046
	Action <Actn>	[0..*]	±		2047
	AdditionalAction <AddtlActn>	[0..*]	±		2047
	AdditionalInformation <AddtlInf>	[0..*]	±		2048

47.1.28.6.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information about entity that provides the response

ResponseSource <RspnSrc> contains the following elements (see "[ApprovalEntity2](#)" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.6.2 ResultData <RsltData>

Presence: [0..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.6.3 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Value assigned by the entity when the transaction is approved.

Datatype: "Exact6AlphaNumericText" on page 2201

47.1.28.6.4 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnlRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.6.5 ActionRequired <ActnReqr>

Presence: [0..1]

Definition: Action required flag.

Default: False: Action Not Required.

True: Action Required.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 2197):

- *Meaning When True*: Yes
- *Meaning When False*: No

47.1.28.6.6 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed.

ISO 8583 bit 39

Action <Actn> contains the following elements (see "Action13" on page 2065 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstrn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.6.7 AdditionalAction <AddtlActn>

Presence: [0..*]

Definition: Additional action to perform.

AdditionalAction <AddtlActn> contains the following elements (see "AdditionalAction1" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.6.8 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.7 ProcessingResult15

Definition: Outcome of the processing of the authorisation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2049
	ResultData <RsltData>	[1..1]	±		2049
	ErrorDetail <ErrDtl>	[0..*]			2050
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2050
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2051
	ErrorCode <ErrCd>	[0..1]	Text		2051
	ErrorDescription <ErrDesc>	[0..1]	Text		2051
	DataElementInError <DataElmtInErr>	[0..*]	Text		2051
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2051
	AdditionalInformation <AddtlInf>	[0..*]	±		2052

47.1.28.7.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information about entity that provides the response

ResponseSource <RspnSrc> contains the following elements (see "ApprovalEntity2" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.7.2 ResultData <RsltData>

Presence: [1..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.7.3 ErrorDetail <ErrDtl>

Presence: [0..*]

Definition: Error detail information.

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2050
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2051
	ErrorCode <ErrCd>	[0..1]	Text		2051
	ErrorDescription <ErrDesc>	[0..1]	Text		2051
	DataElementInError <DataElmtInErr>	[0..*]	Text		2051

47.1.28.7.3.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.

CodeName	Name	Definition
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.7.3.2 OtherMessageErrorType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.7.3.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.7.3.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.7.3.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.7.4 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request

OriginalResultData <OrgnIRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.7.5 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.8 ApprovalEntity2

Definition: Entity that has delivered or declined the card payment authorisation (the party may be unidentified).

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.8.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

ISO 8583:93/2003 bit 58

Datatype: "Max35Text" on page 2207

47.1.28.8.2 Type <Tp>

Presence: [1..1]

Definition: Type of entity having declined or delivered the card payment authorisation.

Datatype: "PartyType26Code" on page 2173

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ICCA	CardApplication	Application in the smart card.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.28.8.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of party.

Datatype: "Max35Text" on page 2207

47.1.28.8.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning the identification.

Datatype: "PartyType9Code" on page 2175

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.
SCHP	CardSchemeProcessor	Entity providing card payment processing services acting on behalf of a card scheme.

47.1.28.8.5 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity declining or delivering the authorisation.

ISO 3166-1 alpha-2 or alpha-3.

ISO 8583:93 bit 70

Datatype: "ISOMax3ACountryCode" on page 2157

47.1.28.8.6 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the entity delivering or declining the authorisation.

Datatype: "Max35Text" on page 2207

47.1.28.9 ProcessingResult14

Definition: Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2055
	ResultData <RsltData>	[0..1]			2055
	Result <Rslt>	[0..1]	CodeSet		2056
	OtherResult <OthrRslt>	[0..1]	Text		2056
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2056
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2057
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2057
	Type <Tp>	[0..1]	Text		2057
	Value <Val>	[0..1]	Text		2057
	ErrorDetail <ErrDtl>	[0..*]			2057
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2057
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2058
	ErrorCode <ErrCd>	[0..1]	Text		2058
	ErrorDescription <ErrDesc>	[0..1]	Text		2058
	DataElementInError <DataElmtInErr>	[0..*]	Text		2058
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2059
	AdditionalInformation <AddtlInf>	[0..*]	±		2059

47.1.28.9.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information of the entity that provides the response.

ResponseSource <RspnSrc> contains the following elements (see "[ApprovalEntity2](#)" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.9.2 ResultData <RsltData>

Presence: [0..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following **ResultData10** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2056
	OtherResult <OthrRslt>	[0..1]	Text		2056
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2056
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2057
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2057
	Type <Tp>	[0..1]	Text		2057
	Value <Val>	[0..1]	Text		2057

47.1.28.9.2.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

Datatype: "Response8Code" on page 2184

CodeName	Name	Definition
PRCS	Processed	Advice message is processed.
UNPR	NotProcessed	Advice message could not be processed.
UNRV	UnderReview	Service is under review.
REJT	Rejected	Service was rejected.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).
OTHN	OtherNational	Other type of processing result defined at national level.
OTHP	OtherPrivate	Other type of processing result defined at private level.

47.1.28.9.2.2 OtherResult <OthrRslt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.9.2.3 ResultDetails <RsltDtls>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

47.1.28.9.2.4 OtherResultDetails <OthrRsItDtls>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.9.2.5 AdditionalResultInformation <AddtlRsItInf>

Presence: [0..*]

Definition: Additional result information to be conveyed.

AdditionalResultInformation <AddtlRsItInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2057
	Value <Val>	[0..1]	Text		2057

47.1.28.9.2.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.28.9.2.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28.9.3 ErrorDetail <ErrDtl>

Presence: [0..*]

Definition: Error detail information.

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2057
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2058
	ErrorCode <ErrCd>	[0..1]	Text		2058
	ErrorDescription <ErrDesc>	[0..1]	Text		2058
	DataElementInError <DataElmtInErr>	[0..*]	Text		2058

47.1.28.9.3.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.9.3.2 OtherMessageType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.9.3.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.9.3.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.9.3.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.9.4 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnlRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.9.5 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation30" on page 1711 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1712
	Target <Trgt>	[0..*]	CodeSet		1712
	Format <Frmt>	[0..1]	CodeSet		1712
	Type <Tp>	[0..1]	Text		1713
	Language <Lang>	[1..1]	CodeSet		1713
	Value <Val>	[1..1]	Text		1713

47.1.28.10 ProcessingResult13

Definition: Outcome of the processing of the batch.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2060
	ResultData <RsltData>	[1..1]	±		2060
	ApprovalCode <ApprvlCd>	[0..1]	Text		2061
	ErrorDetail <ErrDtl>	[0..*]			2061
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2061
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2062
	ErrorCode <ErrCd>	[0..1]	Text		2062
	ErrorDescription <ErrDesc>	[0..1]	Text		2062
	DataElementInError <DataElmtInErr>	[0..*]	Text		2062
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2062
	AdditionalInformation <AddtlInf>	[0..*]	±		2063

47.1.28.10.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information about entity that provides the response

ResponseSource <RspnSrc> contains the following elements (see "ApprovalEntity2" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.10.2 ResultData <RsltData>

Presence: [1..1]

Definition: Result information related to the processing of the transaction.

ResultData <RsltData> contains the following elements (see "ResultData8" on page 2063 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2064
	OtherResult <OthrRslt>	[0..1]	Text		2064
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2064
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2065
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2065
	Type <Tp>	[0..1]	Text		2065
	Value <Val>	[0..1]	Text		2065

47.1.28.10.3 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Value assigned by the entity when the transaction is approved.

Datatype: "Exact6AlphaNumericText" on page 2201

47.1.28.10.4 ErrorDetail <ErrDtl>

Presence: [0..*]

Definition: Error detail information.

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2061
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2062
	ErrorCode <ErrCd>	[0..1]	Text		2062
	ErrorDescription <ErrDesc>	[0..1]	Text		2062
	DataElementInError <DataElmtInErr>	[0..*]	Text		2062

47.1.28.10.4.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message

CodeName	Name	Definition
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.10.4.2 OtherMessageErrorType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.10.4.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.10.4.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.10.4.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.10.5 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnIRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.10.6 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.11 ResultData8

Definition: Result of the processing.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2064
	OtherResult <OthrRslt>	[0..1]	Text		2064
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2064
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2065
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2065
	Type <Tp>	[0..1]	Text		2065
	Value <Val>	[0..1]	Text		2065

47.1.28.11.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

Datatype: "Response6Code" on page 2184

CodeName	Name	Definition
UNPR	NotProcessed	Advice message could not be processed.
PPRC	PartiallyProcessed	Processing of the service has been partially performed.
PRCS	Processed	Advice message is processed.
REJT	Rejected	Service was rejected.
OTHP	OtherPrivate	Other type of processing result defined at private level.
OTHN	OtherNational	Other type of processing result defined at national level.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).
UNRV	UnderReview	Service is under review.

47.1.28.11.2 OtherResult <OthrRslt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.11.3 ResultDetails <RsltDtls>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

47.1.28.11.4 OtherResultDetails <OthrRsItDtls>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.11.5 AdditionalResultInformation <AddtlRsItInf>

Presence: [0..*]

Definition: Additional result information to be conveyed.

AdditionalResultInformation <AddtlRsItInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2065
	Value <Val>	[0..1]	Text		2065

47.1.28.11.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.28.11.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28.12 Action13

Definition: Set of actions to be performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.12.1 Destination <Dstn>

Presence: [0..1]

Definition: Destination of the action.

Datatype: "PartyType20Code" on page 2171

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
CRDH	Cardholder	Holder of a payment card.
CISS	CardIssuer	Party that issues cards.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.1.28.12.2 ActionType <ActnTp>

Presence: [0..1]

Definition: Action type to be performed.

Datatype: "ActionType11Code" on page 2113

CodeName	Name	Definition
CNTI	ContactIssuer	Contact card issuer.
CNIS	ContactIssuerSpecialConditions	Refer to card issuer's special conditions.
CNTA	ContactAcquirer	Contact acquirer.
CNAS	ContactAcquirerSecurity	Card acceptor to call acquirer's security department.
CPTR	CaptureCard	Capture the card.
CHDV	CardholderVerification	Additional verification of cardholder required.
VIPM	VIPAccountManagement	Manage account as a VIP one.
TRCK	UpdateTrack	Track provided in the response must be updated on the card.
TRXR	ReEnterTransaction	Transaction to be re-entered.
OTHN	OtherNational	Other action defined at national level.
OTHP	OtherPrivate	Other action defined at private level
SIGN	Signature	Signature required.

47.1.28.12.3 OtherActionType <OthrActnTp>

Presence: [0..1]

Definition: Other action type to be performed.

Datatype: "Max35Text" on page 2207

47.1.28.12.4 Contact <Ctct>

Presence: [0..1]

Definition: Contact information.

Contact <Ctct> contains the following elements (see "Contact6" on page 1824 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HomePhoneNumber <HomePhneNb>	[0..1]	Text		1825
	BusinessPhoneNumber <BizPhneNb>	[0..1]	Text		1825
	MobilePhoneNumber <MobPhneNb>	[0..1]	Text		1825
	OtherPhoneNumber <OthrPhneNb>	[0..1]	Text		1825
	PersonalEmailAddress <PrsnlEmailAdr>	[0..1]	Text		1825
	BusinessEmailAddress <BizEmailAdr>	[0..1]	Text		1826
	OtherEmailAddress <OthrEmailAdr>	[0..1]	Text		1826
	HomeFaxNumber <HomeFaxNb>	[0..1]	Text		1826
	BusinessFaxNumber <BizFaxNb>	[0..1]	Text		1826
	URLAddress <URLAdr>	[0..1]	Text		1826
	Language <Lang>	[0..1]	CodeSet	C2	1826

47.1.28.12.5 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional action information.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.12.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.28.12.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28.13 ProcessingResult12

Definition: Outcome of the verification processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApprovalData <ApprvlData>	[0..1]			2068
	ApprovalEntity <ApprvlNtty>	[0..1]	±		2068
	ApprovalCode <ApprvlCd>	[0..1]	Text		2069
	ResultData <RsltData>	[0..1]			2069
	Result <Rslt>	[0..1]	CodeSet		2069
	OtherResult <OthrRslt>	[0..1]	Text		2070
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2070
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2070
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2070
	Type <Tp>	[0..1]	Text		2070
	Value <Val>	[0..1]	Text		2071
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2071
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2071
	Action <Actn>	[0..*]	±		2071
	AdditionalAction <AddtlActn>	[0..*]	±		2072
	AdditionalInformation <AddtlInf>	[0..*]	±		2072

47.1.28.13.1 ApprovalData <ApprvlData>

Presence: [0..1]

Definition: Data pertaining to the approval of the transaction.

ApprovalData <ApprvlData> contains the following **ApprovalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ApprovalEntity <ApprvlNtty>	[0..1]	±		2068
	ApprovalCode <ApprvlCd>	[0..1]	Text		2069

47.1.28.13.1.1 ApprovalEntity <ApprvlNtty>

Presence: [0..1]

Definition: Entity that has delivered or declined the card payment authorisation (the party may be unidentified).

ApprovalEntity <ApprvlNtty> contains the following elements (see "ApprovalEntity1" on page 2089 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2090
	Type <Tp>	[1..1]	CodeSet		2090
	OtherType <OthrTp>	[0..1]	Text		2090
	Assigner <Assgnr>	[0..1]	CodeSet		2091
	Country <Ctry>	[0..1]	Text		2091
	ShortName <ShrtNm>	[0..1]	Text		2091

47.1.28.13.1.2 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Value assigned by the approval entity indicating approval.

ISO 8583:93/2003 bit 38

Datatype: "Exact6AlphaNumericText" on page 2201

47.1.28.13.2 ResultData <RsltData>

Presence: [0..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following **ResultData11** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2069
	OtherResult <OthrRslt>	[0..1]	Text		2070
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2070
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2070
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2070
	Type <Tp>	[0..1]	Text		2070
	Value <Val>	[0..1]	Text		2071

47.1.28.13.2.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

Datatype: "Response10Code" on page 2183

CodeName	Name	Definition
INPS	InProgress	Request is still in progress.

CodeName	Name	Definition
UNRV	UnderReview	Service is under review.
OTHP	OtherPrivate	Other type of processing result defined at private level.
OTHN	OtherNational	Other type of processing result defined at national level.
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.

47.1.28.13.2.2 OtherResult <OthrRslt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.13.2.3 ResultDetails <RsltDtls>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

47.1.28.13.2.4 OtherResultDetails <OthrRsltDtls>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.13.2.5 AdditionalResultInformation <AddtlRsltInf>

Presence: [0..*]

Definition: Additional result information to be conveyed.

AdditionalResultInformation <AddtlRsltInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2070
	Value <Val>	[0..1]	Text		2071

47.1.28.13.2.5.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.28.13.2.5.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28.13.3 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnlRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.13.4 ActionRequired <ActnReqr>

Presence: [0..1]

Definition: Action required flag.

Default: False: Action Not Required.

True: Action Required.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 2197):

- *Meaning When True:* Yes
- *Meaning When False:* No

47.1.28.13.5 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed.

Action <Actn> contains the following elements (see "Action13" on page 2065 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.13.6 AdditionalAction <AddtlActn>

Presence: [0..*]

Definition: Additional action to perform.

AdditionalAction <AddtlActn> contains the following elements (see "AdditionalAction1" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.13.7 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.14 ProcessingResult11

Definition: Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResultData <RsltData>	[0..1]	±		2073
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2074
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2074
	Action <Actn>	[0..*]	±		2075
	AdditionalAction <AddtlActn>	[0..*]	±		2075
	AdditionalInformation <AddtlInf>	[0..*]	±		2076

47.1.28.14.1 ResultData <RsltData>

Presence: [0..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.14.2 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnlRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.14.3 ActionRequired <ActnReqr>

Presence: [0..1]

Definition: Action required flag.

Default: False: Action Not Required.

True: Action Required.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 2197):

- *Meaning When True:* Yes
- *Meaning When False:* No

47.1.28.14.4 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed.

Action <Actn> contains the following elements (see "Action13" on page 2065 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.14.5 AdditionalAction <AddtlActn>

Presence: [0..*]

Definition: Additional action to perform.

AdditionalAction <AddtlActn> contains the following elements (see "AdditionalAction1" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.14.6 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "[AdditionalInformation29](#)" on [page 1713](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.15 ProcessingResult10

Definition: Outcome of the processing of the authorisation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2077
	ResultData <RsItData>	[1..1]	±		2077
	ApprovalCode <ApprvlCd>	[0..1]	Text		2078
	ErrorDetail <ErrDtl>	[0..1]			2078
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079
	OriginalResultData <OrgnlRsItData>	[0..1]	±		2080
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2080
	Action <Actn>	[0..*]	±		2080
	AdditionalAction <AddtlActn>	[0..*]	±		2081
	AdditionalInformation <AddtlInf>	[0..*]	±		2081

47.1.28.15.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information about the entity that provides the response

ResponseSource <RspnSrc> contains the following elements (see "ApprovalEntity2" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.15.2 ResultData <RsItData>

Presence: [1..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.15.3 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Value assigned by the entity when the transaction is approved.

Datatype: "Exact6AlphaNumericText" on page 2201

47.1.28.15.4 ErrorDetail <ErrDtl>

Presence: [0..1]

Definition: Error detail information

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2078
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2079
	ErrorCode <ErrCd>	[0..1]	Text		2079
	ErrorDescription <ErrDesc>	[0..1]	Text		2079
	DataElementInError <DataElmtInErr>	[0..*]	Text		2079

47.1.28.15.4.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value

CodeName	Name	Definition
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.15.4.2 OtherMessageType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.15.4.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.15.4.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.15.4.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.15.5 OriginalResultData <OrgnlRsltData>*Presence:* [0..1]*Definition:* Outcome of a previous processing, for example, in response to a duplicate request.**OriginalResultData <OrgnlRsltData>** contains the following elements (see "[ResultData7](#)" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.15.6 ActionRequired <ActnReqr>*Presence:* [0..1]*Definition:* Action required flag.

Default: False: Action Not Required.

True: Action Required.

Datatype: One of the following values must be used (see "[YesNoIndicator](#)" on page 2197):

- *Meaning When True:* Yes
- *Meaning When False:* No

47.1.28.15.7 Action <Actn>*Presence:* [0..*]*Definition:* Set of actions to be performed.

Action <Actn> contains the following elements (see "Action13" on page 2065 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.15.8 AdditionalAction <AddtlActn>

Presence: [0..*]

Definition: Additional action to perform.

AdditionalAction <AddtlActn> contains the following elements (see "AdditionalAction1" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.15.9 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.16 ProcessingResult9

Definition: Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSource <RspnSrc>	[0..1]	±		2082
	ResultData <RsltData>	[1..1]	±		2083
	ApprovalCode <ApprvlCd>	[0..1]	Text		2083
	ErrorDetail <ErrDtl>	[0..*]			2083
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2084
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2084
	ErrorCode <ErrCd>	[0..1]	Text		2085
	ErrorDescription <ErrDesc>	[0..1]	Text		2085
	DataElementInError <DataElmtInErr>	[0..*]	Text		2085
	OriginalResultData <OrgnlRsltData>	[0..1]	±		2085
	ActionRequired <ActnReqrd>	[0..1]	Indicator		2085
	Action <Actn>	[0..*]	±		2086
	AdditionalAction <AddtlActn>	[0..*]	±		2086
	AdditionalInformation <AddtlInf>	[0..*]	±		2087

47.1.28.16.1 ResponseSource <RspnSrc>

Presence: [0..1]

Definition: The information about entity that provides the response

ResponseSource <RspnSrc> contains the following elements (see "ApprovalEntity2" on page 2052 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2053
	Type <Tp>	[1..1]	CodeSet		2053
	OtherType <OthrTp>	[0..1]	Text		2053
	Assigner <Assgnr>	[0..1]	CodeSet		2054
	Country <Ctry>	[0..1]	CodeSet		2054
	ShortName <ShrtNm>	[0..1]	Text		2054

47.1.28.16.2 ResultData <RsltData>

Presence: [1..1]

Definition: Result of the processing.

ResultData <RsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.16.3 ApprovalCode <ApprvlCd>

Presence: [0..1]

Definition: Value assigned by the entity when the transaction is approved.

Datatype: "Exact6AlphaNumericText" on page 2201

47.1.28.16.4 ErrorDetail <ErrDtl>

Presence: [0..*]

Definition: Error detail information.

ErrorDetail <ErrDtl> contains the following **ErrorDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageErrorType <MsgErrTp>	[1..1]	CodeSet		2084
	OtherMessageErrorType <OthrMsgErrTp>	[0..1]	Text		2084
	ErrorCode <ErrCd>	[0..1]	Text		2085
	ErrorDescription <ErrDesc>	[0..1]	Text		2085
	DataElementInError <DataElmtInErr>	[0..*]	Text		2085

47.1.28.16.4.1 MessageErrorType <MsgErrTp>

Presence: [1..1]

Definition: Code list containing a code that identifies the error condition.

Datatype: "MessageError1Code" on page 2163

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.1.28.16.4.2 OtherMessageErrorType <OthrMsgErrTp>

Presence: [0..1]

Definition: Other message error type defined at national or private level.

Datatype: "Max35Text" on page 2207

47.1.28.16.4.3 ErrorCode <ErrCd>

Presence: [0..1]

Definition: Code that identifies the specific error found.

Datatype: "Max35Text" on page 2207

47.1.28.16.4.4 ErrorDescription <ErrDesc>

Presence: [0..1]

Definition: Description of the error found.

Datatype: "Max500Text" on page 2208

47.1.28.16.4.5 DataElementInError <DataElmtInErr>

Presence: [0..*]

Definition: Data element in error.

Datatype: "Max4000Text" on page 2207

47.1.28.16.5 OriginalResultData <OrgnlRsltData>

Presence: [0..1]

Definition: Outcome of a previous processing, for example, in response to a duplicate request.

OriginalResultData <OrgnlRsltData> contains the following elements (see "ResultData7" on page 2088 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.16.6 ActionRequired <ActnReqr>

Presence: [0..1]

Definition: Action required flag.

Default: False: Action Not Required.

True: Action Required.

Datatype: One of the following values must be used (see "YesNoIndicator" on page 2197):

- *Meaning When True:* Yes
- *Meaning When False:* No

47.1.28.16.7 Action <Actn>

Presence: [0..*]

Definition: Set of actions to be performed.

ISO 8583 bit 39

Action <Actn> contains the following elements (see "Action13" on page 2065 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Destination <Dstrn>	[0..1]	CodeSet		2065
	ActionType <ActnTp>	[0..1]	CodeSet		2066
	OtherActionType <OthrActnTp>	[0..1]	Text		2066
	Contact <Ctct>	[0..1]	±		2066
	AdditionalData <AddtlData>	[0..*]			2067
	Type <Tp>	[0..1]	Text		2067
	Value <Val>	[0..1]	Text		2067

47.1.28.16.8 AdditionalAction <AddtlActn>

Presence: [0..*]

Definition: Additional action to perform.

AdditionalAction <AddtlActn> contains the following elements (see "AdditionalAction1" on page 2021 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2022
	Destination <Dstn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstn>	[0..1]	Text		2023
	DestinationType <DstnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		2023
	DestinationAddress <DstnAdr>	[0..1]	Text		2023
	Format <Frmt>	[0..1]	CodeSet		2023
	OtherFormat <OthrFrmt>	[0..1]	Text		2024
	Content <Cntt>	[0..1]			2024
	Value <Val>	[1..1]	Text		2024
	Signature <Sgntr>	[0..1]	Binary		2024
	CertificateIdentification <CertId>	[0..1]	Text		2025

47.1.28.16.9 AdditionalInformation <AddtlInf>

Presence: [0..*]

Definition: Additional information relevant for the destination.

ISO 8583 bit 44

AdditionalInformation <AddtlInf> contains the following elements (see "AdditionalInformation29" on page 1713 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1714
	OtherRecipient <OthrRcpt>	[0..1]	Text		1714
	Target <Trgt>	[0..*]	CodeSet		1714
	OtherTarget <OthrTrgt>	[0..1]	Text		1715
	Format <Frmt>	[0..1]	CodeSet		1715
	OtherFormat <OthrFrmt>	[0..1]	Text		1715
	Type <Tp>	[0..1]	Text		1716
	Language <Lang>	[1..1]	CodeSet		1716
	Value <Val>	[1..1]	Text		1716

47.1.28.17 ResultData7

Definition: Result of the processing.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Result <Rslt>	[0..1]	CodeSet		2088
	OtherResult <OthrRslt>	[0..1]	Text		2088
	ResultDetails <RsltDtls>	[1..1]	CodeSet		2089
	OtherResultDetails <OthrRsltDtls>	[0..1]	Text		2089
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		2089
	AdditionalResultInformation <AddtlRsltInf>	[0..*]			2089
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.17.1 Result <Rslt>

Presence: [0..1]

Definition: Generic result of the processing.

ISO 8583 bit 39

Datatype: "Response8Code" on page 2184

CodeName	Name	Definition
PRCS	Processed	Advice message is processed.
UNPR	NotProcessed	Advice message could not be processed.
UNRV	UnderReview	Service is under review.
REJT	Rejected	Service was rejected.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).
OTHN	OtherNational	Other type of processing result defined at national level.
OTHP	OtherPrivate	Other type of processing result defined at private level.

47.1.28.17.2 OtherResult <OthrRslt>

Presence: [0..1]

Definition: Other type of result of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.17.3 ResultDetails <RsltDtls>

Presence: [1..1]

Definition: Detailed results of the processing, conforming to ISO 8583 Response codes list. This code list is maintained by the ISO 8583/MA (maintenance agency).

Datatype: "ISO8583ResponseCode" on page 2157

47.1.28.17.4 OtherResultDetails <OthrRsltDtls>

Presence: [0..1]

Definition: Other result details of the processing.

Datatype: "Max35Text" on page 2207

47.1.28.17.5 TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>

Presence: [0..1]

Definition: Issuer permits reuse of temporary secure stored card data.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.28.17.6 AdditionalResultInformation <AddtlRsltInf>

Presence: [0..*]

Definition: Additional result information to be conveyed.

AdditionalResultInformation <AddtlRsltInf> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2089
	Value <Val>	[0..1]	Text		2089

47.1.28.17.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.28.17.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.28.18 ApprovalEntity1

Definition: Entity that has delivered or declined the card payment authorisation (the party may be unidentified).

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		2090
	Type <Tp>	[1..1]	CodeSet		2090
	OtherType <OthrTp>	[0..1]	Text		2090
	Assigner <Assgnr>	[0..1]	CodeSet		2091
	Country <Ctry>	[0..1]	Text		2091
	ShortName <ShrtNm>	[0..1]	Text		2091

47.1.28.18.1 Identification <Id>

Presence: [0..1]

Definition: Identification of the entity.

ISO 8583:93/2003 bit 58

Datatype: "Max35Text" on page 2207

47.1.28.18.2 Type <Tp>

Presence: [1..1]

Definition: Type of entity having declined or delivered the card payment authorisation.

Datatype: "PartyType26Code" on page 2173

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ICCA	CardApplication	Application in the smart card.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.1.28.18.3 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of party.

Datatype: "Max35Text" on page 2207

47.1.28.18.4 Assigner <Assgnr>

Presence: [0..1]

Definition: Entity in charge of assigning the identification.

Datatype: "PartyType9Code" on page 2175

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.
SCHP	CardSchemeProcessor	Entity providing card payment processing services acting on behalf of a card scheme.

47.1.28.18.5 Country <Ctry>

Presence: [0..1]

Definition: Country of the entity declining or delivering the authorisation.

ISO 3166-1 alpha-2 or alpha-3.

ISO 8583:93 bit 70

Datatype: "Min2Max3AlphaText" on page 2211

47.1.28.18.6 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the entity delivering or declining the authorisation.

Datatype: "Max35Text" on page 2207

47.1.29 Tax

47.1.29.1 Tax39

Definition: Description of tax.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		2092
	OtherType <OthrTp>	[0..1]	Text		2097
	Description <Desc>	[0..1]	Text		2097
	TaxExemption <TaxXmptn>	[0..1]	Indicator		2098
	TaxExemptReason <TaxXmptRsn>	[0..1]	Text		2098
	Amount <Amt>	[1..1]	Amount		2098
	Rate <Rate>	[0..1]	Rate		2098
	IncludedInTotalIndicator <InclInTtlInd>	[0..1]	Indicator		2098
	CreditDebit <CdtDbt>	[0..1]	CodeSet		2098

47.1.29.1.1 Type <Tp>

Presence: [1..1]

Definition: Type of tax.

Datatype: "AddendumTaxType2Code" on page 2114

CodeName	Name	Definition
TOTL	TotalTaxes	Total of all applicable taxes
ALMI	AlternativeMinimumTax	Tax is an alternative minimum tax.
ASNT	Assessment	Assessment
BPTX	BusinessPrivilegeTax	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian Reservation
KAPA	CapitalGainTax	Tax is on a capital gain (realised and unrealised), that is, the profit that is gained from the sale of a financial instrument.
NKAP	CapitalLossCredit	Tax recovery is due to capital loss.
CRTX	CityRentalTax	Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party.
CSTX	CitySalesTax	Sales tax imposed by a city
CITX	CityTax	Service tax imposed by a city
COAX	ConsumptionTax	Tax that is levied on goods and services purchased by customers, and is added to the retail price.
CPST	CountyParishSalesTax	Service tax imposed by a County or Parish
CORT	CountyRentalTax	Levied by a county government against the periodic fee paid by a customer in

CodeName	Name	Definition
		return for the right to use the property of another party.
COTX	CountyTax	Service tax levied by a county
CUST	CustomsTax	Tax levied on imports or exports by a country's customs authority.
DLTX	DefaultLabourTax	Default Labour Tax
DUTY	Duty	A tax levied on goods that typically though not exclusively transit across a geographic border.
EMIT	EmergencyAssistanceCityTax	Tax levied by a city to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
EMUT	EmergencyAssistanceCountyTax	Tax levied by a county to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
EMET	EmergencyAssistanceExciseTax	Usage tax levied to recover the cost of telephone emergency assistance service (for example, 112, 911, 999).
EMST	EmergencyAssistanceStateTax	Tax levied by a state to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
EMRT	EmergencyAssistanceTax	Tax levied to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
ENTX	EnergyTax	Tax applied to the utility and petroleum industries.
ESET	EnhancedEmergencyAssistanceStateExciseTax	Tax levied by a state to recover the cost of providing enhanced telephone emergency assistance services (for example, 112, 911, 999) such as automatic call identification.
ENVT	EnvironmentalTax	Tax levied on activities which are considered to have negative impacts on an environment.
EQUL	Equalisation	Part of an investor's subscription amount that is held by the fund in order to pay incentive / performance fees at the end of the fiscal year.
EQTX	EquipmentTax	Equipment Tax
EUTR	EUTaxRetention	Tax withheld at source in the framework of the European Directive on taxation of savings in the form of interest payments.
EXEC	ExecutingBrokerCommission	Executing broker's commission amount.
FEXT	FederalExciseTax	Excise tax levied by a federal government.
FNST	FederalNationalSalesTax	Federal or National Sales Tax.

CodeName	Name	Definition
FETX	FederalTax	Usage tax levied by federal (US and Canadian) government.
FVAT	FederalValueAddedTax	Federal Value-Added Tax (GST).
FVTS	FederalValueAddedTaxOnServices	Federal Value-Added Tax (GST) on Services
FIMT	FICAMedicareTax	USA Federal Insurance Contributions Act tax levied to assist in the funding of Medicare.
FSST	FICASocialSecurityTax	USA Federal Insurance Contributions Act tax levied to assist in the funding of social security.
FICA	FICATax	USA Federal Insurance Contributions Act tax.
FRTX	FranchiseTax	Tax levied by a municipality, on certain types of businesses for the right to exist as a legal entity and conduct business in a particular jurisdiction.
FSTX	FuelSpillTax	Fuel Spill Tax.
FSFT	FuelSuperFundTax	USA federal tax levied on certain types of businesses to provide funding for cleanup of hazardous waste sites.
FUVT	FullVAT	Value Added Tax calculated at the full tax rate.
GIFT	GiftTax	Tax that is levied on assets given to individuals prior to the death of the donor. Gift tax is designed to ensure the integrity of the inheritance tax, preventing the pre-death transfer of wealth.
GCAT	GoodsAndServicesTax	Goods and Services Tax - Canadian value-added tax.
GRTX	GrossReceiptsTax	Gross Receipts Tax.
HVAT	HalfVAT	Value Added Tax calculated at the half tax rate.
HATX	HandicapTax	Tax assessed to assist the handicapped.
HSTX	HarmonizedSalesTax	Harmonized Sales Tax (HST).
HWTX	HazardousWasteTax	Tax levied on entities that produce, store, treat, transport or otherwise manage hazardous wastes and materials.
INHT	InheritanceTax	Tax that is payable at the time of death on any items (money or otherwise), where ownership changes either upon death or within a legally specified number of years before death.
INPO	InterimProfitTax	Tax levied on the sum of all earnings/ revenues accrued since the last dividend distribution.
LTTX	LabourByTradeTax	Labour by Trade Tax

CodeName	Name	Definition
FLST	LeakyUndergroundStorageTankTax	Federal tax levied in the USA to fund the clean-up activities associated with leaking underground storage tanks.
LITX	LicenseTax	Tax levied by a government agency for the granting of a license to conduct an activity, such as driving a car, operating a business, selling liquor, hunting, or practicing certain vocations.
LOCO	LocalBrokerCommission	Local broker's commission amount.
LSTX	LocalSalesTax	All applicable sales taxes levied by taxing authorities below the state level. Used only for sales tax.
LOCL	LocalTax	Service tax levied by a local government or taxation agency. Not a sales tax.
LUTX	LuxuryTax	Ad valorem tax levied on products or services that are deemed to be non-essential or unneeded.
MATX	MaterialTax	Material Tax
METX	MetropolitanTransitTax	Metropolitan Transit Tax
MITX	MinimumTax	Minimum Tax
MUTX	MunicipalTax	Service tax imposed by a municipality.
MUDE	MutuallyDefinedTax	Mutually Defined
COUN	NationalFederalTax	Tax is a country, national, or federal tax usually levied by the custodian.
NATI	NationalTax	Tax is a national tax.
OCTX	OccupancyTax	Tax levied for the privilege of occupying space for home or rental for a fixed period of time, as determined by a taxing authority.
OPTX	OccupationalTax	Type of gross receipts tax imposed for the privilege of carrying on a business, trade or profession.
OTHR	Other	Other type of tax not elsewhere classified.
OTHN	OtherNational	Other national use defined value
OTHP	OtherPrivate	Other private use defined value
OTTX	OtherTaxes	Other taxes
LEVY	PaymentLevyTax	Tax levied on a payment.
POTX	PostThresholdTax	Post-threshold Tax
PRTX	PreThresholdTax	Pre-threshold tax
PSTX	ProductAndServicesTax	Tax levied on products and services
PPTX	PropertyTax	Ad valorem property tax levied on real or personal property by local government units such as counties, municipalities,

CodeName	Name	Definition
		school districts, and special taxing districts.
PROV	ProvincialTax	Provincial tax
PHET	PublicHealthAndEducationTax	Canadian tax levied to fund public care and education.
QUST	QuebecSalesTax	Quebec Sales Tax (QST)
ROCI	RoomCity	Room City
RCSB	RoomCountrySubdivision1	Room Country Subdivision1
RCSD	RoomCountrySubdivision2	Room Country Subdivision2
ROTX	RoomTax	Room Tax
RVAT	RoomVAT	Room VAT
ROVI	RoomVisitor	Room Visitor
SAUT	SalesAndUseTax	Tax levied for the use of equipment and service provided
SCTX	SchoolTax	Tax levied by taxing authority for schools
SPTX	SecondaryPercentageTax	Secondary Percentage Tax
STTA	StadiumTax	Stadium Tax
STAM	StampDuty	Tax levied on certain types of documents and transactions.
SLST	StateAndLocalSalesTax	State and Local Sales Tax
SLTX	StateAndLocalTax	State and local tax levies, exclusive of state and local sales tax.
SETX	StateExciseTax	Usage tax imposed by state or provincial government authorities.
STPT	StateOrProvincialTax	Sales tax levied by a State or Province that excludes sales or excise taxes.
SPTS	StateOrProvincialTaxOnServices	State or Provincial tax on services
SPFT	StateProvincialFuelTax	State or Provincial Fuel Tax
SPTG	StateProvincialTaxOnGoods	State or Provincial Tax on Goods
SRTX	StateRentalTax	Tax levied by a state government against a periodic fee paid by a customer in return for the right to use the property of another party.
SSTX	StateSalesTax	State Sales Tax
STAT	StateTax	State tax.
STSL	StateTaxOnSpecificLabour	State Tax on Specific Labour
STEX	StockExchangeTax	Tax levied by a stock exchange.
SUTX	Surtax	Surtax
CTAX	TaxCredit	Direct reduction of an individual's tax liability.

CodeName	Name	Definition
TDDT	TDDServiceExciseTax	Excise tax levied to recover the cost of providing Telecommunications Device for the Deaf (TDD) Equipment.
TELT	TelecommunicationsTax	Tax levied on telecommunications companies for the right to provide services. May be a usage or excise tax.
THTX	ThresholdTax	Threshold Tax
TRAX	TransactionTax	Tax levied on a transaction.
TRAN	TransferTax	Tax levied on a transfer.
UNSP	Unspecified	Unspecified tax type
UUTX	UtilityUsersTax	Tax levied on consumers by a city or county for the use of natural gas.
VATA	ValueAddedTax	Value added tax
VATB	ValueAddedTaxOfZeroRate	Tax for which a zero rate applies.
WTAX	WealthTax	Tax levied only when the value of assets or categories of assets owned by an entity are above a given limit as defined by the tax authority. Wealth tax is not linked to income.
WESV	WellService	Well Service
WITF	WithholdingOfForeignTax	Rate at which the income will be withheld by the jurisdiction in which the income was originally paid, for which relief at source and/or reclaim may be possible.
WITL	WithholdingOfLocalTax	Rate at which the income will be withheld by the jurisdiction in which the account owner is located, for which relief at source and/or reclaim may be possible.
WITH	WithholdingTax	Income tax withheld or deducted from the amount due to the recipient, and paid to the government by the payer rather than the recipient. May apply to salaries, interest, and other types of proceeds.
TNRT	TotalNonRoomTax	Tax levied on non-room expenditures.

47.1.29.1.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of tax. Describes the type of tax when Other, Other National, Other Private or Other Taxes Type is selected.

Datatype: "Max35Text" on page 2207

47.1.29.1.3 Description <Desc>

Presence: [0..1]

Definition: Description of the tax.

Datatype: "Max35Text" on page 2207

47.1.29.1.4 TaxExemption <TaxXmptn>

Presence: [0..1]

Definition: Exemption for this type of tax.

True: Exemption of tax

False: No exemption of tax

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.29.1.5 TaxExemptReason <TaxXmptRsn>

Presence: [0..1]

Definition: Reason for tax exemption.

Datatype: "Max35Text" on page 2207

47.1.29.1.6 Amount <Amt>

Presence: [1..1]

Definition: Tax amount.

Datatype: "ImpliedCurrencyAndAmount" on page 2110

47.1.29.1.7 Rate <Rate>

Presence: [0..1]

Definition: Tax rate applied on original amount.

Datatype: "PercentageRate" on page 2199

47.1.29.1.8 IncludedInTotalIndicator <InclInTtlInd>

Presence: [0..1]

Definition: Indicate whether the Tax amount is included in total transaction amount

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 2197):

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

47.1.29.1.9 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: A code to indicate the tax amount is credit or debit

Datatype: "CreditDebit3Code" on page 2141

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.30 Token

47.1.30.1 Token2

Definition: Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		2099
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		2099
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		2099
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		2100
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		2100
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		2101
	AdditionalData <AddtlData>	[0..*]			2101
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

47.1.30.1.1 PaymentToken <PmtTkn>

Presence: [0..1]

Definition: Surrogate value of the PAN.

Datatype: "Max19NumericText" on page 2204

47.1.30.1.2 TokenExpiryDate <TknXpryDt>

Presence: [0..1]

Definition: Expiry date of the payment token.

ISO 8583 bit 14.

Datatype: "ISOYearMonth" on page 2212

47.1.30.1.3 TokenRequestorIdentification <TknRqstrld>

Presence: [0..1]

Definition: Identification of a party requesting a token.

Datatype: "Max11NumericText" on page 2203

47.1.30.1.4 TokenAssuranceData <TknAssrncData>

Presence: [0..1]

Definition: Supporting information for the Token Assurance Method.

Datatype: "Max140Text" on page 2203

47.1.30.1.5 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 2206

47.1.30.1.6 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 2197):

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

47.1.30.1.7 StorageLocation <StorgLctn>

Presence: [0..1]

Definition: Storage location of the token.

Datatype: "StorageLocation1Code" on page 2186

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.
ISWL	IssuerWallet	Storage is in wallet managed by Issuer.
ONFL	OnFile	Storage is on file.
OTHN	OtherNational	Code defined by national standards organisation.
OTHP	OtherPrivate	Code defined by private agreement.
TPWL	ThirdPartyWallet	Storage location is in wallet managed by a third party.

47.1.30.1.8 OtherStorageLocation <OthrStorgLctn>

Presence: [0..1]

Definition: Other private or national storage location code.

Datatype: "Max35Text" on page 2207

47.1.30.1.9 ProtectionMethod <PrtnMtd>

Presence: [0..1]

Definition: Method used to protect the token.

Datatype: "ProtectionMethod1Code" on page 2179

CodeName	Name	Definition
OTHN	OtherNational	Other code assigned by national organisation.
OTHP	OtherPrivate	Other privately assigned code.
SELM	SecureElement	Secure element method.
SNCL	SecureEnclave	Secure enclave method.
SOFT	Software	Software protection method.
TEEN	TrustedExecutionEnvironment	Trusted execution environment method.

47.1.30.1.10 OtherProtectionMethod <OthrPrtnMtd>

Presence: [0..1]

Definition: Other national or private protection method code.

Datatype: "Max35Text" on page 2207

47.1.30.1.11 AdditionalData <AddtlData>

Presence: [0..*]

Definition: Additional token data.

AdditionalData <AddtlData> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2101
	Value <Val>	[0..1]	Text		2101

47.1.30.1.11.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.30.1.11.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.31 Verification

47.1.31.1 VerificationInformation1

Definition: Contains verification information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2102
	Value <Val>	[0..1]			2102
{Or	TextValue <TxtVal>	[1..1]	Text		2102
Or	BinaryValue <BinryVal>	[1..1]	Binary		2103
Or	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2103
Or}	PINData <PINData>	[1..1]	±		2103
	Reason <Rsn>	[0..*]	Text		2103
	DateTime <DtTm>	[0..1]	DateTime		2104
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		2104
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		2104

47.1.31.1.1 Type <Tp>

Presence: [0..1]

Definition: Type of the verification or authentication.

ISO 8583:2003 bit 34

Datatype: "Max35Text" on page 2207

47.1.31.1.2 Value <Val>

Presence: [0..1]

Definition: Value of the data to be verified or authenticated.

Value <Val> contains one of the following **VerificationValue1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	TextValue <TxtVal>	[1..1]	Text		2102
Or	BinaryValue <BinryVal>	[1..1]	Binary		2103
Or	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2103
Or}	PINData <PINData>	[1..1]	±		2103

47.1.31.1.2.1 TextValue <TxtVal>

Presence: [1..1]

Definition: Value of the data expressed in text form.

Datatype: "Max2048Text" on page 2205

47.1.31.1.2.2 BinaryValue <BinryVal>

Presence: [1..1]

Definition: Value of the data expressed in BASE-64 encoded binary form.

Datatype: "Max5000Binary" on page 2111

47.1.31.1.2.3 HexadecimalBinaryValue <HexBinryVal>

Presence: [1..1]

Definition: Value of the data expressed in hexadecimal encoded binary form.

Datatype: "Max9999HexBinaryText" on page 2210

47.1.31.1.2.4 PINData <PINData>

Presence: [1..1]

Definition: Personal Identification Number data.

ISO 13492 and ISO 9564-1

ISO 8583:87 bit 52 & bit 53 or bit 110

ISO 8583:93 bit 52 & bit 53 or bit 111

ISO 8583:2003 bit 52 & bit 53 or bit 50

PINData <PINData> contains the following elements (see "PINData1" on page 1837 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1838
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1838
	DerivedInformation <DrvdInf>	[0..1]	Text		1838
	Algorithm <Algo>	[0..1]	Text		1839
	KeyLength <KeyLngth>	[0..1]	Text		1839
	KeyProtection <KeyPrctn>	[0..1]	Text		1839
	KeyIndex <KeyIndx>	[0..1]	Text		1839
	PINBlockFormat <PINBlckFrmt>	[1..1]	Text		1839
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	Text		1839

47.1.31.1.3 Reason <Rsn>

Presence: [0..*]

Definition: Reason to perform the verification.

Datatype: "Max35Text" on page 2207

47.1.31.1.4 DateTime <DtTm>

Presence: [0..1]

Definition: Date and time when the verification was performed.

Datatype: "ISODateTime" on page 2196

47.1.31.1.5 ValidityEndDate <VldtyEndDt>

Presence: [0..1]

Definition: Contains end date of the verification that has been performed.

Datatype: "ISODate" on page 2196

47.1.31.1.6 ValidityEndTime <VldtyEndTm>

Presence: [0..1]

Definition: Contains end time of the verification that has been performed.

Datatype: "ISOTime" on page 2211

47.1.31.2 VerificationResult2

Definition: Result of verifications performed prior or after the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2104
	Entity <Ntty>	[0..1]	CodeSet		2104
	OtherEntity <OthrNtty>	[0..1]	Text		2105
	Result <Rslt>	[0..1]	CodeSet		2105
	OtherResult <OthrRslt>	[0..1]	Text		2106
	ResultDetails <RsltDtls>	[0..*]			2106
	Type <Tp>	[0..1]	Text		2106
	Value <Val>	[0..1]	Text		2106

47.1.31.2.1 Type <Tp>

Presence: [0..1]

Definition: Type of the verification or authentication.

Datatype: "Max35Text" on page 2207

47.1.31.2.2 Entity <Ntty>

Presence: [0..1]

Definition: Entity who actually performed the verification.

ISO 8583:93 bit 22-9

Datatype: "VerificationEntity2Code" on page 2195

CodeName	Name	Definition
MERC	Acceptor	Acceptor (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between (or on behalf of) an acquirer and an issuer.
ISSR	Issuer	Card issuer.
OTHN	OtherNational	Other type of authentication entity defined at national level.
OTHP	OtherPrivate	Other type of authentication entity defined at private level.
CDAD	AcceptanceDevice	Type of Device to accept payment
ICCA	CardApplication	Application in the smart card.

47.1.31.2.3 OtherEntity <OthrNtty>

Presence: [0..1]

Definition: Other national or private entity in charge of the verification.

Datatype: "Max35Text" on page 2207

47.1.31.2.4 Result <RsIt>

Presence: [0..1]

Definition: Result of the verification.

Datatype: "Verification3Code" on page 2195

CodeName	Name	Definition
FAIL	Failed	Verification failed.
FUTA	FurtherAction	Further action required.
MISS	Missing	Information required to perform the verification was missing.
NOSP	NotSupported	Not support the verification type
NOVF	NotPerformed	Verification has not been performed.
OTHN	OtherNational	Other result of verification defined at national level.
OTHP	OtherPrivate	Other result of verification defined at private level.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

47.1.31.2.5 OtherResult <OthrRsIt>

Presence: [0..1]

Definition: Additional result of the verification, for instance for electronic commerce.

Datatype: "Max500Text" on page 2208

47.1.31.2.6 ResultDetails <RsItDtIs>

Presence: [0..*]

Definition: Details of the result.

ResultDetails <RsItDtIs> contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2106
	Value <Val>	[0..1]	Text		2106

47.1.31.2.6.1 Type <Tp>

Presence: [0..1]

Definition: Type of information.

Datatype: "Max35Text" on page 2207

47.1.31.2.6.2 Value <Val>

Presence: [0..1]

Definition: Value of a specific type of data.

Datatype: "Max2048Text" on page 2205

47.1.31.3 Verification4

Definition: Method and data intended to be verified as well as the related results.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2106
	OtherType <OthrTp>	[0..1]	Text		2107
	SubType <SubTp>	[0..1]	Text		2107
	AdditionalInformation <AddtlInf>	[0..1]	Text		2107
	VerificationResult <VrfctnRsIt>	[0..*]	±		2107

47.1.31.3.1 Type <Tp>

Presence: [0..1]

Definition: Type of authentication or verification.

Datatype: "ExternalAuthenticationMethod1Code" on page 2146

47.1.31.3.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of authentication.

Datatype: "Max35Text" on page 2207

47.1.31.3.3 SubType <SubTp>

Presence: [0..1]

Definition: Type of authentication for a given method (for example, three domain authentication, scheme proprietary solution, type of cryptogram, etc.).

Datatype: "Max35Text" on page 2207

47.1.31.3.4 AdditionalInformation <AddtlInf>

Presence: [0..1]

Definition: Additional information about the verification.

Datatype: "Max35Text" on page 2207

47.1.31.3.5 VerificationResult <VrfctnRslt>

Presence: [0..*]

Definition: Result of verifications performed prior or after the transaction.

VerificationResult <VrfctnRslt> contains the following elements (see "VerificationResult2" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2104
	Entity <Ntty>	[0..1]	CodeSet		2104
	OtherEntity <OthrNtty>	[0..1]	Text		2105
	Result <Rslt>	[0..1]	CodeSet		2105
	OtherResult <OthrRslt>	[0..1]	Text		2106
	ResultDetails <RsltDtls>	[0..*]			2106
	Type <Tp>	[0..1]	Text		2106
	Value <Val>	[0..1]	Text		2106

47.1.31.4 Verification5

Definition: Method and data intended to be verified as well as the related results.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		2108
	OtherType <OthrTp>	[0..1]	Text		2108
	SubType <SubTp>	[0..1]	Text		2108
	VerificationInformation <VrfctnInf>	[0..*]	±		2108
	VerificationResult <VrfctnRslt>	[0..*]	±		2109

47.1.31.4.1 Type <Tp>

Presence: [0..1]

Definition: Type of authentication or verification.

Datatype: "ExternalAuthenticationMethod1Code" on page 2146

47.1.31.4.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of authentication or verification.

Datatype: "Max35Text" on page 2207

47.1.31.4.3 SubType <SubTp>

Presence: [0..1]

Definition: Type of authentication for a given method (for example, three domain authentication, scheme proprietary solution, type of cryptogram, etc.).

Datatype: "Max35Text" on page 2207

47.1.31.4.4 VerificationInformation <VrfctnInf>

Presence: [0..*]

Definition: Contains verification or authentication data.

VerificationInformation <VrfctnInf> contains the following elements (see "[VerificationInformation1](#)" on page 2102 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2102
	Value <Val>	[0..1]			2102
{Or	TextValue <TxtVal>	[1..1]	Text		2102
Or	BinaryValue <BinryVal>	[1..1]	Binary		2103
Or	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		2103
Or}	PINData <PINData>	[1..1]	±		2103
	Reason <Rsn>	[0..*]	Text		2103
	DateTime <DtTm>	[0..1]	DateTime		2104
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		2104
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		2104

47.1.31.4.5 VerificationResult <VrfctnRslt>

Presence: [0..*]

Definition: Result of verifications performed prior or after the transaction.

ISO 8583:93 bit 39

ISO 8583:2003 bit 39 & 49-72

VerificationResult <VrfctnRslt> contains the following elements (see "[VerificationResult2](#)" on page 2104 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		2104
	Entity <Ntty>	[0..1]	CodeSet		2104
	OtherEntity <OthrNtty>	[0..1]	Text		2105
	Result <Rslt>	[0..1]	CodeSet		2105
	OtherResult <OthrRslt>	[0..1]	Text		2106
	ResultDetails <RsltDtls>	[0..*]			2106
	Type <Tp>	[0..1]	Text		2106
	Value <Val>	[0..1]	Text		2106

47.2 Message Datatypes

47.2.1 Amount

47.2.1.1 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

47.2.2 Binary

47.2.2.1 Max100KBinary

Definition: Binary data of 100K maximum.

Type: Binary

Format

minLength	1
maxLength	102400

47.2.2.2 Max140Binary

Definition: Specifies a binary string with a maximum length of 140 binary bytes.

Type: Binary

Format

minLength	1
maxLength	140

47.2.2.3 Max20MbBinary

Definition: Binary data of 20 megabytes (20 Mb) maximum.

Type: Binary

Format

minLength	1
maxLength	20971520

47.2.2.4 Max2MBBinary

Definition: Binary data of 2MB maximum.

Type: Binary

Format

minLength	1
maxLength	2097152

47.2.2.5 Max3000Binary

Definition: Specifies a binary string with a maximum length of 3000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	3000

47.2.2.6 Max35Binary

Definition: Specifies a binary string with a maximum length of 35 binary bytes.

Type: Binary

Format

minLength	1
maxLength	35

47.2.2.7 Max5000Binary

Definition: Specifies a binary string with a maximum length of 5000 binary bytes.

Type: Binary

Format

minLength	1
maxLength	5000

47.2.2.8 Max500Binary

Definition: Specifies a binary string with a maximum length of 500 binary bytes.

Type: Binary

Format

minLength	1
maxLength	500

47.2.2.9 Min5Max16Binary

Definition: Specifies a binary string with a minimum length of 5 bytes, and a maximum length of 16 bytes.

Type: Binary

Format

minLength	5
maxLength	16

47.2.3 CodeSet

47.2.3.1 ActionDestination1Code

Definition: Destination of action to be performed.

Type: CodeSet

CodeName	Name	Definition
FILE	File	Data file
MOBL	Mobile	Mobile telephone
OTHN	OtherNational	Other type of destination for action defined at national level.
OTHP	OtherPrivate	Other type of destination for action defined at private level.
PECR	PersonalComputer	Personal computer.
POFS	PointOfSale	Point of sale terminal.

47.2.3.2 ActionTaken1Code

Definition: Type of action taken as a disposition of a reported card payment fraud.

Type: CodeSet

CodeName	Name	Definition
ACCP	Accepted	Reported fraud was accepted
OTHN	OtherNational	Reported fraud led to actions defined at national level.
OTHP	OtherPrivate	Reported fraud led to actions defined at private level.
RJCT	Rejected	Reported fraud was rejected.
WARN	Warning	Reported fraud was accepted with warnings.

47.2.3.3 ActionType10Code

Definition: Type of additional action to be performed.

Type: CodeSet

CodeName	Name	Definition
ACTV	Activate	Activate device or service.
DEAC	Deactivate	Deactivate device or service.
DISP	DisplayMessage	Message to display, print or log.
FUPD	FileUpdate	Update a data file.
PRNT	PrintMessage	Print a message.
SNDM	SendMessage	Send a message.

47.2.3.4 ActionType11Code

Definition: Action associated with a result.

Type: CodeSet

CodeName	Name	Definition
CNTI	ContactIssuer	Contact card issuer.
CNIS	ContactIssuerSpecialConditions	Refer to card issuer's special conditions.
CNTA	ContactAcquirer	Contact acquirer.
CNAS	ContactAcquirerSecurity	Card acceptor to call acquirer's security department.
CPTR	CaptureCard	Capture the card.
CHDV	CardholderVerification	Additional verification of cardholder required.
VIPM	VIPAccountManagement	Manage account as a VIP one.
TRCK	UpdateTrack	Track provided in the response must be updated on the card.
TRXR	ReEnterTransaction	Transaction to be re-entered.
OTHN	OtherNational	Other action defined at national level.
OTHP	OtherPrivate	Other action defined at private level
SIGN	Signature	Signature required.

47.2.3.5 ActionType8Code

Definition: Recommended action for the card issuer.

Type: CodeSet

CodeName	Name	Definition
APPV	Approve	Approve the transaction.
BLCK	BlockCard	Block the card.
CPTR	CaptureCard	Capture the card.
DCLN	Decline	Decline the transaction.
RQID	IdentificationRequired	Additional identification required (passport, ID card, etc.).
NDCL	NoReasonForDecline	No reason for declining the transaction.

CodeName	Name	Definition
RFRL	Referral	Referral has to be performed.
OTHN	OtherNational	Other action defined at national level.
OTHP	OtherPrivate	Other action defined at private level
STUA	StepUpAuthentication	Further authentication required (e.g. one-time password)

47.2.3.6 AddendumTaxType2Code

Definition: Specifies the specific type of tax applicable to a transaction.

Type: CodeSet

CodeName	Name	Definition
TOTL	TotalTaxes	Total of all applicable taxes
ALMI	AlternativeMinimumTax	Tax is an alternative minimum tax.
ASNT	Assessment	Assessment
BPTX	BusinessPrivilegeTax	Tax imposed on non-American Indian businesses for the privilege of conducting business on an American Indian Reservation
KAPA	CapitalGainTax	Tax is on a capital gain (realised and unrealised), that is, the profit that is gained from the sale of a financial instrument.
NKAP	CapitalLossCredit	Tax recovery is due to capital loss.
CRTX	CityRentalTax	Levied by a city government against the periodic fee paid by a customer in return for the right to use the property of another party.
CSTX	CitySalesTax	Sales tax imposed by a city
CITX	CityTax	Service tax imposed by a city
COAX	ConsumptionTax	Tax that is levied on goods and services purchased by customers, and is added to the retail price.
CPST	CountyParishSalesTax	Service tax imposed by a County or Parish
CORT	CountyRentalTax	Levied by a county government against the periodic fee paid by a customer in return for the right to use the property of another party.
COTX	CountyTax	Service tax levied by a county
CUST	CustomsTax	Tax levied on imports or exports by a country's customs authority.
DLTX	DefaultLabourTax	Default Labour Tax
DUTY	Duty	A tax levied on goods that typically though not exclusively transit across a geographic border.

CodeName	Name	Definition
EMIT	EmergencyAssistanceCityTax	Tax levied by a city to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
EMUT	EmergencyAssistanceCountyTax	Tax levied by a county to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
EMET	EmergencyAssistanceExciseTax	Usage tax levied to recover the cost of telephone emergency assistance service (for example, 112, 911, 999).
EMST	EmergencyAssistanceStateTax	Tax levied by a state to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
EMRT	EmergencyAssistanceTax	Tax levied to recover the cost of providing telephone emergency assistance service (for example, 112, 911, 999).
ENTX	EnergyTax	Tax applied to the utility and petroleum industries.
ESET	EnhancedEmergencyAssistanceStateExciseTax	Tax levied by a state to recover the cost of providing enhanced telephone emergency assistance services (for example, 112, 911, 999) such as automatic call identification.
ENVT	EnvironmentalTax	Tax levied on activities which are considered to have negative impacts on an environment.
EQUL	Equalisation	Part of an investor's subscription amount that is held by the fund in order to pay incentive / performance fees at the end of the fiscal year.
EQTX	EquipmentTax	Equipment Tax
EUTR	EUTaxRetention	Tax withheld at source in the framework of the European Directive on taxation of savings in the form of interest payments.
EXEC	ExecutingBrokerCommission	Executing broker's commission amount.
FEXT	FederalExciseTax	Excise tax levied by a federal government.
FNST	FederalNationalSalesTax	Federal or National Sales Tax.
FETX	FederalTax	Usage tax levied by federal (US and Canadian) government.
FVAT	FederalValueAddedTax	Federal Value-Added Tax (GST).
FVTS	FederalValueAddedTaxOnServices	Federal Value-Added Tax (GST) on Services
FIMT	FICAMedicareTax	USA Federal Insurance Contributions Act tax levied to assist in the funding of Medicare.

CodeName	Name	Definition
FSST	FICASocialSecurityTax	USA Federal Insurance Contributions Act tax levied to assist in the funding of social security.
FICA	FICATax	USA Federal Insurance Contributions Act tax.
FRTX	FranchiseTax	Tax levied by a municipality, on certain types of businesses for the right to exist as a legal entity and conduct business in a particular jurisdiction.
FSTX	FuelSpillTax	Fuel Spill Tax.
FSFT	FuelSuperFundTax	USA federal tax levied on certain types of businesses to provide funding for cleanup of hazardous waste sites.
FUVT	FullVAT	Value Added Tax calculated at the full tax rate.
GIFT	GiftTax	Tax that is levied on assets given to individuals prior to the death of the donor. Gift tax is designed to ensure the integrity of the inheritance tax, preventing the pre-death transfer of wealth.
GCAT	GoodsAndServicesTax	Goods and Services Tax - Canadian value-added tax.
GRTX	GrossReceiptsTax	Gross Receipts Tax.
HVAT	HalfVAT	Value Added Tax calculated at the half tax rate.
HATX	HandicapTax	Tax assessed to assist the handicapped.
HSTX	HarmonizedSalesTax	Harmonized Sales Tax (HST).
HWTX	HazardousWasteTax	Tax levied on entities that produce, store, treat, transport or otherwise manage hazardous wastes and materials.
INHT	InheritanceTax	Tax that is payable at the time of death on any items (money or otherwise), where ownership changes either upon death or within a legally specified number of years before death.
INPO	InterimProfitTax	Tax levied on the sum of all earnings/ revenues accrued since the last dividend distribution.
LTTX	LabourByTradeTax	Labour by Trade Tax
FLST	LeakyUndergroundStorageTankTax	Federal tax levied in the USA to fund the clean-up activities associated with leaking underground storage tanks.
LITX	LicenseTax	Tax levied by a government agency for the granting of a license to conduct an activity, such as driving a car, operating a business, selling liquor, hunting, or practicing certain vocations.

CodeName	Name	Definition
LOCO	LocalBrokerCommission	Local broker's commission amount.
LSTX	LocalSalesTax	All applicable sales taxes levied by taxing authorities below the state level. Used only for sales tax.
LOCL	LocalTax	Service tax levied by a local government or taxation agency. Not a sales tax.
LUTX	LuxuryTax	Ad valorem tax levied on products or services that are deemed to be non-essential or unneeded.
MATX	MaterialTax	Material Tax
METX	MetropolitanTransitTax	Metropolitan Transit Tax
MITX	MinimumTax	Minimum Tax
MUTX	MunicipalTax	Service tax imposed by a municipality.
MUDE	MutuallyDefinedTax	Mutually Defined
COUN	NationalFederalTax	Tax is a country, national, or federal tax usually levied by the custodian.
NATI	NationalTax	Tax is a national tax.
OCTX	OccupancyTax	Tax levied for the privilege of occupying space for home or rental for a fixed period of time, as determined by a taxing authority.
OPTX	OccupationalTax	Type of gross receipts tax imposed for the privilege of carrying on a business, trade or profession.
OTHR	Other	Other type of tax not elsewhere classified.
OTHN	OtherNational	Other national use defined value
OTHP	OtherPrivate	Other private use defined value
OTTX	OtherTaxes	Other taxes
LEVY	PaymentLevyTax	Tax levied on a payment.
POTX	PostThresholdTax	Post-threshold Tax
PRTX	PreThresholdTax	Pre-threshold tax
PSTX	ProductAndServicesTax	Tax levied on products and services
PPTX	PropertyTax	Ad valorem property tax levied on real or personal property by local government units such as counties, municipalities, school districts, and special taxing districts.
PROV	ProvincialTax	Provincial tax
PHET	PublicHealthAndEducationTax	Canadian tax levied to fund public care and education.
QUST	QuebecSalesTax	Quebec Sales Tax (QST)
ROCI	RoomCity	Room City

CodeName	Name	Definition
RCSB	RoomCountrySubdivision1	Room Country Subdivision1
RCSD	RoomCountrySubdivision2	Room Country Subdivision2
ROTX	RoomTax	Room Tax
RVAT	RoomVAT	Room VAT
ROVI	RoomVisitor	Room Visitor
SAUT	SalesAndUseTax	Tax levied for the use of equipment and service provided
SCTX	SchoolTax	Tax levied by taxing authority for schools
SPTX	SecondaryPercentageTax	Secondary Percentage Tax
STTA	StadiumTax	Stadium Tax
STAM	StampDuty	Tax levied on certain types of documents and transactions.
SLST	StateAndLocalSalesTax	State and Local Sales Tax
SLTX	StateAndLocalTax	State and local tax levies, exclusive of state and local sales tax.
SETX	StateExciseTax	Usage tax imposed by state or provincial government authorities.
STPT	StateOrProvincialTax	Sales tax levied by a State or Province that excludes sales or excise taxes.
SPTS	StateOrProvincialTaxOnServices	State or Provincial tax on services
SPFT	StateProvincialFuelTax	State or Provincial Fuel Tax
SPTG	StateProvincialTaxOnGoods	State or Provincial Tax on Goods
SRTX	StateRentalTax	Tax levied by a state government against a periodic fee paid by a customer in return for the right to use the property of another party.
SSTX	StateSalesTax	State Sales Tax
STAT	StateTax	State tax.
STSL	StateTaxOnSpecificLabour	State Tax on Specific Labour
STEX	StockExchangeTax	Tax levied by a stock exchange.
SUTX	Surtax	Surtax
CTAX	TaxCredit	Direct reduction of an individual's tax liability.
TDDT	TDDServiceExciseTax	Excise tax levied to recover the cost of providing Telecommunications Device for the Deaf (TDD) Equipment.
TELT	TelecommunicationsTax	Tax levied on telecommunications companies for the right to provide services. May be a usage or excise tax.
THTX	ThresholdTax	Threshold Tax
TRAX	TransactionTax	Tax levied on a transaction.

CodeName	Name	Definition
TRAN	TransferTax	Tax levied on a transfer.
UNSP	Unspecified	Unspecified tax type
UUTX	UtilityUsersTax	Tax levied on consumers by a city or county for the use of natural gas.
VATA	ValueAddedTax	Value added tax
VATB	ValueAddedTaxOfZeroRate	Tax for which a zero rate applies.
WTAX	WealthTax	Tax levied only when the value of assets or categories of assets owned by an entity are above a given limit as defined by the tax authority. Wealth tax is not linked to income.
WESV	WellService	Well Service
WITF	WithholdingOfForeignTax	Rate at which the income will be withheld by the jurisdiction in which the income was originally paid, for which relief at source and/or reclaim may be possible.
WITL	WithholdingOfLocalTax	Rate at which the income will be withheld by the jurisdiction in which the account owner is located, for which relief at source and/or reclaim may be possible.
WITH	WithholdingTax	Income tax withheld or deducted from the amount due to the recipient, and paid to the government by the payer rather than the recipient. May apply to salaries, interest, and other types of proceeds.
TNRT	TotalNonRoomTax	Tax levied on non-room expenditures.

47.2.3.7 AdditionalIdentificationType1Code

Definition: Contains the additional identification type, for example NAICS, etc.

Type: CodeSet

CodeName	Name	Definition
OTHP	OtherPrivate	Other Additional Identification defined at a private level.
OTHN	OtherNational	Other Additional Identification defined at a national level.
ICSN	NAICS	Contains the North American Industry Classification System (NAICS) code assigned to the card acceptor.
ATNU	AustinTetra	Contains the Austin-Tetra Number assigned to the card acceptor.

47.2.3.8 AdditionalServiceResult1Code

Definition: Identifies the result of the service performed.

Type: CodeSet

CodeName	Name	Definition
NOPF	NotPerformed	The service was not performed.
NOSP	NotSupported	The service is not supported and could not be performed.
OTHN	OtherNational	Other nationally defined code.
OTHP	OtherPrivate	Other privately defined code.
PERF	Performed	The service was performed.

47.2.3.9 AdditionalServiceType2Code

Definition: Type of additional service.

Type: CodeSet

CodeName	Name	Definition
CACT	CardActivation	Card activation
CSHB	CashBack	Purchase of goods or services with cashback
DCCV	DCC	Dynamic Currency Conversion (DCC)
INTP	InstantPayment	Instant payment from a cardholder's account to an acceptor's account
INTT	InstantTransfer	Instant transfer of funds from a payer's account to a payee's account.
LOYT	Loyalty	Loyalty services
OTHN	OtherNational	Other type of additional service at national level
OTHP	OtherPrivate	Other type of additional service at private level
PRST	PreStagedTransaction	Withdrawal transaction was pre-authorised by another channel (amount could be absent).
BALC	AccountBalance	Return the account balance with the transaction.

47.2.3.10 AdministrativeType1Code

Definition: Code that specifies the administrative type.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other administrative type defined at national level.
OTHP	OtherPrivate	Other administrative type defined at private level.
TEXT	TextMessage	Text message.

47.2.3.11 Algorithm11Code

Definition: Identification of a digest algorithm.

Type: CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).

47.2.3.12 Algorithm13Code

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).
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).
EA9C	AES192CBC	AES (Advanced Encryption Standard) CBC (Chaining Block Cypher) encryption with a 192 bits cryptographic key as defined by the Federal Information

CodeName	Name	Definition
		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).

47.2.3.13 Algorithm16Code

Definition: Identification of a digest algorithm.

Type: CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).
HS01	SHA1	The DEPRECATED Message digest algorithm SHA-1 as defined in FIPS 180-1 - (ASN.1 Object Identifier: id-sha1).
SH31	SHA3-224	Message digest algorithm SHA3-224 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-224).
SH32	SHA3-256	Message digest algorithm SHA3-256 as defined in FIPS 202 - (ASN.1 Object Identifier: id-sha3-256).
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).

47.2.3.14 Algorithm17Code

Definition: Cryptographic algorithms for the MAC (Message Authentication Code).

Type: CodeSet

CodeName	Name	Definition
MACC	RetailCBCMAC	Retail CBC (Chaining Block Cypher) MAC (Message Authentication Code) (cf. ISO 9807, ANSI X9.19) - (ASN.1 Object Identifier: id-retail-cbc-mac).
MCCS	RetailSHA256MAC	Retail-CBC-MAC with SHA-256 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-256).
CMA1	SHA256CMACwithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-256 digest of the message.
MCC1	RetailSHA1MAC	The DEPRECATED Retail-CBC-MAC with SHA-1 (Secure Hash standard) - (ASN.1 Object Identifier: id-retail-cbc-mac-sha-1).
CMA9	SHA384CMACwithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA-384 digest of the message.
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).

CodeName	Name	Definition
		The CMAC algorithm is computed on the SHA-256 digest of the message.
CM31	SHA3-256CMACWithAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 128 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-256 digest of the message.
CM32	SHA3-384CMACWithAES192	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 192 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-384 digest of the message.
CM33	SHA3-512CMACWithAES256	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and Technology (NIST 800-38B - May 2005), using the block cipher Advanced Encryption Standard with a 256 bits cryptographic key, approved by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard). The CMAC algorithm is computed on the SHA3-512 digest of the message.
MCS3	SHA3-256-3DESMAC	3DES CBC-MAC with SHA3-256 (SecureHash standard) and ISO/IEC9797-1 method 2 padding.
CCA1	CMACAES128	CMAC (Cipher based Message Authentication Code) defined by the National Institute of Standards and 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

CodeName	Name	Definition
		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).

47.2.3.15 Algorithm18Code

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).
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).
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 -

CodeName	Name	Definition
		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 PUB 81 - (ASN.1 Object Identifier: des-cbc).

47.2.3.16 Algorithm19Code*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).
ECC5	EllipticCryptographicCurveFifthAlgoritihm	Fifth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC1	EllipticCryptographicCurveFirstAlgorithm	First Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC4	EllipticCryptographicCurveFourthAlgorithm	Fourth Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC2	EllipticCryptographicCurveSecondAlgorithm	Second Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ECC3	EllipticCryptographicCurveThirdAlgorithm	Third Elliptic Cryptographic Curve Algorithm identified by EMVCo Nextgen.
ERS3	SHA3-256WithRSA	Signature algorithms with RSA, using SHA3-256 digest algorithm. (ASN.1 Object Identifier: id-rsassa-pkcs1-v1-5-with-sha3-256).
ECP2	SignatureWithEllipticCurveP-256	Elliptic Curve Signature with the Curve P-256 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP3	SignatureWithEllipticCurveP-384	Elliptic Curve Signature with the Curve P-384 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).
ECP5	SignatureWithEllipticCurveP-512	Elliptic Curve Signature with the Curve P-512 as defined by the Federal Information Processing Standards (FIPS 186-4 - July, 2013 - Digital Signature Standard).

47.2.3.17 Algorithm20Code*Definition:* Identification of a digest algorithm.*Type:* CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).

47.2.3.18 Algorithm23Code

Definition: Cryptographic algorithms for encryptions with a symmetric cryptographic key.

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).
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).
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).
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).

CodeName	Name	Definition
EA5R	AES256CTR	AES (Advanced Encryption Standard) CTR (Counter) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
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).

47.2.3.19 Algorithm5Code

Definition: Cryptographic algorithms for digests.

Type: CodeSet

CodeName	Name	Definition
HS25	SHA256	Message digest algorithm SHA-256 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha256).
HS38	SHA384	Message digest algorithm SHA-384 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha384).
HS51	SHA512	Message digest algorithm SHA-512 as defined in FIPS 180-1 and 2 - (ASN.1 Object Identifier: id-sha512).

47.2.3.20 Algorithm7Code

Definition: Asymmetric encryption algorithm of a transport key.

Type: CodeSet

CodeName	Name	Definition
ERSA	RSAEncryption	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).

47.2.3.21 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).

47.2.3.22 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).

47.2.3.23 AuthenticationMethod12Code

Definition: Type of authentication method.

Type: CodeSet

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account-based digital signature authentication.
ADVF	AddressDigits	Digits of the address.
ARNB	AlienRegistrationNumber	Number assigned by a government agency to identify foreign nationals.
ARPC	ARPCVerification	Response Card Cryptogram (ARPC) verification.

CodeName	Name	Definition
ARQC	ARQCVerification	Verification of a cryptogram generated by a chip card, for instance an ARQC (Authorisation Request Cryptogram).
ATCC	ATC	Application Transaction Counter
BTHD	BirthDate	Date of birth of a person.
CHSA	CardholderAddress	Verification whether the address corresponds to the cardholder's one.
CHDN	CardholderName	Name of cardholder
CUID	CustomerIdentification	Customer number used as a mechanism of authentication.
DRVI	DriverIdentification	Identification of a driver in a fleet of vehicles.
DRLN	DriverLicenseNumber	Number assigned by a driving license authority to a person driving a car.
EMAL	Email	Electronic mail address
EMIN	EmployeeIdentificationNumber	Number assigned to an employee by an employer.
EMRN	EmployerIdentificationNumber	Number assigned to an employer by a registration authority.
IDCN	IdentityCardNumber	Number assigned by a national authority to an identity card.
MANU	ManualVerification	Manual verification, for example passport or drivers license.
NVSC	NonVisibleCSC	Non visible Card Security Code.
FBIG	OffLineBiographics	Biographics authentication in an offline mode.
FBIO	OffLineBiometrics	Biometrics authentication in an offline mode
OLDA	OffLineDataAuthentication	Authentication of data in an offline mode
OLDS	OffLineDigitisedSignatureAnalysis	Analysis of signature transmitted offline
OFPE	OffLinePINEncrypted	PIN generated offline and transmitted encrypted
FCPN	OffLinePINInClear	PIN generated offline and transmitted in clear
OTPW	OneTimePassword	Verification of a one-time password provided by the issuer.
NBIG	OnLineBiographics	Biographics authentication in an online mode.
NPIN	OnLinePIN	On-line PIN authentication (Personal Identification Number).
OCHI	OtherCardholderIdentification	Other cardholder data provided for identification.
OTHN	OtherNational	Other type of verification defined at national level.

CodeName	Name	Definition
OTHP	OtherPrivate	Other type of verification defined at private level
PPSG	PaperSignature	Handwritten paper signature.
PSVE	PassiveAuthentication	Authentication based on statistical cardholder behaviour.
PASN	PassportNumber	Number assigned by a passport authority to a passport.
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.
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature
PLOB	PlaceOfBirth	Place of birth of a person.
PCDV	PostalCode	Verification based on digits of the postal code.
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.
SHAF	ShippingAddressFrom	Shipping address from verification.
SHAT	ShippingAddressTo	Shipping address to verification
CPSG	SignatureCapture	Electronic signature capture (handwritten signature).
SSNB	SocialSecurityNumber	Number assigned by a social security agency.
TXIN	TaxIdentificationNumber	Number assigned by a tax authority to an entity.
TOKA	AuthenticationToken	A token is used to verify an already performed authentication.
CDHI	CardholderIdentificationData	Cardholder data provided for verification, for instance social security number, driver license number, passport number.
TOKN	TokenAuthentication	Cryptogram generated by the token requestor or a customer device to validate the authorised use of a token.
QWAC	QualifiedCertificate	QualifiedCertificate
PHOM	PhoneHome	Customer home phone number.
PWOR	PhoneWork	Customer work phone number
THDS	ThreeDS	Authentication performed during a secure electronic commerce transaction.

CodeName	Name	Definition
ADDB	BillingAddressVerification	Cardholder billing address verification.
ADDS	ShippingAddressVerification	Cardholder shipping address verification.
CSCV	CSCVerification	Verification of Card Security Code.
CRYP	CryptogramVerification	Verification of a cryptogram generated by a chip card or another device, for instance ARQC (Authorisation Request Cryptogram).
BIOM	Biometry	Biometric authentication of the cardholder.
MOBL	Mobile	Customer mobile device.
FPIN	OfflinePIN	Off-line PIN authentication (Personal Identification Number).
NTID	NationalIdentifier	Nationally assigned identifier.
ACSN	AcceptorCertificateSerialNumber	Serial number of the acceptor's certificate.
CHSN	CardholderCertificateSerialNumber	Serial number of the cardholder's certificate.

47.2.3.24 BalanceType15Code

Definition: Type of balance.

Type: CodeSet

CodeName	Name	Definition
AMOH	AmountOnHold	Amount put on hold.
AMTO	AmountOwing	Amount of money owed
AMTD	AmountDue	Amount of money due.
CRDL	CreditLine	Credit line available.
OTHN	OtherNational	Other type of balance defined at national level
OTHP	OtherPrivate	Other type of balance defined at private level.
AVLB	Available	Balance of money or securities that is at the disposal of the account owner on the date specified.
CLRI	ClearedItem	Cleared items balance.
LDGR	Ledger	Ledger balance refers to posted transactions (e.g. limit authorisation amount - posted transactions).
PNTS	Points	Value expressed in points.

47.2.3.25 BatchManagementType2Code

Definition: Type of batch management activity.

Type: CodeSet

CodeName	Name	Definition
AKRQ	AcknowledgementRequest	Acknowledgement requested by the originator to the destination (used with a notification message exclusively).
AKRP	AcknowledgementResponse	Acknowledgement response by the destination to the originator (used with a notification message exclusively).
ENDB	End	End of a collection or batch by the originator (used with a request message exclusively).
IDNT	IdentificationList	Contains a list of batch or collection identifications.
OTHN	OtherNational	Any other type of batch management transaction defined at national level.
OTHP	OtherPrivate	Any other type of batch management transaction defined at private level.
RERQ	ResendRequest	A request to resend a batch or collection.
STRT	Start	Initiation of a collection or batch by the originator (used with a request message exclusively).

47.2.3.26 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.

47.2.3.27 CardDataReading10Code

Definition: Card reading capabilities of the terminal performing the transaction.

ISO 8583:93 bit 22-2, ISO 8583:2003 bit 27-1

Type: CodeSet

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MICR	MagneticInkCharacterRecognition	Recognition of magnetic ink characters
MLEY	ManualEntry	Manual, no terminal used.
OCRR	OpticalCharacterRecognition	OCR either at time of transaction or after the event.
MSIP	MSIPProximity	Magstripe image contactless proximity
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
OTHN	OtherNational	Other national capability type assigned at national level.
RFID	RFIDTag	Radio Frequency Identification tag capabilities.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
KEEN	KeyEntered	Key entered.
DFLE	AccountData	Account data on file.

47.2.3.28 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.

47.2.3.29 CardDataReading9Code

Definition: Method used to obtain card payment information.

Type: CodeSet

CodeName	Name	Definition
UNKW	Unknown	Unknown card reading capability.
OTHN	OtherNational	Other national capability type assigned at national level.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
CAMR	Camera	Card details captured via camera.
KEEN	KeyEntered	Key entered.
ICPY	ICCPximity	ICC contactless proximity
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
CDFL	CardOnFile	Card information are stored on a file.
MBNK	MobileBankingApplication	Card details were obtained via a mobile banking application.
TOKN	Token	Card details were obtained via a token.
ICCY	ICCContact	ICC contact capability

47.2.3.30 CardDataWriting1Code

Definition: Card writing capabilities of the terminal performing the transaction.

ISO 8583:93 bit 22-10, ISO 8583:2003 bit 27-8_9

Type: CodeSet

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MSIP	MSIPximity	Magstripe image contactless proximity
OTHN	OtherNational	Other national capability type assigned at national level.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.

47.2.3.31 CardDepositType1Code

Definition: Contains the type of deposit.

Type: CodeSet

CodeName	Name	Definition
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
ENVL	Envelope	Envelope
CHEC	Cheque	Cheque
CASH	Cash	Cash

47.2.3.32 CardholderVerificationCapability5Code

Definition: Capability of verifying the cardholder's identity or authenticity.

Type: CodeSet

CodeName	Name	Definition
APKI	AccountDigitalSignature	Account based digital signature.
NOVF	NoCapabilities	No cardholder verification capability.
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).
NBIO	OnLineBiometrics	Online biometrics.
NPIN	OnLinePIN	Online PIN (Personal Identification Number).
OTHN	OtherNational	Other type of cardholder verification defined at national level
OTHP	OtherPrivate	Other type of cardholder verification defined in a private manner.
SIGN	Signature	Handwritten signature verification
UNSP	Unspecified	Cardholder verification capability unspecified.
VORN	VoiceRecognition	Recognition by voice.
PKIS	PKISignature	PKI (Public Key Infrastructure) based digital signature.
NOPN	NoPINEntry	Device has no pin entry capability.
NOOP	NoOnLinePINEntry	Device has no online pin entry capability.

47.2.3.33 CardSecurityCapability1Code

Definition: Card security code list.

Type: CodeSet

CodeName	Name	Definition
ICCD	ICC	Card contains an integrated circuit card.
MWOS	MagneticStripeWithoutSecurityCode	Card does not contain a card security code in the magstripe
MSWS	MagneticStripeWithSecurityCode	Card contains a card security code in the magstripe
OTHN	OtherNational	Other type of card defined at national level.
OTHP	OtherPrivate	Other type of card defined at private level.
OLPN	OffLinePIN	Off line PIN card

47.2.3.34 CardServiceType4Code

Definition: Type of reconciliation.

Type: CodeSet

CodeName	Name	Definition
PART	CheckPoint	Partial reconciliation of the day.
FINL	Final	Final reconciliation.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.

47.2.3.35 CardServiceType5Code

Definition: Type of key exchange.

Type: CodeSet

CodeName	Name	Definition
KYDL	DeliverKey	Convey the key to the receiver.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.
DEKY	DeactivateKey	Deactivate the specified key.
RQKY	RequestKey	Request new key to be generated and conveyed.

47.2.3.36 CarRentalActivity1Code

Definition: Type of car rental activity.

Type: CodeSet

CodeName	Name	Definition
CARS	CarSharing	Company specialised in car sharing activities.
GLBL	Global	Global car rental activities.
INDV	Individual	Individual renting a car.

CodeName	Name	Definition
PETP	PeerToPeer	Peer to peer car rental activities.
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
OTHR	Other	Other type of car rental activity.

47.2.3.37 CarRentalServiceType2Code

Definition: Car rental service in addition to main car rental.

Type: CodeSet

CodeName	Name	Definition
ADJM	Adjustment	Rental amount adjustment
AUTH	Authorised	Authorised amount
BAST	BabySeat	Baby seat.
CLEA	Cleaning	Extra charges due to the need to clean the car.
DMGS	Damage	Charge for damages
DLVR	Delivery	Charge for delivery of rental vehicle
DPOF	DropOff	Drop off charges
ENTE	Entertainment	Entertainment
EXTC	ExtraCharges	Extra charges
EXDY	ExtraDays	Charges for extra days
EXDI	ExtraDistance	Charges for additional distance
EXHR	ExtraHours	Charges for extra hours
FINE	Fines	Police and related fines or violation fees reinviced by vehicle rental company.
FUEL	Fuel	Fuel
GARA	Garage	Garage
GPSY	GlobalPositioningSystem	Global Positioning System (GPS)
INSU	Insurance	Insurance
LATE	LateReturn	Car returned late.
LIIN	LiabilityInsurance	Charges for liability insurance
LDIN	LossDamageInsurance	Charges for Loss Damage Insurance
MISC	Miscellaneous	Miscellaneous charges
NAVI	Navigation	Charges for navigation system
NOSH	NoShow	Customer no-show charges.
ONEW	OneWay	Drop-off charges.
OTHN	OtherNational	Other National
OTHP	OtherPrivate	Other Private

CodeName	Name	Definition
PARK	Parking	Parking charges.
PRIN	PersonalAccidentInsurance	Personal Accident Insurance
PFIN	PersonalEffectsInsurance	Personal Effects Insurance
PHON	Phone	On-board telephone service.
REGD	RegularDistance	Charges for regular distance
SMOK	Smoking	Extra charges due to smoking in the car.
TOLL	Tolls	Charges for tolls
TOWI	Towing	Extra charges due to car towing.

47.2.3.38 ClearingMethod2Code

Definition: Type of clearing method used for card payment services.

Type: CodeSet

CodeName	Name	Definition
DAYC	Day	Day clearing.
DFRD	Deferred	Clearing to be deferred in time.
INST	Instant	Clearing for instant payments and transfers.
OTHN	OtherNational	Other type of clearing method defined at national level.
OTHP	OtherPrivate	Other type of clearing method defined at private level.
RLTM	RealTime	Clearing done in real time.

47.2.3.39 CompanyAssigner2Code

Definition: Party in charge of assigning an identification to a company.

Type: CodeSet

CodeName	Name	Definition
ASSO	Association	Any relevant association in charge of assigning an identification to a company.
AUTH	Authority	Legal authority assigning an identification to a company (for example, a local, regional or national authority).
CPNY	Company	Identification assigned by the company itself.
LEII	LEI	Legal Entity Identifier.
TRAG	TravelAgency	Identification assigned by a travel agency.
OTHP	OtherPrivate	Other company assigner entity defined at private level.

CodeName	Name	Definition
OTHN	OtherNational	Other company assigner entity defined at national level.

47.2.3.40 ContentType2Code

Definition: Identification of the type of a Cryptographic Message Syntax (CMS) data structure.

Type: CodeSet

CodeName	Name	Definition
DATA	PlainData	Generic, non cryptographic, or unqualified data content - (ASN.1 Object Identifier: id-data).
SIGN	SignedData	Digital signature - (ASN.1 Object Identifier: id-signedData).
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

47.2.3.41 ContentType3Code

Definition: Identification of the type of protection for a protected data.

Type: CodeSet

CodeName	Name	Definition
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
IFSE	ISOFinancialServicesDataEncryption	General data encryption that conforms to the ISO 13492 standard.

47.2.3.42 CorporateTaxType1Code

Definition: Indicates the corporate tax identification type.

Type: CodeSet

CodeName	Name	Definition
SMBS	SmallBusiness	Small Business
OTHR	Other	Other
CORP	Corporate	Corporate

47.2.3.43 CreditDebit3Code

Definition: Specifies if an operation is an increase or a decrease.

Type: CodeSet

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.2.3.44 CryptographicKeyType3Code

Definition: Codes for qualifying the type of cryptographic keys.

Type: CodeSet

CodeName	Name	Definition
AES2	AES128	AES (Advanced Encryption Standard) 128 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE3	DES112	Data encryption standard key of 112 bits (without the parity bits).
DKP9	DUKPT2009	DUKPT (Derived Unique Key Per Transaction) key, as specified in ANSI X9.24-2009 Annex A.
AES9	AES192	AES (Advanced Encryption Standard) encryption with a 192 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
AES5	AES256	AES (Advanced Encryption Standard) encryption with a 256 bits cryptographic key as defined by the Federal Information Processing Standards (FIPS 197 - November 6, 2001 - Advanced Encryption Standard).
EDE4	DES168	Data encryption standard key of 168 bits (without the parity bits).

47.2.3.45 CustomerAssigner1Code

Definition: Party assigning an identification to a customer.

Type: CodeSet

CodeName	Name	Definition
AUTH	Authority	Legal authority assigning an identification.
CRCY	Company	Company assigning an identification to a customer.
CUST	Customer	Company for which the customer is on duty.
ONFL	OnFile	On file identification.
OTHR	Other	Other party assigning an identification.
TRAY	TravelAgency	Travel agency assigning an identification.

47.2.3.46 CustomerDeviceType2Code

Definition: Type of customer device.

Type: CodeSet

CodeName	Name	Definition
MOBL	Mobile	Mobile phone
OTHN	OtherNational	Other device defined at national level
OTHP	OtherPrivate	Other device defined in a private way.
PECR	PersonalComputer	Personal computer
TBLT	Tablet	Tablet
NSCR	NonSecureCardReader	Non-secure card reader attached to the customer device.
SECR	SecureCardReader	Secure card reader attached to the customer device
EMBD	Embedded	Embedded in a device.
VHCL	Vehicle	Vehicle.
WRBL	Wearable	Wearable device.
WATC	Watch	Watch
GAMB	GamingDevice	Gaming Device
JEWL	Jewellery	Jewellery
KFOB	KeyFob	Key Fob
STIC	Sticker	Sticker
UNKW	Unknown	Device type unknown

47.2.3.47 CustomerType2Code

Definition: Type of customer.

Type: CodeSet

CodeName	Name	Definition
CSMR	Consumer	Consumer
CPNY	Company	Company

47.2.3.48 DetailAmount2Code

Definition: Type of detail amount.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other type of amount defined at national level
OTHP	OtherPrivate	Other type of amount defined at private level

CodeName	Name	Definition
SRCH	Surcharge	Fee charged by the acceptor for the transaction.

47.2.3.49 DeviceIdentificationType1Code

Definition: Type of device identification.

Type: CodeSet

CodeName	Name	Definition
IMEI	IMEI	International Mobile Equipment Identity.
OTHN	OtherNational	Other nationally assigned code.
OTHP	OtherPrivate	Other privately assigned code.
SEID	SecureElementIdentification	Secure element ID.
SENU	SerialNumber	Device serial number.

47.2.3.50 DeviceOperatingSystemType1Code

Definition: Type of operating system deployed on device.

Type: CodeSet

CodeName	Name	Definition
DROI	Android	Android operating system.
BLCK	Blackberry	Blackberry operating system.
IOSS	iOS	iOS operating system.
OTHN	OtherNational	Other nationally defined code.
OTHP	OtherPrivate	Other privately defined code.
TIZN	Tizen	Tizen operating system.
WIND	Windows	Windows operating system.

47.2.3.51 EncryptedDataFormat1Code

Definition: Format used for encrypted data.

Type: CodeSet

CodeName	Name	Definition
ASCI	ASCII	ASCII Format.
BINF	Binary	Binary format.
EBCD	EBCDIC	EBCDIC format.
HEXF	HEX	HEX Format.
OTHN	OtherNational	Other format defined at national level.
OTHP	OtherPrivate	Other type of format defined at private level.

47.2.3.52 EncryptionFormat2Code

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Type: CodeSet

CodeName	Name	Definition
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
I238	ISO20038KeyWrap	Format of a cryptographic key specified by the ISO20038 standard.

47.2.3.53 EncryptionFormat3Code

Definition: Format of data before encryption, if the format is not plaintext or implicit.

Type: CodeSet

CodeName	Name	Definition
TR34	TR34	Format of a cryptographic key specified by the ANSI X9 TR-34 standard.
TR31	TR31	Format of a cryptographic key specified by the ANSI X9 TR-31 standard.
CTCE	CTCE	CTC encryption mode.
CBCE	CBC	Cipher Block Chaining mode of encryption

47.2.3.54 Endpoint1Code

Definition: Defines the type of endpoint.

Type: CodeSet

CodeName	Name	Definition
DEST	Destination	Destination
ORIG	Origination	Origination
OTHP	OtherPrivate	Type specified at a private level.
OTHN	OtherNational	Type specified at the national level.

47.2.3.55 ExchangeRateAgreementType1Code

Definition: Type of exchange rate agreement.

Type: CodeSet

CodeName	Name	Definition
FWCT	ForwardContract	Forward contract exchange rate type.
NORM	Normal	Normal exchange rate agreement type.
OTHN	OtherNational	Other exchange rate agreement type defined at national level.

CodeName	Name	Definition
OTHP	OtherPrivate	Other exchange rate agreement type that is privately defined.
SPOT	Spot	Spot agreement exchange rate type.

47.2.3.56 ExchangeRateType2Code

Definition: Code used to define the type of the currency exchange.

Type: CodeSet

CodeName	Name	Definition
SELL	Sell	Exchange rate is the Sell rate.
OTHP	OtherPrivate	Exchange rate type is privately defined.
OTHN	OtherNational	Exchange rate type that is defined at the National level.
MIDL	Middle	Exchange rate is the Middle rate.
BUYR	Buy	Exchange rate is the Buy rate.
AGRD	Agreed	Exchange rate applied is the rate agreed between the parties.

47.2.3.57 ExternalAuthenticationMethod1Code

Definition: Code to specify the authentication method used, as published in an external category purpose code list.

External code sets can be downloaded from www.iso20022.org.

Type: CodeSet

Format

minLength	1
maxLength	4

47.2.3.58 ExternalEncryptedElementIdentification1Code

Definition: Specifies the element that has been encrypted, as published in an external data to encrypt type code set.

External code sets can be downloaded from www.iso20022.org.

These codes have the same value as the tag assignments shown in ISO 13492 for the data encryption dataset. The codes are variable in length and conform to ISO/IEC 8825-1.

Type: CodeSet

Format

pattern	([0-9A-F][0-9A-F]){1,3}
---------	-------------------------

47.2.3.59 FeeCollectionInitiator1Code

Definition: Code that specifies the fee collection initiator.

Type: CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transaction.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer
CISS	CardIssuer	Entity issuing card.
OTHN	OtherNational	Other entity initiates fee collection defined at national level.
OTHP	OtherPrivate	Other entity initiates fee collection defined at private level.

47.2.3.60 FileActionResult1Code

Definition: File action result of processing.

Type: CodeSet

CodeName	Name	Definition
DUPR	DuplicateRecord	Identified record is already present in the file.
FERD	FieldEditError	Invalid record field syntax.
INFD	FieldValueInvalid	Invalid field value in record.
FLCK	FileLocked	File is locked and cannot be modified.
FTER	FormatError	Invalid record format.
NSUP	NotSupported	Requested file action not supported.
OTHR	Other	Other type of file action result
SUCC	Successful	Action performed successfully
UTLR	UnableToLocateRecord	Identified record was not found.
UNKF	UnknownFile	File is unknown.
USUC	Unsuccessful	Action could not be performed.

47.2.3.61 FileActionScope1Code

Definition: Indicates whether the action applies to a file or a record.

Type: CodeSet

CodeName	Name	Definition
FILE	File	Action applies to a file
RECD	Record	Action applies to a record

47.2.3.62 FileActionType2Code*Definition:* Determines the type of file action.*Type:* CodeSet

CodeName	Name	Definition
ADDD	Add	Add a new record or file.
BRPT	BulkReplacement	Replacing previously added records.
DELT	Delete	Delete an existing record or file.
DLSP	DeleteRecordSystemPurge	System purge.
ENQR	Enquire	Request the content of an existing record or file.
OTHN	OtherNational	Other type of file action defined at national level.
OTHP	OtherPrivate	Other type of file action defined at private level.
REPL	Replace	Add a new record or file if none exists or replace an existing record or file if one exists.
REQU	Request	Request for a file or record.
UPDT	Update	Update an existing record or file.

47.2.3.63 FleetPurchaseType1Code*Definition:* List of codes representing type of fleet purchases.*Type:* CodeSet

CodeName	Name	Definition
FUEL	Fuel	Fuel
NONF	NonFuel	Non fuel
FANF	FuelAndNonFuel	Fuel and non fuel

47.2.3.64 FleetServiceType1Code*Definition:* Contains the list of fleet service type codes.*Type:* CodeSet

CodeName	Name	Definition
SLSV	SelfService	Self service
HSDI	HighSpeedDispenser	High speed dispenser that may or may not support varying flow rates.
FLSV	FullService	Full service

47.2.3.65 FraudReportingAction1Code*Definition:* Fraud reporting action codes.*Type:* CodeSet

CodeName	Name	Definition
DUPL	Duplicate	Fraud information already reported.
CLSE	Close	Closing a previously reported fraud.
NEWF	New	New fraud information not reported yet.
OTHN	OtherNational	Other process about a fraud already reported defined at national level.
OTHP	OtherPrivate	Other process about a fraud already reported defined at private level.
REOP	Reopen	Reopen a previously closed reported fraud case
UPDT	Update	Update information about a fraud already reported.

47.2.3.66 FraudType1Code

Definition: Identifies the type of fraud in a card payment environment.

Type: CodeSet

CodeName	Name	Definition
ACTO	AccountTakeover	Fraudulent transaction due to the unauthorised use of a card account by a person with the intent to defraud the issuer of the card.
CWUI	CounterfeitWithUnassignedIIN	Fraudulent transaction where the acquirer confirmed that the IIN (Issuer Identification Number) used was either never issued or is invalid.
CRNT	CardNotReceived	Fraudulent transaction with a card that was not received by the cardholder.
FRAC	FraudulentAccountUse	Fraudulent use of an account.
FRAP	FraudulentApplication	Fraudulent transaction on an account that the cardholder never applied for or the information on the application was falsified.
CWKA	CounterfeitWithExistingAccount	Fraudulent transaction with an altered or duplicated card in a card-present environment where the cardholder did not knowingly participate or the account was not created.
CRDL	LostCard	Fraudulent transaction with a card that has been reported as lost
MISC	Miscellaneous	Fraudulent transaction that cannot be categorised as one of the standard fraud types.
OTHN	OtherNational	Other type of fraud defined at national level.
OTHP	OtherPrivate	Other type of fraud defined at private level.

CodeName	Name	Definition
CRDS	StolenCard	Fraudulent transaction with a card that has been reported as stolen.
CNPA	CardNotPresentAccountUse	Fraudulent use in a card-not-present environment of an account.
MUFD	MultipleUseFraud	Merchant makes additional transactions against a card when consumer authorised for one legitimate transaction.
COSN	Collusion	Two parties colluding for the purpose of creating fraudulent transaction. For example, a cardholder and merchant.

47.2.3.67 Frequency12Code

Definition: Specifies the regularity of an event.

Type: CodeSet

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
DAIL	Daily	Event takes place every day.
FRTN	Fortnightly	Event takes place every two weeks.
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.
TEND	TenDays	Event takes place every ten business days.
WEEK	Weekly	Event takes place once a week.

47.2.3.68 Frequency17Code

Definition: Specifies the regularity of an event.

Type: CodeSet

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
DAIL	Daily	Event takes place every day.
FRTN	Fortnightly	Event takes place every two weeks.
MNTH	Monthly	Event takes place every month or once a month.
QURT	Quarterly	Event takes place every three months or four times a year.

CodeName	Name	Definition
MIAN	SemiAnnual	Event takes place every six months or two times a year.
TEND	TenDays	Event takes place every ten business days.
WEEK	Weekly	Event takes place once a week.
ADHO	Adhoc	Event takes place on request or as necessary.
SHFT	Shift	Event associated with a shift.
ODMD	OnDemand	Event takes place on demand.

47.2.3.69 Frequency18Code

Definition: Specifies the regularity of an event.

Type: CodeSet

CodeName	Name	Definition
YEAR	Annual	Event takes place every year or once a year.
DAIL	Daily	Event takes place every day.
FRTN	Fortnightly	Event takes place every two weeks.
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.
TEND	TenDays	Event takes place every ten business days.
WEEK	Weekly	Event takes place once a week.
TWWK	TwiceAWeek	Two times a week

47.2.3.70 FundingSourceType2Code

Definition: Type of funding source used for a financial service.

Type: CodeSet

CodeName	Name	Definition
LOYL	Loyalty	Loyalty points converted into cash
OTHN	OtherNational	Other type of account defined at national level.
OTHP	OtherPrivate	Other type of account defined at private level.
SVNG	Savings	Savings account.
UVRL	Universal	Universal account.

CodeName	Name	Definition
CASH	Cash	Cash as a source type to perform the transaction.
CRDT	CreditCard	Credit card account.
CDBT	DebitCard	Debit card account.
EPRS	EpurseCard	Electronic purse card account.
DBAC	DebitAccount	Account for debiting funds.
CURR	Current	Current account.
CHQE	Cheque	Cheque
PRPD	PrePaid	Pre-paid account.
LCDT	LineOfCredit	Line of credit account.

47.2.3.71 GoodAndServiceDeliveryChannel1Code

Definition: Code that specifies the good or service delivery channel.

Type: CodeSet

CodeName	Name	Definition
EDEL	ElectronicDelivery.	Electronic delivery.
PULC	LocalPickUp	Pick up locally
NDEL	NoDelivery	No delivery.
OTHN	OtherNational	Other delivery channel defined at national level.
OTHP	OtherPrivate	Other delivery channel defined at private level.
SCBA	ShippingToCardholderBillingAddress	Shipping to cardholder billing address
SCSA	ShippingToConsumerSpecifiedShippingAddress	Shipping to consumer specified shipping address

47.2.3.72 GoodAndServiceDeliverySchedule1Code

Definition: Code that specifies the good or service delivery schedule.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other delivery schedule defined at national level.
OTHP	OtherPrivate	Other delivery schedule defined at private level.
ONDL	OvernightDelivery.	Overnight delivery.
SDDL	SameDayDelivery	Same day delivery.
TDDL	TwoDaysOrMoreDelivery.	Two days or more delivery.

47.2.3.73 GoodsAndServices1Code

Definition: Type of goods and services purchased.

Type: CodeSet

CodeName	Name	Definition
ELEC	Electronic	Electronic goods and services.
PHYS	Physical	Physical goods or services.
ELPH	ElectronicAndPhysical	Electronic and physical goods and services.

47.2.3.74 GoodsAndServicesSubType1Code

Definition: Sub type of goods and services purchased.

Type: CodeSet

CodeName	Name	Definition
CRCU	CryptoCurrency	Sub type applied is cryptocurrency.
FORX	ForeignExchange	Sub type applied is foreign exchange.
OTHN	OtherNational	Other sub type of goods and service at national level.
OTHP	OtherPrivate	Other sub type of goods and service at private level.
SECS	Securities	Sub type applied is securities.

47.2.3.75 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.

47.2.3.76 ICCFallbackReason1Code

Definition: A code that provides the reason of ICC fallback.

Type: CodeSet

CodeName	Name	Definition
CIIA	ChoosingIncorrectICApplication	Choosing incorrect IC application.
EDIP	ErrorDuringICAppProcessing.	Error during IC app processing.

CodeName	Name	Definition
OTHN	OtherNational	Other ICC fallback reason defined at national level.
OTHP	OtherPrivate	Other ICC fallback reason defined at private level.
TERI	TerminalErrorReadingICData	Terminal error reading IC data.

47.2.3.77 Identification3Code

Definition: Identification of an individual.

Type: CodeSet

CodeName	Name	Definition
DRID	DriverLicenceIdentification	Driver licence identification.
NTID	NationalIdentifier	National identification.
PASS	PassportNumber	Passport number.
SSYN	SocialSecurityNumber	Social security number.
ARNB	AlienRegistrationNumber	Alien registration number.
OTHP	OtherPrivate	Other identification provided at private level.
OTHN	OtherNational	Other identification assigned at national level.
EMAL	Email	E-mail.
PHNB	PhoneNumber	Phone number.
CUID	CustomerIdentification	Identification of customer.
TXID	TaxIdentifier	Tax identifier.
PRXY	Proxy	Proxy

47.2.3.78 InstalmentAmountDetailsType2Code

Definition: Instalment amount detail type.

Type: CodeSet

CodeName	Name	Definition
AFCO	AnnualFinancingCost	Total financing cost per annum.
EXPN	Expense	Expense Amount
FEES	Fees	Fees amount
FUNA	Funded	Funded amount
INSU	Insurance	Insurance amount
INTR	Interest	Interest amount.
OTHC	OtherCharges	Other amounts
OTHN	OtherNational	Grace period unit type
OTHP	OtherPrivate	Grace period unit type

CodeName	Name	Definition
PRNC	Principal	Principal amount.
RQST	Requested	Requested amount
TAXX	Tax	Instalment amount tax

47.2.3.79 InstalmentPeriod1Code

Definition: Instalment period.

Type: CodeSet

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

47.2.3.80 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

47.2.3.81 ISO18245MerchantCategoryCode

Definition: Code used to enable the classification of merchants into specific categories based on the type of business, trade or services supplied. Values are specified only for those merchant categories that are generally expected to originate retail financial transactions (ISO 18245). The code is checked against the list of merchant categories coded with four digit characters, defined in the standard.

Type: CodeSet

Format

pattern [0-9]{4,4}

47.2.3.82 ISO2ALanguageCode

Definition: Identification of the language name according to the ISO 639-1 codes. The type is validated by the list of values coded with two alphabetic characters, defined in the standard.

Type: CodeSet

Format

pattern [a-z]{2,2}

47.2.3.83 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}

47.2.3.84 ISO3NumericCurrencyCode

Definition: Code allocated to a currency, by a maintenance agency, under an international identification scheme as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds". Valid currency codes are registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

Type: CodeSet

Format

pattern [0-9]{3,3}

Constraints

- **ValidationByTable**

Must be a valid currency code which is registered with the ISO 4217 Maintenance Agency, and consist of three contiguous numbers

47.2.3.85 ISO8583AccountTypeCode

Definition: Code which identifies the type of account (ISO 8583, Account type codes). The code is checked against the list of transaction types coded with two alpha-numeric characters, defined in the standard.

Type: CodeSet

Format

pattern [0-9A-Z]{2,2}

47.2.3.86 ISO8583AmountTypeCode

Definition: Code which identifies the type of amount (ISO 8583, Amount type codes). The code is checked against the list of amount types coded with two alpha-numeric characters, defined in the standard.

Type: CodeSet

Format

pattern [0-9A-Z]{2,2}

47.2.3.87 ISO8583MessageReasonCode

Definition: A code that identifies the reason, or purpose, of the message (ISO 8583, Message reason codes). The code is checked against the list of transaction types coded with four digit characters, defined in the standard.

Type: CodeSet

Format

pattern [0-9]{4,4}

47.2.3.88 ISO8583ResponseCode

Definition: A code which defines the action taken or to be taken as well as the reason for taking this action (ISO 8583, Response codes). The code is checked against the list of Response codes coded with two alpha-numeric characters, defined in the standard.

Type: CodeSet

Format

pattern [0-9A-Z]{2,2}

47.2.3.89 ISO8583TransactionTypeCode

Definition: Code which indicates the type of transaction being undertaken (ISO 8583, Transaction type codes). The code is checked against the list of transaction types coded with two alpha-numeric characters, defined in the standard.

Type: CodeSet

Format

pattern [0-9A-Z]{2,2}

47.2.3.90 ISOCountrySubDivisionCode

Definition: Code to identify an area of geopolitical interest, based on names obtained from the United Nations ISO 3166-2 or the local authority.

Type: CodeSet

Format

pattern [A-Z]{2,3}

47.2.3.91 ISOMax3ACountryCode

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 or Alpha-3 code). The code is checked against the list of country names coded with three alphabetic characters, defined in the standard.

Type: CodeSet

Format

pattern [A-Z]{2,3}

47.2.3.92 ISOMax3ALanguageCode

Definition: Identification of the language name in accordance with ISO 639-1 and ISO 639-2. The type is validated by the list of values coded with two or three alphabetic characters, defined in the standard.

Type: CodeSet

Format

pattern [a-z]{2,3}

47.2.3.93 JourneyType1Code

Definition: Type of journey related to a car rental reservation.

Type: CodeSet

CodeName	Name	Definition
COAC	CoachNumber	Coach number
EARL	Early	Early arrival or departure
FLGT	FlightNumber	Flight number.
LATE	Late	Late arrival or departure.
ONTM	OnTime	On-time arrival or departure
OTHR	Other	Other type of journey.
TRAN	TrainNumber	Train number.
VESS	VesselNumber	Vessel number

47.2.3.94 KeyType1Code

Definition: Contains the list of key types that may be exchanged.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other national
OTHP	OtherPrivate	Other private
PTKA	PINtranslationKeyAcquirer	PIN translation key applicable to the acquirer
PTKI	PINtranslationKeyIssuer	PIN translation key applicable to the issuer

47.2.3.95 KeyUsage1Code

Definition: Allowed usages of the key.

Type: CodeSet

CodeName	Name	Definition
ENCR	Encryption	Key may encrypt.
DCPT	Decryption	Key may decrypt.
DENC	DataEncryption	Key may encrypt data.
DDEC	DataDecryption	Key may decrypt data.
TRNI	TranslateInput	Key may encrypt information before translation.
TRNX	TranslateOutput	Key may encrypt information after translation.
MACG	MessageAuthenticationCodeGeneration	Key may generate message authentication codes (MAC).
MACV	MessageAuthenticationCodeVerification	Key may verify message authentication codes (MAC).
SIGG	SignatureGeneration	Key may generate digital signatures.
SUGV	SignatureVerification	Key may verify digital signatures.
PINE	PINEncryption	Key may encrypt personal identification numbers (PIN).
PIND	PINDecryption	Key may decrypt personal identification numbers (PIN).
PINV	PINVerification	Key may verify personal identification numbers (PIN).
KEYG	KeyGeneration	Key may generate keys.
KEYI	KeyImport	Key may import keys.
KEYX	KeyExport	Key may export keys.
KEYD	KeyDerivation	Key may derive keys.

47.2.3.96 LanguageCode

Definition: Specifies a language.

Type: CodeSet

Constraints

- **ValidationByTable**

Must be a valid terrestrial language.

47.2.3.97 LegalStructure1Code

Definition: Legal structure for assigning an identification.

Type: CodeSet

CodeName	Name	Definition
STAE	State	Legal structure is a state.
PVIN	Province	Legal structure is a province.
MUNI	Municipal	Legal structure is a municipal.

CodeName	Name	Definition
CNTY	County	Legal structure is a county.
NATI	National	Legal structure is a state.

47.2.3.98 LifeCycleSupport1Code

Definition: Indicates the point in the transaction lifecycle at which the lifecycle identifier was assigned.

Type: CodeSet

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

47.2.3.99 LocationAmenity1Code

Definition: Codes pertaining to the amenities available at the location where the merchant actually performed the transaction.

Type: CodeSet

CodeName	Name	Definition
AADA	AccessAndDirectionsAvailable	Interstate Access and Exit Number information with directions Available
AFLA	AlternativeFuelLocationsAvailable	Alternative fuel locations available
AVLA	AviationLocationsAvailable	Aviation locations available
CRWA	CarWashAvailable	Car wash available
CVSA	ConvenienceStoreAvailable	Convenience Store Available
DISA	DieselSitesAvailable	Diesel Sites Available
EWAA	EighteenWheelAccessAvailable	18-wheeler access availability
MRLA	MarinaLocationsAvailable	Marina locations available
OTHN	OtherNational	Other amenities defined at the national level.
OTHP	OtherPrivate	Other amenities defined at the private level.
PAPA	PayAtPumpAvailable	Pay-at-pump available
TSHA	TruckStopHotelAvailable	Truck Stop Hotel Available
TSRA	TruckStopRestaurantAvailable	Truck Stop Restaurant Available
TSSA	TruckStopWithShowersAvailable	Truck stop with showers available
TFHA	TwentyFourHourAvailability	24 hour availability
VSWA	VehicleScalesWeight	Vehicle scales and weigh services available
VHPA	VehicleParking	Vehicle parking available
VMRA	VehicleMaintenanceRepairBaysAvailable	Vehicle maintenance/repair bays available

47.2.3.100 LodgingActivity1Code

Definition: Lodging type of activity.

Type: CodeSet

CodeName	Name	Definition
APTM	Apartment	Apartment residence.
BEBR	BedAndBreakfast	Bed and breakfast or related lodging.
COTT	Cottage	Cottage and related lodging.
CRUI	Cruise	Cruise line lodging.
HOME	Home	An individual offering lodging facilities.
HOST	Hostel	Hostel or related lodging.
HOTL	Hotel	Hotel or related lodging.
LODG	Lodge	Lodge or related lodging.
MOTL	Motel	Motel or related lodging.
OTHN	OtherNational	Other type of lodging defined at national level.
OTHP	OtherPrivate	Other type of lodging defined at private level.
RESO	Resort	Resort or related lodging.
ROAB	RoomAndBoard	Room and board or related lodging.
TOSH	TouristShelter	Tourist shelter and related lodging.

47.2.3.101 LodgingService1Code

Definition: Type of lodging service.

Type: CodeSet

CodeName	Name	Definition
ACCO	Accommodation	Room accommodation
AUDI	AudioVisual	Audio visual lodging service.
BANQ	Banquet	Banquet lodging service.
BREK	Breakfast	Breakfast lodging service.
BUSS	BusinessCentre	Business centre lodging service.
CONC	Concierge	Concierge lodging service.
EARA	EarlyArrival	Early arrival lodging service.
EARD	EarlyDeparture	Early departure lodging service.
ENTR	Entertainment	Entertainment lodging service.
FCAA	FolioCashAdvance	Folio cash advance lodging service.
GAME	Games	Games lodging service.
GARA	Garage	Garage lodging service.

CodeName	Name	Definition
GIFT	GiftShop	Gift shop lodging service.
HEAL	Health	Health lodging service.
INTE	Internet	Internet lodging service.
LAUN	Laundry	Laundry lodging service.
LONG	LoungeBar	Lounge bar lodging service.
MINI	MiniBar	Mini bar lodging service.
NOSH	NoShow	No show lodging service.
OTHR	Other	Other type of service.
PARK	Parking	Parking lodging service.
PHON	Phone	Phone lodging service.
REST	Restaurant	Restaurant lodging service.
RMSE	RoomService	Room service.
SPAS	Spa	Spa lodging service.
THRD	ThirdParty	Third-party lodging service.
TRAN	Transportation	Transportation lodging service.
VODS	VideoOnDemand	Video on demand lodging service.

47.2.3.102 LoyaltyValueType1Code

Definition: Type of value used for a loyalty programme.

Type: CodeSet

CodeName	Name	Definition
MILE	Miles	Value expressed in miles.
MONE	Monetary	Value expressed in monetary units.
OTHR	Other	Value expressed in any other type of loyalty value.
POIN	Points	Value expressed in points.
PRIV	PrivateCurrency	Value expressed in a private currency.

47.2.3.103 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.

CodeName	Name	Definition
MEGA	MegaByte	Mega byte.
PETA	PetaByte	Peta byte.
TERA	TeraByte	Tera byte.

47.2.3.104 MessageClass1Code

Definition: Identifies a class of messages with the same high level function.

Type: CodeSet

CodeName	Name	Definition
ADDE	Addendum	Addendum class of messages.
AMDT	Amendment	Amendment class of messages.
AUTH	Authorisation	Authorisation class of messages.
CMGT	CardManagement	Card management class of messages.
CBCK	ChargeBack	Charge back class of messages.
FEEC	FeeCollection	Fee collection class of messages.
FINL	Financial	Financial class of messages.
INQY	Inquiry	Inquiry class of messages.
VERI	Verification	Verification class of messages.

47.2.3.105 MessageError1Code

Definition: Code list containing a code that identifies the error condition.

Type: CodeSet

CodeName	Name	Definition
IDEF	InvalidDataElementFormat	Invalid data element format
IDEL	InvalidDataElementLength	Invalid data element length
IDEV	InvalidDataElementValue	Invalid data element value
INME	InvalidMessage	Invalid message
INMF	InvalidMessageFunction	Invalid Message Function
MEPE	MessageParseError	Message Parse Error
OTHP	OtherPrivate	Other reason to reject a message defined at private level.
PRVE	ProtocolVersion	Protocol Version
RDEM	RequiredDataElementMissing	Required data element missing
SECU	Security	Security
UDFD	Undefined	Error that is not defined in the Message type Error and is not OtherNational or OtherPrivate Error
OTHN	OtherNational	Other reason defined at national level to reject a message.

CodeName	Name	Definition
ITDE	IterativeDataError	Iterative data error
DUME	DuplicateMessage	Duplicate Message
IDWM	InconsistentDataWithinMessage	Inconsistent data within message
IDRM	InconsistentDataWithRelatedMessage	Inconsistent data with related message
IBAT	InvalidBatch	Invalid Batch
ICOL	InvalidCollection	Invalid Collection

47.2.3.106 MessageFunction16Code

Definition: Identifies the type of process related to a financial initiation and financial response message.

ISO 8583 MTI

Type: CodeSet

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.
CAAD	CaptureAdvice	Advice about the capture of an activity already performed (response expected).
CANO	CaptureNotification	Notification about the capture of an activity already performed (no response expected).
REQU	Request	Message function is a request.

47.2.3.107 MessageFunction17Code

Definition: Identifies the type of process related to the reconciliation of financial totals.

ISO 8583 MTI

Type: CodeSet

CodeName	Name	Definition
NOTI	Notification	Information about the transaction.
REQU	Request	Message function is a request.
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.

47.2.3.108 MessageFunction18Code

Definition: Identifies the type of process related to a batch management.

ISO 8583 MTI

Type: CodeSet

CodeName	Name	Definition
BTRQ	BatchRequest	Request to initiate the transfer of a batch (response expected).
BTNF	BatchNotification	Notification to initiate the transfer of a batch (no response expected).
CLNF	CollectionNotification	Notification to initiate the transfer of a collection (no response expected).
CLRQ	CollectionRequest	Request to initiate the transfer of a collection (response expected).

47.2.3.109 MessageFunction20Code

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

ISO 8583 MTI

Type: CodeSet

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.
REQU	Request	Message function is a request.
RVRA	ReversalAdvice	Advice for reversal without financial capture.
RVNO	ReversalNotification	Notification of reversal for either an authorisation or a financial message (response not expected).
STAD	StatusAdvice	Advice about the status of a transaction.
STNO	StatusNotification	Notification about the status of a transaction.

47.2.3.110 MessageFunction23Code

Definition: Identifies messages related to a network management process.

ISO 8583 MTI

Type: CodeSet

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
REQU	Request	Message function is a request.

47.2.3.111 MessageFunction27Code

Definition: Information related to the protocol management.

ISO 8583 MTI.

Type: CodeSet

CodeName	Name	Definition
NOTI	Notification	Information about the transaction.

47.2.3.112 MessageFunction29Code

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

Fee collection header.

ISO 8583 MTI

Type: CodeSet

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.

47.2.3.113 MessageFunction39Code

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

Type: CodeSet

CodeName	Name	Definition
RENO	RejectNotification	Notification of a rejected message.
ERNO	ErrorNotification	Notification of a message containing errors.

47.2.3.114 MessageFunction44Code

Definition: Type of process related to a specific message.

Type: CodeSet

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
NOTI	Notification	Information about the transaction.
INST	Instructure	Informs of an action to be taken.
REQU	Request	Message function is a request.

47.2.3.115 MessageFunction45Code

Definition: Type of process related to a specific message.

Type: CodeSet

CodeName	Name	Definition
ADVC	Advice	Advice indicates where the sender informs the receiver of an activity that has been taken that requires a response.
INST	Instructure	Informs of an action to be taken.
NOTI	Notification	Information about the transaction.
REQU	Request	Message function is a request.
STAD	StatusAdvice	Advice about the status of a transaction.
STNO	StatusNotification	Notification about the status of a transaction.
STRQ	StatusRequest	Message function is a status request.

47.2.3.116 MOTO1Code

Definition: A code that identifies the type of MOTO transaction.

Type: CodeSet

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder.	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

47.2.3.117 NetworkManagementType1Code

Definition: Type of network management service.

ISO 8583 bit 24.

Type: CodeSet

CodeName	Name	Definition
ECTS	EchoTest	Detects whether communication at application level is still active.
ESFW	EnableStoreAndForward	Enable receipt of store and forward advice and notification messages.
OTHN	OtherNational	Other type of communication management service defined at national level.
OTHP	OtherPrivate	Other type of network management service defined at private level.
SGNF	SignOff	Terminate communication at application level.
SGNN	SignOn	Establish communication at application level.
DSFW	DisableStoreAndForward	Disable receipt of store and forward advice and notification messages.
TSUN	TargetSystemUnavailable	System condition/target system unavailable

CodeName	Name	Definition
MOSB	MessageOriginatorSystemInBackup	System condition/message originator's system in backup.
SPIN	SpecialInstruction	System condition/special instruction
IART	InitiateAlternateRouting	System condition/initiate alternate routing
SYCL	SynchronizeClock	Clock synchronization
DRBI	DisableRecurringBilling	Disable the receipt of recurring billing.
ERBI	EnableRecurringBilling	Enable the receipt of recurring billing.

47.2.3.118 OfficialDocumentType1Code

Definition: Type of official document used for identification or authentication.

Type: CodeSet

CodeName	Name	Definition
ARNU	AlienRegistration	Number assigned by a government agency to identify foreign nationals.
AUTH	Authorisation	Travel authorisation assigned by a government agency (e.g. ESTA, etc.)
DIPL	Diplomatic	Diplomatic passport or travel document.
DVLC	DrivingLicense	Driving license.
EURO	Europol	Europol-issued travel or related document.
IDEN	IdentityCard	Identity card.
INTE	Internal	Internal travel document.
INPO	Interpol	Interpol-issued travel or related document
LZPR	Laissezpasser	Emergency travel or related document.
OTHN	OtherNational	Other type of official document defined at national level.
OTHP	OtherPrivate	Other type of official document defined at private level.
PASS	Passport	Passport.
VISA	PassportVisa	Visa issued by a government or related authority.
PERM	Permit	Permit.
REFU	Refugee	Travel or related document issued to refugees.

47.2.3.119 OnLineCapability2Code

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.
BOTH	BothOnLineAndOffLine	Both online and offline

47.2.3.120 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.

47.2.3.121 OutputFormat4Code

Definition: Output of message format.

Type: CodeSet

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.
MREF	MessageReference	Predefined configured messages, identified by a reference.
OTHN	OtherNational	Other type of output of message defined at national level.
OTHP	OtherPrivate	Other type of output format defined at private level.
SMSI	ShortMessageService	Short message service
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.

47.2.3.122 OutputFormat5Code

Definition: Specifies the format of the data.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other type of output of message defined at national level.

CodeName	Name	Definition
OTHP	OtherPrivate	Other type of output format defined at private level.
TEXT	SimpleText	Text without format attributes.
URLI	UniformResourceLocator	Uniform Resource Locator (URL) reference for the message.
HTML	XHTML	XHTML document which includes a subset of the XHTML output tag.
PLIN	PrintLine	A formatted print line.
JSON	JSON	Java Syntax Object Notation format.
XMLF	XML	eXtensible Markup Language format.
EDIF	EDIFACT	Electronic data interchange for administration, commerce and transport.
CSVF	CSV	Comma separated value format.
JPEG	JPEG	Joint Photographic Experts Group format.
PDFF	PDF	Portable Document Format.
PNGF	PNG	Portable Network Graphics format.
SVGF	SVG	Scalable vector graphic format.

47.2.3.123 PartyType17Code

Definition: Type of role assigned.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
ACQR	Acquirer	Entity acquiring card transactions.
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.2.3.124 PartyType18Code

Definition: Type of role assigned.

Type: CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.2.3.125 PartyType19Code

Definition: Type of entity involved in a card payment transaction.

Type: CodeSet

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.2.3.126 PartyType20Code

Definition: Card domain type of party.

Type: CodeSet

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.

CodeName	Name	Definition
CRDH	Cardholder	Holder of a payment card.
CISS	CardIssuer	Party that issues cards.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.2.3.127 PartyType21Code

Definition: Contains destination party type.

Type: CodeSet

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
CRDH	Cardholder	Holder of a payment card.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.2.3.128 PartyType22Code

Definition: Recipient of the additional information.

Type: CodeSet

CodeName	Name	Definition
CRDH	Cardholder	Holder of a payment card.
MERC	Merchant	Merchant providing goods and service in the card payment transaction.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

47.2.3.129 PartyType23Code

Definition: Party in charge of clearing payment or related transactions.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other card payment entity type defined at national level

CodeName	Name	Definition
OTHP	OtherPrivate	Other card payment entity type defined at private level
CLRA	ClearingAgent	Agent in charge of clearing payment or related transactions.

47.2.3.130 PartyType25Code

Definition: Type of entity submitting a card fraud report.

Type: CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
CISS	CardIssuer	Party that issues cards.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.2.3.131 PartyType26Code

Definition: Type of entity acting as a Payment Initiation Service Provider.

Type: CodeSet

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ICCA	CardApplication	Application in the smart card.
CISS	CardIssuer	Party that issues cards.
DLIS	Delegatelssuer	Party to whom the card issuer delegates to authorise card payment transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.2.3.132 PartyType28Code

Definition: Type of entity involved in a card payment transaction.

Type: CodeSet

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level
WLPR	WalletProvider	Provider of an electronic wallet
ISUR	Issuer	Issuer is the entitled party.

47.2.3.133 PartyType32Code

Definition: Type of party.

Type: CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
ISUR	Issuer	Issuer is the entitled party.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

47.2.3.134 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.

CodeName	Name	Definition
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.

47.2.3.135 PartyType9Code

Definition: Type of entity.

Type: CodeSet

CodeName	Name	Definition
ACQR	Acquirer	Entity acquiring card transactions.
ACQP	AcquirerProcessor	Entity providing acquiring card payment processing services on behalf on an acquirer.
CISS	CardIssuer	Party that issues cards.
CISP	CardIssuerProcessor	Entity providing issuing card payment processing services on behalf on an issuer.
CSCH	CardScheme	Entity defining rules and procedures for card payment transactions acting as an intermediary between an acquirer and an issuer.
SCHP	CardSchemeProcessor	Entity providing card payment processing services acting on behalf of a card scheme.

47.2.3.136 PeriodUnit2Code

Definition: Time expressed in period units.

Type: CodeSet

CodeName	Name	Definition
HOUR	Hours	Period unit expressed in hours.
HFDA	HalfDays	Half days
DAYS	Days	Counted in days.
WEEK	Weeks	Counted in weeks.
MNTH	Months	Counted in months.
YEAR	Years	Counted in years.
MINU	Minutes	Period unit expressed in minutes
OTHR	Other	Counted in some other unit.

47.2.3.137 PeriodUnit3Code

Definition: Type of period unit to be used.

Type: CodeSet

CodeName	Name	Definition
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
MNTH	Months	Counted in months.
WEEK	Weeks	Counted in weeks.
YEAR	Years	Counted in years.
DAYS	Days	Counted in days.
EXDY	ExtraDays	Extra Days

47.2.3.138 PINEntrySecurityCharacteristic1Code

Definition: Identifies the security characteristic of the PIN entry device.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other nationally assigned code.
OTHP	OtherPrivate	Other privately assigned code.
SECS	SecureSoftware	PIN entry is protected via an approved software solution.
SECH	SecureHardware	PIN entry is protected via a secure hardware solution.

47.2.3.139 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.

47.2.3.140 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.

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.

47.2.3.141 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.

47.2.3.142 POIComponentType5Code

Definition: Type of component belonging to a POI (Point of Interaction) Terminal.

Type: CodeSet

CodeName	Name	Definition
AQPP	AcquirerProtocolParameters	Parameters for acquirer interface of the point of interaction, including acquirer host configuration parameters.
APPR	ApplicationParameters	Parameters of a payment application running on the point of interaction.

CodeName	Name	Definition
TLPR	TerminalParameters	Manufacturer configuration parameters of the point of interaction.
SCPR	SecurityParameters	Security parameters of the point of interaction.
SERV	Server	Payment server of a point of interaction system.
TERM	Terminal	Payment terminal point of interaction.
DVCE	Device	Device sub-component of a component of the point of interaction.
SECM	SecureModule	Security module.
APLI	PaymentApplication	Payment application software.
EMVK	EMVKernel	EMV application kernel (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
EMVO	EMVLevel1	EMV physical interface (EMV is the chip card specifications initially defined by Eurocard, Mastercard and Visa).
MDWR	Middleware	Software module of the point of interaction.
DRVR	Driver	Driver module of the point of interaction.
OPST	OperatingSystem	Software that manages hardware to provide common services to the applications.
MRPR	MerchantParameters	Merchant configuration parameters for the point of interaction (POI).
CRTF	CertificateParameters	Certificate provided by a terminal manager.
TMSP	TMSProtocolParameters	Configuration parameters for the TMS protocol.
SACP	SaleComponent	Component of the Sale system.
SAPR	SaleToPOIProtocolParameters	Parameters related to the Sale to POI protocol.

47.2.3.143 PresentationMedium2Code

Definition: Presentation medium type.

Type: CodeSet

CodeName	Name	Definition
BIOM	Biometric	Biometric medium.
ELEC	Electronic	Presentation is made electronically.
PAPR	Paper	Presentation is made on paper.
BOTH	PaperElectronic	Presentation is made on paper and/or electronically.

47.2.3.144 Priority3Code

Definition: Specifies the priority level of an event.

Type: CodeSet

CodeName	Name	Definition
URGT	Urgent	Priority level is urgent (highest priority possible).
HIGH	High	Priority level is high.
NORM	Normal	Priority level is normal.

47.2.3.145 ProductCodeType1Code

Definition: Type of product codification used to identify a product uniquely.

Type: CodeSet

CodeName	Name	Definition
EA13	EuropeanArticleNumber13	European Article Number of type-13 also known as International Article Number
EAN8	EuropeanArticleNumber8	European Article Number of type-8 also known as International Article Number
GTIN	GlobalTradeItemNumber	Global Trade Item Number (GTIN) is an identifier for trade items.
OTHR	Other	Other type of product code classification.
PLUP	PriceLookUpCodes	Price look-up codes, commonly called PLU codes, PLU numbers, PLUs, produce codes, or produce labels, are identification numbers affixed to produce in grocery stores and supermarkets
RS14	ReduceSpaceSymbology14	RSS 14 barcode (Reduce Space Symbology) encodes the full EAN item identification in a symbol that can be omnidirectionally scanned by suitably configured point-of-sale laser scanners.
UPCA	UniformProductCodeA	Uniform Product Code - A-type
UPCE	UniformProductCodeE	Uniform Product Code E-Type

47.2.3.146 ProtectionMethod1Code

Definition: Method used to protect the sensitive data.

Type: CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other code assigned by national organisation.
OTHP	OtherPrivate	Other privately assigned code.
SELM	SecureElement	Secure element method.
SNCL	SecureEnclave	Secure enclave method.

CodeName	Name	Definition
SOFT	Software	Software protection method.
TEEN	TrustedExecutionEnvironment	Trusted execution environment method.

47.2.3.147 PurchaseIdentifierType1Code

Definition: Identifies the type of identifier used in the Purchase Identifier field.

Type: CodeSet

CodeName	Name	Definition
CONU	ContractNumber	Contract Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
FONU	FolioNumber	Folio Number
INNU	InvoiceNumber	Invoice Number
ORNU	OrderNumber	Order Number
OTHN	OtherNational	Other Purchase Identifier defined at a national level.
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
PRNU	PaymentReferenceNumber	Payment Reference Number
PUID	PurchaseIdentification	Purchase Identification
RELO	RecordLocator	Record Locator
REAG	RentalAgreement	Rental Agreement
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
SUOR	SupplierOrder	Supplier Order
TINU	TicketNumber	Ticket Number
TRNU	TrackingNumber	Tracking Number
SUIN	SupplierInvoice	Supplier Invoice
TNID	TransactionIdentification	Transaction Identification is a proprietary value provided by the card acceptor or acquirer to uniquely identify a given transaction.

47.2.3.148 QRCodePresentmentMode1Code

Definition: Identifies the mode used to present a QR Code for a transaction.

Type: CodeSet

CodeName	Name	Definition
CPMD	ConsumerPresented	The consumer presented a QR Code at the point of service for the transaction.

CodeName	Name	Definition
OTHN	OtherNational	Other nationally defined method for QR Code presentment for the transaction.
OTHP	OtherPrivate	Other QR Code presentment mode defined by bilateral agreement.
MPMD	MerchantPresented	The acceptor presented a QR Code to the consumer for the transaction.

47.2.3.149 ReceiptType1Code

Definition: Way of transmitting receipt information to recipient.

Type: CodeSet

CodeName	Name	Definition
EMAL	Email	Receipt transmitted by Email.
OTHR	Other	Other type of channel to transmit receipt information to the recipient.
PAPR	Paper	Receipt in a paper form.
SMSM	SMS	Receipt transmitted by SMS message.
URID	UniformResourceIdentifier	Receipt transmitted to a Uniform Resource Identifier (URI) address.

47.2.3.150 ReconciliationActivityType1Code

Definition: Code to indicate the activity type to be reconciled.

Type: CodeSet

CodeName	Name	Definition
ACQG	Acquiring	Acquiring activity.
CNSD	Consolidated	All types of activity.
ISSG	Issuing	Issuing activity
OTHN	OtherNational	Other reconciliation activity type defined at national level
OTHP	OtherPrivate	Other reconciliation activity type defined at private level

47.2.3.151 ReconciliationCategory1Code

Definition: Contains the reconciliation category.

Type: CodeSet

CodeName	Name	Definition
RVSL	Reversal	Reconciliation category is reversal.
OTHP	OtherPrivate	Reconciliation category is other private
OTHN	OtherNational	Reconciliation category is other national.
FNCL	Financial	Reconciliation category is financial.

CodeName	Name	Definition
CGBK	Chargeback	Reconciliation category is a chargeback.

47.2.3.152 ReconciliationFunction1Code

Definition: Indicates whether the message is a request for totals or to convey totals.

Type: CodeSet

CodeName	Name	Definition
INQR	Inquire	Inquiry for reconciliation totals
INCUC	InitiateCutover	Initiation of a cutover.
CNVY	Convey	Convey reconciliation totals

47.2.3.153 ReconciliationImpact1Code

Definition: Reconciliation credit or debit indicator.

Type: CodeSet

CodeName	Name	Definition
DEBT	Debit	Debit category
CRDT	Credit	Credit category

47.2.3.154 ReconciliationMessageType2Code

Definition: Contains the reconciliation message type.

Type: CodeSet

CodeName	Name	Definition
BATR	BatchTransferResponse	Batch Transfer Response
CAMI	CardManagementInitiation	Card Management Initiation
CAMR	CardManagementResponse	Card Management Response
CGBI	ChargebackInitiation	Chargeback Initiation
CGBR	ChargebackResponse	Chargeback Response
EROR	Error	Error
FECI	FeeCollectionInitiation	Fee Collection Initiation
FECD	FeeCollectionResponse	Fee Collection Response
FIAI	FileActionInitiation	File Action Initiation
FIAR	FileActionResponse	File Action Response
FINR	FinancialResponse	Financial Response
FINI	FinancialInitiation	Financial Initiation
FRDI	FraudDispositionInitiation	Fraud Disposition Initiation
FRDR	FraudDispositionResponse	Fraud Disposition Response
FRRF	FraudReportingInitiation	Fraud Reporting Initiation

CodeName	Name	Definition
FRRR	FraudReportingResponse	Fraud Reporting Response
INQI	InquiryInitiation	Inquiry Initiation
INQR	InquiryResponse	Inquiry Response
KYEI	KeyExchangeInitiation	Key Exchange Initiation
KYER	KeyExchangeResponse	Key Exchange Response
NWMI	NetworkManagementInitiation	Network Management Initiation.
NWMR	NetworkManagementResponse	Network Management Response
RECI	ReconciliationInitiation	Reconciliation Initiation
RECR	ReconciliationResponse	Reconciliation Response
RTFI	RetrievalFulfilmentInitiation	Retrieval Fulfilment Initiation
RTFR	RetrievalFulfilmentResponse	Retrieval Fulfilment Response
RTRI	RetrievalResponse	Retrieval Response
REVI	ReversalInitiation	Reversal Initiation
REVR	ReversalResponse	Reversal Response
SERI	SettlementReportingInitiation	Settlement Reporting Initiation
SERR	SettlementReportingResponse	Settlement Reporting Response
VERI	VerificationInitiation	Verification Initiation.
VERR	VerificationResponse	Verification Response
AMDT	Amendment	Amendment
ATHI	AuthorisationInitiation	Authorisation Initiation
ATHR	AuthorisationResponse	Authorisation Response
BAMI	BatchManagementInitiation	Batch Management Initiation
BAMR	BatchManagementResponse	Batch Management Response
BATI	BatchTransferInitiation	Batch Transfer Initiation
ADDI	AddendumInitiation	Addendum initiation
ADDR	AddendumResponse	Addendum response
RTVI	RetrievalInitiation	Retrieval Initiation Message

47.2.3.155 Response10Code

Definition: Response codes for verification

Type: CodeSet

CodeName	Name	Definition
INPS	InProgress	Request is still in progress.
UNRV	UnderReview	Service is under review.
OTHP	OtherPrivate	Other type of processing result defined at private level.

CodeName	Name	Definition
OTHN	OtherNational	Other type of processing result defined at national level.
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.

47.2.3.156 Response6Code

Definition: Result of processing for a transaction.

Type: CodeSet

CodeName	Name	Definition
UNPR	NotProcessed	Advice message could not be processed.
PPRC	PartiallyProcessed	Processing of the service has been partially performed.
PRCS	Processed	Advice message is processed.
REJT	Rejected	Service was rejected.
OTHP	OtherPrivate	Other type of processing result defined at private level.
OTHN	OtherNational	Other type of processing result defined at national level.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).
UNRV	UnderReview	Service is under review.

47.2.3.157 Response8Code

Definition: Response codes.

Type: CodeSet

CodeName	Name	Definition
PRCS	Processed	Advice message is processed.
UNPR	NotProcessed	Advice message could not be processed.
UNRV	UnderReview	Service is under review.
REJT	Rejected	Service was rejected.
TECH	TechnicalError	Service cannot be provided for technical reason (eg timeout contacting the Issuer, security problem).

CodeName	Name	Definition
OTHN	OtherNational	Other type of processing result defined at national level.
OTHP	OtherPrivate	Other type of processing result defined at private level.

47.2.3.158 RiskAssessment1Code

Definition: Code that specifies risk assessment result.

Type: CodeSet

CodeName	Name	Definition
APPC	ApproveConditionally	Recommended to approve conditionally.
APPH	ApproveConditionallyWithHighRisk	Recommended to approve conditionally; high risk conditions exist.
APPU	ApproveUnconditionally	Recommended to approve unconditionally.
DONT	DoNotApprove	Recommended to not approve.

47.2.3.159 SecurityCharacteristics1Code

Definition: Security characteristics of the communication link.

Type: CodeSet

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTTE	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.

CodeName	Name	Definition
PRAE	PrivateAlgorithmEncryption	Encryption using a private algorithm to secure a communication channel.
PRAM	PrivateAlgorithmMAC	Private algorithm used for MAC.
PRVN	PrivateNetwork	Private network.
STAM	StandardAlgorithmMAC	Standard algorithm used for MAC
APTE	AcquirerPointToPointEncryption	Encryption initiated by the acquirer to secure point-to-point communication channel.
AETE	AcquirerEndToEndEncryption	Encryption initiated by the acquirer to secure end-to-end communication channel.
OTHN	OtherNational	Other security characteristics defined at national level
OTHP	OtherPrivate	Other security characteristics defined at private level

47.2.3.160 SettlementReportType1Code

Definition: Type of settlement report

Type: CodeSet

CodeName	Name	Definition
FIPO	FinalPosition	Final settlement position.
OTHN	OtherNational	Other type of settlement report defined at national level.
OTHP	OtherPrivate	Other settlement report defined at private level.
INPO	InterimPosition	Interim settlement position.

47.2.3.161 StorageLocation1Code

Definition: Code that specifies the storage location.

Type: CodeSet

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.
ISWL	IssuerWallet	Storage is in wallet managed by Issuer.
ONFL	OnFile	Storage is on file.
OTHN	OtherNational	Code defined by national standards organisation.
OTHP	OtherPrivate	Code defined by private agreement.
TPWL	ThirdPartyWallet	Storage location is in wallet managed by a third party.

47.2.3.162 TaxReclaimMethod1Code

Definition: Contains Tax Reclaim options

Type: CodeSet

CodeName	Name	Definition
INPP	InvoicePrintedPrimary	Invoice printed and given to purchaser and then used for tax reclaim
INPS	InvoicePrintedSupplimental	Invoice printed but treated as supplemental because electronic copy is used for tax reclaim
INSU	InvoiceSuppressed	Printed invoice suppressed because electronic master version is used for tax reclaim
OTHR	Other	Other tax reclaim method not elsewhere specified

47.2.3.163 TelephonyCallType1Code

Definition: Indicates the call type

Type: CodeSet

CodeName	Name	Definition
VCML	VoiceMail	Voice mail
TFPC	TollFreeCall	Toll free phone call
PAGE	Page	Page
OGPC	OutgoingCall	Outgoing phone call
OTHP	OtherPrivate	Other private
OTHN	OtherNational	Other national
OTCL	Other	Other type of call not elsewhere classified.
ICPC	IncomingCall	Incoming phone call

47.2.3.164 TemporaryServicesCharge1Code

Definition: Charge types for temporary services

Type: CodeSet

CodeName	Name	Definition
WKND	Weekend	Weekend
REGL	Regular	Regular
OVRT	Overtime	Overtime
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
ONCL	OnCall	On call
NITE	Night	Night

CodeName	Name	Definition
HOLI	Holiday	Holiday
HAZD	Hazard	Hazard

47.2.3.165 TerminalIntegrationCategory1Code

Definition: Terminal category code of the place where the merchant actually performed the transaction.

Type: CodeSet

CodeName	Name	Definition
MPOI	MultiplePOITerminal	Multiple terminals linked to a unique sale terminal.
MSLE	MultipleSaleTerminal	Terminal serving multiple sale terminals.
SSLE	SingleSaleTerminal	Terminal linked to a unique sale terminal.

47.2.3.166 TerminalType1Code

Definition: Type of terminal to perform the transaction.

Type: CodeSet

CodeName	Name	Definition
ATMT	ATM	Automated Teller Machine
MPOS	mPOS	Mobile or tablet used as a Point of Sale terminal
OTHN	OtherNational	Other type defined at national level
OTHP	OtherPrivate	Other private type of terminal.
POST	POS	Point of Sale terminal.

47.2.3.167 TimeSegment1Code

Definition: Time period of the day.

Type: CodeSet

CodeName	Name	Definition
AMBN	AM	Ante meridiem or before noon time period.
PMAN	PM	Post meridiem or after noon time period.

47.2.3.168 TransactionAttribute2Code

Definition: Attribute related to the transaction.

Type: CodeSet

CodeName	Name	Definition
AGGR	Aggregation	Payment is an aggregation one.

CodeName	Name	Definition
CADB	CardlessATMCashDisbursement	Withdrawal is a cardless cash disbursement one.
CPLT	Completion	Transaction previously initiated is completed and contains the actual amount.
DBRC	DebtRecovery	Debt Recovery.
DBRP	DebtRepayment	Payment is a debt repayment one.
DFRD	DeferredPayment	Payment is a deferred one.
INCR	Incremental	To authorise additional amounts for a previously authorised transaction.
FRCP	FirstRecurring	First occurrence of a recurring payment.
INST	Instalment	Payment is an instalment one.
OTHN	OtherNational	Attribute defined at national level.
OTHP	OtherPrivate	Attribute defined at private level
PAUT	PreAuthorisation	Preauthorisation for an amount which is unknown at the time when the transaction is initiated and to be cleared within a specified timeframe.
PACP	PreAuthorisationCompletion	Financial completion of a pre-authorised transaction within a specified timeframe.
PPYT	PrePayment	Payment in advance of receiving goods or services.
RCPT	RecurringPayment	An occurrence of a recurring payment..
SUBR	SubsequentRecurring	Subsequent occurrence of a recurring payment.
TPUP	TopUp	Service to replenish value in an account (for example, mobile account, prepaid account, etc.).
UCOF	UnscheduledCardOnFile	Unscheduled Card On File.

47.2.3.169 TransactionInitiator1Code

Definition: Identifies the transaction initiator.

Type: CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

47.2.3.170 TransportType1Code

Definition: Contains the transportation type code list

Type: CodeSet

CodeName	Name	Definition
AIRR	Air	Air
BUSS	Bus	Bus
OTHN	OtherNational	Other National
OTHP	OtherPrivate	Other Private
RAIL	Rail	Rail
SHIP	Ship	Ship

47.2.3.171 TypeOfAmount19Code

Definition: Identification or qualification of the type of amount.

Type: CodeSet

CodeName	Name	Definition
CONN	Connect	Telephone connection-related charge
INSU	Insurance	Insurance charges
LNDS	LongDistance	Charges related to a long distance call.
MISC	Miscellaneous	Miscellaneous charges not elsewhere defined
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.
USGE	Usage	Telephone usage-related charge

47.2.3.172 TypeOfAmount20Code

Definition: Identification or qualification of the type of amount.

Type: CodeSet

CodeName	Name	Definition
AMTH	AuthorisedAmount	Transaction amount that has been authorised.
BAGG	Baggage	Baggage related fees
CARG	Cargo	Cargo Amount.
CHTC	ChargedToCard	Amount that has been charged to card account
CLUB	ClubFee	Amount for club fee.
DUTY	DutyFree	Duty free amount
EXTK	ExchangeTicket	Fee for exchanging a ticket (modifying an itinerary)
EXTF	ExchangeTicketFee	Fee for exchanging a ticket (modifying an itinerary)

CodeName	Name	Definition
EXTR	Extra	Extra charges (for example, minibar, etc.)
FARE	Fare	Amount of fare
FDBV	FoodBeverage	Amount of food and beverages
INSU	Insurance	Insurance charges
MISC	Miscellaneous	Miscellaneous charges not elsewhere defined
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.
PETC	PetCarrier	Pet carrier.
PHNE	Phone	Phone charges
PRPY	Prepayment	Amount of prepayment
TOTL	Total	Total amount of charges
TOUR	TourOrder	Tour order amount.
UPGD	Upgrade	Amount for an upgrade.
TKDL	TicketDelivery	Ticket delivery amount.

47.2.3.173 TypeOfAmount21Code

Definition: Type or class of amount.

Type: CodeSet

CodeName	Name	Definition
INTC	InterchangeFee	Interchange fee.
FEED	ProcessingFees	Processing fees.
OTHN	OtherNational	Other type of amount defined at national level.
OTHP	OtherPrivate	Other type of amount defined at private level.
FEEA	InternationalServiceAssessmentFees	International service assessment fees.
CSIF	CashBackInterchangeFee	Interchange fee applicable to cash back amount.
MXIF	MaximumInterchangeFee	Maximum applicable interchange fee.
MNIF	MinimumInterchangeFee	Minimum interchange fee applicable.

47.2.3.174 TypeOfAmount22Code

Definition: Type or class of amount.

Type: CodeSet

CodeName	Name	Definition
ACTL	Actual	Actual amount.
DFLT	Default	Default amount.
DPST	Deposit	Deposit 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).
PRXY	Proxy	Substitute for an amount to be authorised.
RESD	Reserved	Reserved or updated reserved amount for reservation.

47.2.3.175 UnitOfMeasure10Code

Definition: Unit of measure expressed in miles and kilometres.

Type: CodeSet

CodeName	Name	Definition
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
MILE	Mile	Unit of length equal to 1, 760 yards.

47.2.3.176 UnitOfMeasure1Code

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.

CodeName	Name	Definition
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.
SQMI	SquareMile	Measure of a surface, one mile by one mile.
SQYA	SquareYard	Measure of a surface, one yard by one yard.
SQFO	SquareFoot	Measure of a surface, one foot by one foot.
SQIN	SquareInch	Measure of a surface, one inch by one inch.

CodeName	Name	Definition
ACRE	Acre	Unit of measure equal to 4, 840 square yards.

47.2.3.177 UserInterface1Code

Definition: Type of user interface to display or print information.

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.

47.2.3.178 UserInterface6Code

Definition: Interface for the destination of a 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.
FILE	File	File used to store the message.
CHAP	CardholderApplication	Information dedicated to a software application related to a device belonging to the cardholder.
MRAP	MerchantApplication	Information dedicated to a software application related to a device belonging to the merchant.
MRIN	OtherMerchantInterface	Other interface of the merchant for instance e-mail or smartphone message.

47.2.3.179 UserInterface7Code

Definition: Clearing agent dedicated interface.

Type: CodeSet

CodeName	Name	Definition
OCAI	OtherClearingAgentInterface	Data dedicated to another interface maintained by the clearing agent.
CLRL	ClearingAgentLog	Data dedicated to a log maintained by the clearing agent.

CodeName	Name	Definition
CLRA	ClearingAgentApplication	Data dedicated to an application maintained by a clearing agent.

47.2.3.180 UserInterface8Code

Definition: User interface used in case of chargebacks.

Type: CodeSet

CodeName	Name	Definition
DSPU	Dispute	Interface used in case of disputes or chargebacks.
FILE	File	File used to store the message.
LOGF	Log	Information dedicated to a log file.
OTHP	OtherPrivate	Other type of interface defined at private level.
OTHN	OtherNational	Other type of interface defined at national level.

47.2.3.181 Verification3Code

Definition: Result of a verification.

Type: CodeSet

CodeName	Name	Definition
FAIL	Failed	Verification failed.
FUTA	FurtherAction	Further action required.
MISS	Missing	Information required to perform the verification was missing.
NOSP	NotSupported	Not support the verification type
NOVF	NotPerformed	Verification has not been performed.
OTHN	OtherNational	Other result of verification defined at national level.
OTHP	OtherPrivate	Other result of verification defined at private level.
PART	PartialMatch	Verification was partially successful.
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

47.2.3.182 VerificationEntity2Code

Definition: Type of verification entity.

Type: CodeSet

CodeName	Name	Definition
MERC	Acceptor	Acceptor (for example signature verification by the attendant).
ACQR	Acquirer	Acquirer of the transaction.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between (or on behalf of) an acquirer and an issuer.
ISSR	Issuer	Card issuer.
OTHN	OtherNational	Other type of authentication entity defined at national level.
OTHP	OtherPrivate	Other type of authentication entity defined at private level.
CDAD	AcceptanceDevice	Type of Device to accept payment
ICCA	CardApplication	Application in the smart card.

47.2.4 Date

47.2.4.1 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

47.2.5 DateTime

47.2.5.1 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

47.2.6 Indicator

47.2.6.1 TrueFalseIndicator

Definition: A flag indicating a True or False value.

Type: Indicator

Meaning When True: True

Meaning When False: False

47.2.6.2 YesNoIndicator

Definition: Indicates a "Yes" or "No" type of answer for an element.

Type: Indicator

Meaning When True: Yes

Meaning When False: No

47.2.7 SchemaType

47.2.7.1 boolean

Definition: W3C XML Schema Built-in datatype "boolean". ([Refer to the W3C recommendation on XML Schema](#))

Type: SchemaType

47.2.8 Quantity

47.2.8.1 DecimalNumber

Definition: Number of objects represented as a decimal number, for example 0.75 or 45.6.

Type: Quantity

Format

totalDigits 18

fractionDigits 17

47.2.8.2 Max10NumberFraction2

Definition: Number of objects represented as a decimal number, for example, 0.75 or 45.6.

Type: Quantity

Format

totalDigits 10

fractionDigits 2

47.2.8.3 Max10PositiveNumber

Definition: Number of objects represented as a positive integer.

Type: Quantity

Format

minInclusive	1
totalDigits	10
fractionDigits	0

47.2.8.4 Max1Number

Definition: Number (max 9) of objects represented as an integer.

Type: Quantity

Format

totalDigits	1
fractionDigits	0

47.2.8.5 Max5PositiveNumber

Definition: Number of objects represented as a positive integer.

Type: Quantity

Format

minInclusive	1
totalDigits	5
fractionDigits	0

47.2.8.6 Max6NumberFraction2

Definition: Number of objects represented as a decimal number, for example, 1234.75 or 0.06

Type: Quantity

Format

totalDigits	6
fractionDigits	2

47.2.8.7 Number

Definition: Number of objects represented as an integer.

Type: Quantity

Format

totalDigits	18
-------------	----

fractionDigits	0
----------------	---

47.2.9 Rate

47.2.9.1 BaseOne25Rate

Definition: Rate expressed as a decimal, for example, 0.7 is 7/10 and 70% with 13 fractional digits maximum and 25 total digits. May contain values larger than 1.

Type: Rate

Format

totalDigits	25
fractionDigits	13
baseValue	1.0

47.2.9.2 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

47.2.9.3 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

47.2.10 Text

47.2.10.1 Exact12Text

Definition: Specifies a character string with an exact length of 10 characters.

Type: Text

Format

length 12

47.2.10.2 Exact15Text

Definition: Specifies a character string with an exact length of 15 characters.

Type: Text

Format

length 15

47.2.10.3 Exact1HexBinaryText

Definition: Specifies a character string with an exact length of 1 binary bytes (2 hexadecimal text characters).

Used only for hex binary data only, supports only characters A-F and 0-9.

Type: Text

Format

pattern ([0-9A-F][0-9A-F]){1}

47.2.10.4 Exact1NumericText

Definition: Specifies a numeric string with an exact length of 1 digit.

Type: Text

Format

pattern [0-9]

47.2.10.5 Exact2NumericText

Definition: Specifies a numeric string with an exact length of 2 digits.

Type: Text

Format

pattern [0-9]{2}

47.2.10.6 Exact3NumericText

Definition: Specifies a numeric string with an exact length of 3 digits.

Type: Text

Format

pattern [0-9]{3}

47.2.10.7 Exact6AlphaNumericText

Definition: Specifies an alphanumeric string with a length of 6 characters.

Type: Text

Format

pattern	[a-zA-Z0-9\s]{6}
---------	------------------

47.2.10.8 GeographicPointInDecimalDegrees

Definition: Identifies a geographic point or location by geographic coordinates expressed in latitude/longitude decimal degrees only.

Type: Text

Format

maxLength	27
pattern	(\+ -)?[d]{1,3}(\.[d]{1,8})?/(\+ -)?[d]{1,3}(\.[d]{1,8})?

47.2.10.9 Max1000Text

Definition: Specifies a character string with a maximum length of 1000 characters.

Type: Text

Format

minLength	1
maxLength	1000

47.2.10.10 Max100Text

Definition: Specifies a character string with a maximum length of 100 characters.

Type: Text

Format

minLength	1
maxLength	100

47.2.10.11 Max104Text

Definition: Specifies a character string with a maximum length of 104 characters.

Type: Text

Format

minLength	1
maxLength	104

47.2.10.12 Max10KHexBinaryText

Definition: Specifies a character string with a maximum length of 10000 binary bytes (20000 hexadecimal text characters).

Used only for hex binary data only, supports only characters A-F and 0-9.

Type: Text

Format

pattern	([0-9A-F][0-9A-F]){1,10000}
---------	-----------------------------

47.2.10.13 Max10KText

Definition: Specifies a character string with a maximum length of 10 000 characters.

Type: Text

Format

minLength	1
maxLength	10000

47.2.10.14 Max10MbText

Definition: Specifies a character string with a maximum length of 10,000,000 characters.

Type: Text

Format

minLength	1
maxLength	10000000

47.2.10.15 Max10NumericText

Definition: Specifies a numeric string with a maximum length of 10 digits.

Type: Text

Format

pattern	[0-9]{1,10}
---------	-------------

47.2.10.16 Max10Text

Definition: Specifies a character string with a maximum length of 10 characters.

Type: Text

Format

minLength	1
maxLength	10

47.2.10.17 Max11NumericText

Definition: Specifies a numeric string with a maximum length of 11 digits.

Type: Text

Format

pattern	[0-9]{1,11}
---------	-------------

47.2.10.18 Max12NumericText

Definition: Specifies a numeric string with a maximum length of 12 digits

Type: Text

Format

pattern	[0-9]{1,12}
---------	-------------

47.2.10.19 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength	1
maxLength	140

47.2.10.20 Max15NumericText

Definition: Specifies a numeric string with a maximum length of 15 digits.

Type: Text

Format

pattern	[0-9]{1,15}
---------	-------------

47.2.10.21 Max15Text

Definition: Specifies a character string with a maximum length of 15 characters.

Type: Text

Format

minLength	1
maxLength	15

47.2.10.22 Max16HexBinaryText

Definition: Specifies a character string with a maximum length of 16 binary bytes (32 hexadecimal text characters).

Used only for hex binary data only, supports only characters A-F and 0-9.

Type: Text

Format

pattern ([0-9A-F][0-9A-F]){1,16}

47.2.10.23 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

47.2.10.24 Max19HexBinaryText

Definition: Specifies a character string with a maximum length of 19 binary bytes (38 hexadecimal text characters).

Used only for hex binary data only, supports only characters A-F and 0-9.

Type: Text

Format

pattern ([0-9A-F][0-9A-F]){1,19}

47.2.10.25 Max19NumericText

Definition: Specifies a numeric string with a maximum length of 19 digits.

Type: Text

Format

pattern [0-9]{1,19}

47.2.10.26 Max200Text

Definition: Specifies a character string with a maximum length of 200 characters.

Type: Text

Format

minLength	1
maxLength	200

47.2.10.27 Max2048Text

Definition: Specifies a character string with a maximum length of 2048 characters.

Type: Text

Format

minLength	1
maxLength	2048

47.2.10.28 Max20KText

Definition: Specifies a character string with a maximum length of 20 000 characters.

Type: Text

Format

minLength	1
maxLength	20000

47.2.10.29 Max20Text

Definition: Specifies a character string with a maximum length of 20 characters.

Type: Text

Format

minLength	1
maxLength	20

47.2.10.30 Max210Text

Definition: Specifies a character string with a maximum length of 210 characters.

Type: Text

Format

minLength	1
maxLength	210

47.2.10.31 Max23NumericText

Definition: Specifies a numeric string with a maximum length of 23 digits

Type: Text

Format

pattern	[0-9]{1,23}
---------	-------------

47.2.10.32 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

47.2.10.33 Max280Text

Definition: Specifies a character string with a maximum length of 280 characters.

Type: Text

Format

minLength	1
maxLength	280

47.2.10.34 Max2NumericText

Definition: Specifies a numeric string with a maximum length of 2 digits.

Type: Text

Format

pattern	[0-9]{1,2}
---------	------------

47.2.10.35 Max32HexBinaryText

Definition: Specifies a character string with a maximum length of 32 binary bytes (64 hexadecimal text characters).

Used only for hex binary data only, supports only characters A-F and 0-9.

Type: Text

Format

pattern	([0-9A-F][0-9A-F]){1,32}
---------	--------------------------

47.2.10.36 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format

minLength	1
maxLength	350

47.2.10.37 Max35NumericText

Definition: Specifies a numeric string with a maximum length of 35 digits.

Type: Text

Format

pattern	[0-9]{1,35}
---------	-------------

47.2.10.38 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

Type: Text

Format

minLength	1
maxLength	35

47.2.10.39 Max37Text

Definition: Specifies a character string with a maximum length of 37 characters.

Type: Text

Format

minLength	1
maxLength	37

47.2.10.40 Max3NumericText

Definition: Specifies a numeric string with a maximum length of 3 digits.

Type: Text

Format

pattern	[0-9]{1,3}
---------	------------

47.2.10.41 Max4000Text

Definition: Specifies a character string with a maximum length of 4000 characters.

Type: Text

Format

minLength	1
maxLength	4000

47.2.10.42 Max40KText

Definition: Specifies a character string with a maximum length of 40 000 characters.

Type: Text

Format

minLength	1
maxLength	40000

47.2.10.43 Max40Text

Definition: Specifies a character string with a maximum length of 40 characters.

Type: Text

Format

minLength	1
maxLength	40

47.2.10.44 Max4NumericText

Definition: Specifies a numeric string with a maximum length of 4 digits.

Type: Text

Format

pattern	[0-9]{1,4}
---------	------------

47.2.10.45 Max4Text

Definition: Specifies a character string with a maximum length of 4 characters.

Type: Text

Format

minLength	1
maxLength	4

47.2.10.46 Max500Text

Definition: Specifies a character string with a maximum length of 500 characters.

Type: Text

Format

minLength	1
maxLength	500

47.2.10.47 Max50Text

Definition: Specifies a character string with a maximum length of 50 characters.

Type: Text

Format

minLength	1
maxLength	50

47.2.10.48 Max512Text

Definition: Specifies a character string with a maximum length of 512 characters.

Type: Text

Format

minLength	1
maxLength	512

47.2.10.49 Max5NumericText

Definition: Specifies a numeric string with a maximum length of 5 digits.

Type: Text

Format

pattern	[0-9]{1,5}
---------	------------

47.2.10.50 Max6NumericText

Definition: Specifies a numeric string with a maximum length of 6 digits.

Type: Text

Format

pattern	[0-9]{1,6}
---------	------------

47.2.10.51 Max6Text

Definition: Specifies a character string with a maximum length of 6 characters.

Type: Text

Format

minLength	1
maxLength	6

47.2.10.52 Max70Text

Definition: Specifies a character string with a maximum length of 70characters.

Type: Text

Format

minLength	1
-----------	---

maxLength	70
-----------	----

47.2.10.53 Max76Text

Definition: Specifies a character string with a maximum length of 76 characters.

Type: Text

Format

minLength	1
maxLength	76

47.2.10.54 Max8HexBinaryText

Definition: Specifies a character string with a maximum length of 8 binary bytes (16 hexadecimal text characters).

Used only for hex binary data only, supports only characters A-F and 0-9.

Type: Text

Format

pattern	([0-9A-F][0-9A-F]){1,8}
---------	-------------------------

47.2.10.55 Max8NumericText

Definition: Specifies a numeric string with a maximum length of 8 digits.

Type: Text

Format

pattern	[0-9]{1,8}
---------	------------

47.2.10.56 Max9999HexBinaryText

Definition: Specifies a character string with a maximum length of 9999 binary bytes (19998 hexadecimal text characters).

Used only for hex binary data only, supports only characters A-F and 0-9.

Type: Text

Format

pattern	([0-9A-F][0-9A-F]){1,9999}
---------	----------------------------

47.2.10.57 Max99Text

Definition: Specifies a character string with a maximum length of 99 characters.

Type: Text

Format

minLength	1
maxLength	99

47.2.10.58 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}
---------	---------------

47.2.10.59 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}
---------	------------

47.2.10.60 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}
---------	------------------------------

47.2.11 Time**47.2.11.1 ISOTime**

Definition: A particular point in the progression of time in a calendar day expressed in either UTC time format (hh:mm:ss.sssZ), local time with UTC offset format (hh:mm:ss.sss+/-hh:mm), or local time format (hh: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: Time

47.2.12 YearMonth

47.2.12.1 ISOYearMonth

Definition: Month within a particular calendar year represented by YYYY-MM (ISO 8601).

Type: YearMonth