

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

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

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

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

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

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

<b>41</b>	<b>canm.001.001.03 NetworkManagementInitiationV03</b>	1217
41.1	MessageDefinition Functionality	1217
41.2	Structure	1218
41.3	Constraints	1219
41.4	Message Building Blocks	1219
<b>42</b>	<b>canm.002.001.03 NetworkManagementResponseV03</b>	1230
42.1	MessageDefinition Functionality	1230
42.2	Structure	1231
42.3	Constraints	1232
42.4	Message Building Blocks	1232
<b>43</b>	<b>canm.003.001.03 KeyExchangeInitiationV03</b>	1243
43.1	MessageDefinition Functionality	1243
43.2	Structure	1244
43.3	Constraints	1245
43.4	Message Building Blocks	1245
<b>44</b>	<b>canm.004.001.03 KeyExchangeResponseV03</b>	1262
44.1	MessageDefinition Functionality	1262
44.2	Structure	1263
44.3	Constraints	1264
44.4	Message Building Blocks	1264
<b>45</b>	<b>casr.001.001.02 SettlementReportingInitiationV02</b>	1282
45.1	MessageDefinition Functionality	1282
45.2	Structure	1283
45.3	Constraints	1285
45.4	Message Building Blocks	1285
<b>46</b>	<b>casr.002.001.02 SettlementReportingResponseV02</b>	1314
46.1	MessageDefinition Functionality	1314
46.2	Structure	1315
46.3	Constraints	1316
46.4	Message Building Blocks	1316
<b>47</b>	<b>Message Items Types</b>	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	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.
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	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.
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
<p>cain.020.001.02 AmendmentV02</p>	<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>
<p>cain.021.001.02 RetrievalInitiationV02</p>	<p>The RetrievalInitiation message is sent by an issuer or agent to an acquirer to retrieve the original transaction details.</p>
<p>cain.022.001.02 RetrievalResponseV02</p>	<p>The RetrievalResponse message is sent by an acquirer to an issuer or agent in response to an RetrievalInitiation message.</p>
<p>cain.023.001.02 CardManagementInitiationV02</p>	<p>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.</p>
<p>cain.024.001.02 CardManagementResponseV02</p>	<p>The CardManagementResponse message is sent by an issuer or an agent to an acquirer in response to a CardManagementInitiation message.</p>
<p>cain.025.001.02 AddendumInitiationV02</p>	<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>
<p>cain.026.001.02 AddendumResponseV02</p>	<p>The AddendumResponse message is sent by an issuer or an agent to an acquirer in response to an AddendumInitiation message.</p>
<p>cain.027.001.02 ChargeBackInitiationV02</p>	<p>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.</p>
<p>cain.028.001.02 ChargeBackResponseV02</p>	<p>The ChargeBackResponse message is sent by an acquirer or an agent to an issuer in response to an ChargeBackInitiation message.</p>
<p>canm.001.001.03 NetworkManagementInitiationV03</p>	<p>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.</p>
<p>canm.002.001.03 NetworkManagementResponseV03</p>	<p>The NetworkManagementResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a NetworkManagementInitiation message.</p>
<p>canm.003.001.03 KeyExchangeInitiationV03</p>	<p>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</p>

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]			
	<b>Header</b> <Hdr>	[1..1]	±		16
	<b>Body</b> <Body>	[1..1]			16
	<b>Environment</b> <Envt>	[1..1]			18
	<b>Originator</b> <Orgtr>	[0..1]	±		18
	<b>Sender</b> <Sndr>	[0..1]	±		19
	<b>Receiver</b> <Rcvr>	[0..1]	±		20
	<b>Destination</b> <Dstn>	[0..1]	±		21
	<b>Context</b> <Cntxt>	[0..1]			22
	<b>TransactionContext</b> <TxCntxt>	[0..1]			23
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		23
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			24
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		24
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		24
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		24
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		25
	<b>AdditionalData</b> <AddtlData>	[0..*]			25
	<b>Type</b> <Tp>	[0..1]	Text		26
	<b>Value</b> <Val>	[0..1]	Text		26
	<b>Transaction</b> <Tx>	[1..1]			26
	<b>BatchManagementType</b> <BtchMgmtTp>	[1..1]	CodeSet		28
	<b>OtherBatchManagementType</b> <OthrBtchMgmtTp>	[0..1]	Text		28
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		28
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		29
	<b>CollectionIdentification</b> <ColltnId>	[0..1]	Text		29
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		29
	<b>CollectionSize</b> <ColltnSz>	[0..1]	Quantity		30
	<b>OriginalCollectionIdentification</b> <OrgnlColltnId>	[0..1]	Text		30
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		30
	<b>NumberOfBatchesInCollection</b> <NbOfBtchsInColltn>	[0..1]	Quantity		30

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		30
	<b>RemainingMessagesInCollection</b> <RmngMsgsInColltn>	[0..1]	Quantity		31
	<b>MessageSequenceNumber</b> <MsgSeqNb>	[0..1]	Text		31
	<b>CollectionIdentificationList</b> <ColltnIdList>	[0..*]	Text		32
	<b>BatchIdentificationList</b> <BtchIdList>	[0..*]	Text		32
	<b>CheckpointIdentification</b> <ChckptId>	[0..1]	Text		32
	<b>CollectionChecksum</b> <ColltnChcksm>	[0..1]	Binary		32
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		32
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		32
	<b>MessagesBeforeAcknowledgement</b> <MsgsBfrAck>	[0..1]	Quantity		33
	<b>PositiveAcknowledgement</b> <PostvAck>	[0..1]	Indicator		33
	<b>AdditionalData</b> <AddtlData>	[0..*]			33
	<b>Type</b> <Tp>	[0..1]	Text		33
	<b>Value</b> <Val>	[0..1]	Text		33
	<b>Correction</b> <Crrctn>	[0..1]			33
	<b>Indicator</b> <Ind>	[0..1]	Indicator		34
	<b>Date</b> <Dt>	[0..1]	Date		34
	<b>Time</b> <Tm>	[0..1]	Time		34
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		34
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		34
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	37
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			18
	<b>Originator</b> <Orgtr>	[0..1]	±		18
	<b>Sender</b> <Sndr>	[0..1]	±		19
	<b>Receiver</b> <Rcvr>	[0..1]	±		20
	<b>Destination</b> <Dstn>	[0..1]	±		21
	<b>Context</b> <Cntxt>	[0..1]			22
	<b>TransactionContext</b> <TxCntxt>	[0..1]			23
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		23
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			24
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		24
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		24
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		24
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		25
	<b>AdditionalData</b> <AddtlData>	[0..*]			25
	<b>Type</b> <Tp>	[0..1]	Text		26
	<b>Value</b> <Val>	[0..1]	Text		26
	<b>Transaction</b> <Tx>	[1..1]			26
	<b>BatchManagementType</b> <BtchMgmtTp>	[1..1]	CodeSet		28
	<b>OtherBatchManagementType</b> <OthrBtchMgmtTp>	[0..1]	Text		28
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		28
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		29
	<b>CollectionIdentification</b> <Colltnld>	[0..1]	Text		29
	<b>BatchIdentification</b> <Btchld>	[0..1]	Text		29
	<b>CollectionSize</b> <ColltnSz>	[0..1]	Quantity		30
	<b>OriginalCollectionIdentification</b> <OrgnlColltnld>	[0..1]	Text		30
	<b>OriginalBatchIdentification</b> <OrgnlBtchld>	[0..1]	Text		30
	<b>NumberOfBatchesInCollection</b> <NbOfBtchsInColltn>	[0..1]	Quantity		30
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		30
	<b>RemainingMessagesInCollection</b> <RmngMsgsInColltn>	[0..1]	Quantity		31
	<b>MessageSequenceNumber</b> <MsgSeqNb>	[0..1]	Text		31

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CollectionIdentificationList</b> <ColltnIdList>	[0..*]	Text		32
	<b>BatchIdentificationList</b> <BtchIdList>	[0..*]	Text		32
	<b>CheckpointIdentification</b> <ChckptId>	[0..1]	Text		32
	<b>CollectionChecksum</b> <ColltnChcksm>	[0..1]	Binary		32
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		32
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		32
	<b>MessagesBeforeAcknowledgement</b> <MsgsBfrAck>	[0..1]	Quantity		33
	<b>PositiveAcknowledgement</b> <PostvAck>	[0..1]	Indicator		33
	<b>AdditionalData</b> <AddtlData>	[0..*]			33
	<b>Type</b> <Tp>	[0..1]	Text		33
	<b>Value</b> <Val>	[0..1]	Text		33
	<b>Correction</b> <Crrctn>	[0..1]			33
	<b>Indicator</b> <Ind>	[0..1]	Indicator		34
	<b>Date</b> <Dt>	[0..1]	Date		34
	<b>Time</b> <Tm>	[0..1]	Time		34
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		34
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		34
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		18
	<b>Sender</b> <Sndr>	[0..1]	±		19
	<b>Receiver</b> <Rcvr>	[0..1]	±		20
	<b>Destination</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			23
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		23
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			24
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		24
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		24
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		24
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		25
	<b>AdditionalData</b> <AddtlData>	[0..*]			25
	<b>Type</b> <Tp>	[0..1]	Text		26
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		23
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			24
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		24
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		24
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		24
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		25
	<b>AdditionalData</b> <AddtlData>	[0..*]			25
	<b>Type</b> <Tp>	[0..1]	Text		26
	<b>Value</b> <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 <CardPgrmmApld>** 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		24
	<b>DomesticQualification</b> <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 <StlmSvc>

*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 <AddtIData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		26
	<b>Value &lt;Val&gt;</b>	[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
	<b>BatchManagementType</b> <BtchMgmtTp>	[1..1]	CodeSet		28
	<b>OtherBatchManagementType</b> <OthrBtchMgmtTp>	[0..1]	Text		28
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		28
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		29
	<b>CollectionIdentification</b> <ColltnId>	[0..1]	Text		29
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		29
	<b>CollectionSize</b> <ColltnSz>	[0..1]	Quantity		30
	<b>OriginalCollectionIdentification</b> <OrgnlColltnId>	[0..1]	Text		30
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		30
	<b>NumberOfBatchesInCollection</b> <NbOfBtchsInColltn>	[0..1]	Quantity		30
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		30
	<b>RemainingMessagesInCollection</b> <RmngMsgsInColltn>	[0..1]	Quantity		31
	<b>MessageSequenceNumber</b> <MsgSeqNb>	[0..1]	Text		31
	<b>CollectionIdentificationList</b> <ColltnIdList>	[0..*]	Text		32
	<b>BatchIdentificationList</b> <BtchIdList>	[0..*]	Text		32
	<b>CheckpointIdentification</b> <ChckptId>	[0..1]	Text		32
	<b>CollectionChecksum</b> <ColltnChcksm>	[0..1]	Binary		32
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		32
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		32
	<b>MessagesBeforeAcknowledgement</b> <MsgsBfrAck>	[0..1]	Quantity		33
	<b>PositiveAcknowledgement</b> <PostvAck>	[0..1]	Indicator		33
	<b>AdditionalData</b> <AddtlData>	[0..*]			33
	<b>Type</b> <Tp>	[0..1]	Text		33
	<b>Value</b> <Val>	[0..1]	Text		33
	<b>Correction</b> <Crrctn>	[0..1]			33
	<b>Indicator</b> <Ind>	[0..1]	Indicator		34
	<b>Date</b> <Dt>	[0..1]	Date		34
	<b>Time</b> <Tm>	[0..1]	Time		34
	<b>ContinuationIndicator</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		33
	<b>Value</b> <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
	<b>Indicator &lt;Ind&gt;</b>	[0..1]	Indicator		34
	<b>Date &lt;Dt&gt;</b>	[0..1]	Date		34
	<b>Time &lt;Tm&gt;</b>	[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 <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
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 <Othrlld>	[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 <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

### 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 <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		42
	<b>Body</b> <Body>	[1..1]			42
	<b>Environment</b> <Envt>	[1..1]			44
	<b>Originator</b> <Orgtr>	[0..1]	±		44
	<b>Sender</b> <Sndr>	[0..1]	±		45
	<b>Receiver</b> <Rcvr>	[0..1]	±		46
	<b>Destination</b> <Dstn>	[0..1]	±		47
	<b>Context</b> <Cntxt>	[0..1]			48
	<b>TransactionContext</b> <TxCntxt>	[0..1]			49
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		49
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			50
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		50
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		50
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		50
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		51
	<b>AdditionalData</b> <AddtlData>	[0..*]			51
	<b>Type</b> <Tp>	[0..1]	Text		52
	<b>Value</b> <Val>	[0..1]	Text		52
	<b>Transaction</b> <Tx>	[1..1]			52
	<b>BatchManagementType</b> <BtchMgmtTp>	[1..1]	CodeSet		54
	<b>OtherBatchManagementType</b> <OthrBtchMgmtTp>	[0..1]	Text		54
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		54
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		55
	<b>CollectionIdentification</b> <ColltnId>	[0..1]	Text		55
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		55
	<b>CollectionSize</b> <ColltnSz>	[0..1]	Quantity		56
	<b>OriginalCollectionIdentification</b> <OrgnlColltnId>	[0..1]	Text		56
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		56
	<b>NumberOfBatchesInCollection</b> <NbOfBtchsInColltn>	[0..1]	Quantity		56

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		56
	<b>RemainingMessagesInCollection</b> <RmngMsgsInColltn>	[0..1]	Quantity		57
	<b>MessageSequenceNumber</b> <MsgSeqNb>	[0..1]	Text		57
	<b>CollectionIdentificationList</b> <ColltnIdList>	[0..*]	Text		58
	<b>BatchIdentificationList</b> <BtchIdList>	[0..*]	Text		58
	<b>CheckpointIdentification</b> <ChckptId>	[0..1]	Text		58
	<b>CollectionChecksum</b> <ColltnChcksm>	[0..1]	Binary		58
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		58
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		58
	<b>MessagesBeforeAcknowledgement</b> <MsgsBfrAck>	[0..1]	Quantity		59
	<b>PositiveAcknowledgement</b> <PostvAck>	[0..1]	Indicator		59
	<b>AdditionalData</b> <AddtlData>	[0..*]			59
	<b>Type</b> <Tp>	[0..1]	Text		59
	<b>Value</b> <Val>	[0..1]	Text		59
	<b>Correction</b> <Crrctn>	[0..1]			59
	<b>Indicator</b> <Ind>	[0..1]	Indicator		60
	<b>Date</b> <Dt>	[0..1]	Date		60
	<b>Time</b> <Tm>	[0..1]	Time		60
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		60
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		60
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		61
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	64
	<b>SecurityTrailer</b> <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 <PrctlVrsn>	[1..1]	Text		1756
	ExchangeIdentification <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			44
	<b>Originator</b> <Orgtr>	[0..1]	±		44
	<b>Sender</b> <Sndr>	[0..1]	±		45
	<b>Receiver</b> <Rcvr>	[0..1]	±		46
	<b>Destination</b> <Dstn>	[0..1]	±		47
	<b>Context</b> <Cntxt>	[0..1]			48
	<b>TransactionContext</b> <TxCntxt>	[0..1]			49
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		49
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			50
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		50
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		50
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		50
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		51
	<b>AdditionalData</b> <AddtlData>	[0..*]			51
	<b>Type</b> <Tp>	[0..1]	Text		52
	<b>Value</b> <Val>	[0..1]	Text		52
	<b>Transaction</b> <Tx>	[1..1]			52
	<b>BatchManagementType</b> <BtchMgmtTp>	[1..1]	CodeSet		54
	<b>OtherBatchManagementType</b> <OthrBtchMgmtTp>	[0..1]	Text		54
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		54
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		55
	<b>CollectionIdentification</b> <Colltnld>	[0..1]	Text		55
	<b>BatchIdentification</b> <Btchld>	[0..1]	Text		55
	<b>CollectionSize</b> <ColltnSz>	[0..1]	Quantity		56
	<b>OriginalCollectionIdentification</b> <OrgnlColltnld>	[0..1]	Text		56
	<b>OriginalBatchIdentification</b> <OrgnlBtchld>	[0..1]	Text		56
	<b>NumberOfBatchesInCollection</b> <NbOfBtchsInColltn>	[0..1]	Quantity		56
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		56
	<b>RemainingMessagesInCollection</b> <RmngMsgsInColltn>	[0..1]	Quantity		57
	<b>MessageSequenceNumber</b> <MsgSeqNb>	[0..1]	Text		57

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CollectionIdentificationList</b> <ColltnIdList>	[0..*]	Text		58
	<b>BatchIdentificationList</b> <BtchIdList>	[0..*]	Text		58
	<b>CheckpointIdentification</b> <ChckptId>	[0..1]	Text		58
	<b>CollectionChecksum</b> <ColltnChcksm>	[0..1]	Binary		58
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		58
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		58
	<b>MessagesBeforeAcknowledgement</b> <MsgsBfrAck>	[0..1]	Quantity		59
	<b>PositiveAcknowledgement</b> <PostvAck>	[0..1]	Indicator		59
	<b>AdditionalData</b> <AddtlData>	[0..*]			59
	<b>Type</b> <Tp>	[0..1]	Text		59
	<b>Value</b> <Val>	[0..1]	Text		59
	<b>Correction</b> <Crrctn>	[0..1]			59
	<b>Indicator</b> <Ind>	[0..1]	Indicator		60
	<b>Date</b> <Dt>	[0..1]	Date		60
	<b>Time</b> <Tm>	[0..1]	Time		60
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		60
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		60
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		61
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		44
	<b>Sender</b> <Sndr>	[0..1]	±		45
	<b>Receiver</b> <Rcvr>	[0..1]	±		46
	<b>Destination</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			49
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		49
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			50
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		50
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		50
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		50
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		51
	<b>AdditionalData</b> <AddtlData>	[0..*]			51
	<b>Type</b> <Tp>	[0..1]	Text		52
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		49
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			50
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		50
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		50
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		50
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		51
	<b>AdditionalData</b> <AddtlData>	[0..*]			51
	<b>Type</b> <Tp>	[0..1]	Text		52
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		50
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		50

##### 3.4.2.2.1.2.1 DomesticIndicator <Dmstlnd>

*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
	<b>Type</b> <Tp>	[0..1]	Text		52
	<b>Value</b> <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
	<b>BatchManagementType</b> <BtchMgmtTp>	[1..1]	CodeSet		54
	<b>OtherBatchManagementType</b> <OthrBtchMgmtTp>	[0..1]	Text		54
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		54
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		55
	<b>CollectionIdentification</b> <ColltnId>	[0..1]	Text		55
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		55
	<b>CollectionSize</b> <ColltnSz>	[0..1]	Quantity		56
	<b>OriginalCollectionIdentification</b> <OrgnlColltnId>	[0..1]	Text		56
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		56
	<b>NumberOfBatchesInCollection</b> <NbOfBtchsInColltn>	[0..1]	Quantity		56
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		56
	<b>RemainingMessagesInCollection</b> <RmngMsgsInColltn>	[0..1]	Quantity		57
	<b>MessageSequenceNumber</b> <MsgSeqNb>	[0..1]	Text		57
	<b>CollectionIdentificationList</b> <ColltnIdList>	[0..*]	Text		58
	<b>BatchIdentificationList</b> <BtchIdList>	[0..*]	Text		58
	<b>CheckpointIdentification</b> <ChckptId>	[0..1]	Text		58
	<b>CollectionChecksum</b> <ColltnChcksm>	[0..1]	Binary		58
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		58
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		58
	<b>MessagesBeforeAcknowledgement</b> <MsgsBfrAck>	[0..1]	Quantity		59
	<b>PositiveAcknowledgement</b> <PostvAck>	[0..1]	Indicator		59
	<b>AdditionalData</b> <AddtlData>	[0..*]			59
	<b>Type</b> <Tp>	[0..1]	Text		59
	<b>Value</b> <Val>	[0..1]	Text		59
	<b>Correction</b> <Crrctn>	[0..1]			59
	<b>Indicator</b> <Ind>	[0..1]	Indicator		60
	<b>Date</b> <Dt>	[0..1]	Date		60
	<b>Time</b> <Tm>	[0..1]	Time		60
	<b>ContinuationIndicator</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		59
	<b>Value</b> <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
	<b>Indicator &lt;Ind&gt;</b>	[0..1]	Indicator		60
	<b>Date &lt;Dt&gt;</b>	[0..1]	Date		60
	<b>Time &lt;Tm&gt;</b>	[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 <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
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 <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

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 <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[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> <BtchTrflnitn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		70
	<b>Body</b> <Body>	[1..1]			70
	<b>Environment</b> <Envt>	[1..1]			73
	<b>Originator</b> <Orgtr>	[0..1]	±		74
	<b>Destination</b> <Dstn>	[1..1]	±		74
	<b>Context</b> <Cntxt>	[0..1]			74
	<b>TransactionContext</b> <TxCntxt>	[0..1]			75
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		75
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			76
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		76
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		76
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		76
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		77
	<b>AdditionalData</b> <AddtlData>	[0..*]			77
	<b>Type</b> <Tp>	[0..1]	Text		78
	<b>Value</b> <Val>	[0..1]	Text		78
	<b>Transaction</b> <Tx>	[1..1]			78
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		81
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		81
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		81
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		81
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		82
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		82
	<b>ClearingBatchData</b> <ClrBtchData>	[0..*]			82
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		83
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		83
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		83
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		83
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			84

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

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		93
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		94
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		94
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		94
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		94
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		94
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		94
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		94
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		94
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		95
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		95
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		95
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		95
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		95
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		95
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		95
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		95
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		95
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		96
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		96
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		96
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		96
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		96
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		96
	<b>AdditionalData</b> <AddtlData>	[0..*]			96
	<b>Type</b> <Tp>	[0..1]	Text		97
	<b>Value</b> <Val>	[0..1]	Text		97
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		97
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		97
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	100
	<b>SecurityTrailer</b> <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 <MsgFctr>	[1..1]	CodeSet		1752
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1753
	ExchangeIdentification <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			73
	<b>Originator</b> <Orgtr>	[0..1]	±		74
	<b>Destination</b> <Dstn>	[1..1]	±		74
	<b>Context</b> <Cntxt>	[0..1]			74
	<b>TransactionContext</b> <TxCntxt>	[0..1]			75
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		75
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			76
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		76
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		76
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		76
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		77
	<b>AdditionalData</b> <AddtlData>	[0..*]			77
	<b>Type</b> <Tp>	[0..1]	Text		78
	<b>Value</b> <Val>	[0..1]	Text		78
	<b>Transaction</b> <Tx>	[1..1]			78
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		81
	<b>BatchIdentification</b> <Btchld>	[0..1]	Text		81
	<b>OriginalBatchIdentification</b> <OrgnlBtchld>	[0..1]	Text		81
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		81
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		82
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		82
	<b>ClearingBatchData</b> <ClrBtchData>	[0..*]			82
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		83
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		83
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		83
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		83
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			84
	<b>Count</b> <Cnt>	[1..1]	Quantity		84
	<b>AccumulatedAmount</b> <AcmltdAmt>	[1..1]	±		84
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		84
	<b>AgentFee</b> <AgtFee>	[0..1]	±		84

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>FraudReportingInitiation</b> <FrdRptgInitm>	[1..1]	Binary		94
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		94
Or	<b>InquiryInitiation</b> <NqryInitm>	[1..1]	Binary		94
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		94
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitm>	[1..1]	Binary		94
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		95
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitm>	[1..1]	Binary		95
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		95
Or	<b>ReconciliationInitiation</b> <RcncltnInitm>	[1..1]	Binary		95
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		95
Or	<b>RetrievalInitiation</b> <RtrvlInitm>	[1..1]	Binary		95
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		95
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitm>	[1..1]	Binary		95
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		95
Or	<b>ReversalInitiation</b> <RvslInitm>	[1..1]	Binary		96
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		96
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitm>	[1..1]	Binary		96
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		96
Or	<b>VerificationInitiation</b> <VrfctnInitm>	[1..1]	Binary		96
Or	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		96
	<b>AdditionalData</b> <AddtlData>	[0..*]			96
	<b>Type</b> <Tp>	[0..1]	Text		97
	<b>Value</b> <Val>	[0..1]	Text		97
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		97
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		97
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		74
	<b>Destination</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			75
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		75
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			76
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		76
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		76
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		76
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		77
	<b>AdditionalData</b> <AddtlData>	[0..*]			77
	<b>Type</b> <Tp>	[0..1]	Text		78
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		75
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			76
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		76
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		76
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		76
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		77
	<b>AdditionalData</b> <AddtlData>	[0..*]			77
	<b>Type</b> <Tp>	[0..1]	Text		78
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		76
	<b>DomesticQualification</b> <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 <AddtIData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		78
	<b>Value</b> <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
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		81
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		81
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		81
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		81
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		82
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		82
	<b>ClearingBatchData</b> <ClrBtchData>	[0..*]			82
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		83
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		83
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		83
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		83
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			84
	<b>Count</b> <Cnt>	[1..1]	Quantity		84
	<b>AccumulatedAmount</b> <AcmltdAmt>	[1..1]	±		84
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		84
	<b>AgentFee</b> <AgtFee>	[0..1]	±		84
	<b>ClearingControlTotals</b> <ClrCtrlTtls>	[0..1]			85
	<b>ClearingControlCount</b> <ClrCtrlCnt>	[1..1]	Quantity		85
	<b>ClearingControlAmount</b> <ClrCtrlAmt>	[1..1]	±		85
	<b>AgentData</b> <AgtData>	[0..*]			85
	<b>Recipient</b> <Rcpt>	[0..1]	CodeSet		86
	<b>Target</b> <Trgt>	[0..*]	CodeSet		86
	<b>Format</b> <Frmt>	[0..1]	CodeSet		86
	<b>Value</b> <Val>	[1..1]	Text		87
	<b>Record</b> <Rcrd>	[0..*]			87
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		89
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		89
	<b>ClearingRecordData</b> <ClrRcrdData>	[0..1]	±		89
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			90
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		92
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		92

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>ReversalResponse</b> <RvsIRspn>	[1..1]	Binary		96
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		96
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		96
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		96
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		96
	<b>AdditionalData</b> <AddtlData>	[0..*]			96
	<b>Type</b> <Tp>	[0..1]	Text		97
	<b>Value</b> <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
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		83
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		83
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		83
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		83
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			84
	<b>Count</b> <Cnt>	[1..1]	Quantity		84
	<b>AccumulatedAmount</b> <AcmltdAmt>	[1..1]	±		84
	<b>InterchangeFee</b> <IntrchgFee>	[0..1]	±		84
	<b>AgentFee</b> <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
	<b>Recipient</b> <Rcpt>	[0..1]	CodeSet		86
	<b>Target</b> <Trgt>	[0..*]	CodeSet		86
	<b>Format</b> <Frmt>	[0..1]	CodeSet		86
	<b>Value</b> <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
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		89
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		89
	<b>ClearingRecordData</b> <ClrRcrdData>	[0..1]	±		89
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			90
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		92
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		92
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		92
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		92
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		92
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		92
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		93
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		93
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		93
Or	<b>Error</b> <Err>	[1..1]	Binary		93
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		93
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		93
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		93
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		93
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		93
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		94
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		94
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		94
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		94
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		94
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		94
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		94
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		94
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		95
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		95
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		95
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		95

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		95
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		95
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		95
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFifmtInitn>	[1..1]	Binary		95
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFifmtRspn>	[1..1]	Binary		95
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		96
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		96
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		96
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		96
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		96
Or}	<b>VerificationResponse</b> <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 <Dstrn>	[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 <IntrchnngFee>	[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 <IntrchnngFee>	[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	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		92
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		92
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		92
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		92
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		92
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		92
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		93
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		93
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		93
Or	<b>Error</b> <Err>	[1..1]	Binary		93
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		93
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		93
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		93
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		93
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		93
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		94
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		94
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		94
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		94
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		94
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		94
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		94
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		94
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		95
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		95
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		95
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		95
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		95
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		95
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		95
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmltInitn>	[1..1]	Binary		95

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

*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 <RcncltnInittn>**

*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 <RtrvlInittn>**

*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 <RtrvlFfmtInittn>**

*Presence:* [1..1]

*Definition:* Retrieval fulfilment initiation message record.

*Datatype:* "Max2MBBinary" on page 2111

#### **4.4.2.3.10.4.32 RetrievalFulfilmentResponse <RtrvlFfmtRspn>**

*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 <StlmRptgInitn>**

*Presence:* [1..1]

*Definition:* Settlement reporting initiation message record.

*Datatype:* "Max2MBBinary" on page 2111

**4.4.2.3.10.4.36 SettlementReportingResponse <StlmRptgRspn>**

*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
	<b>Type</b> <Tp>	[0..1]	Text		97
	<b>Value</b> <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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		106
	<b>Body</b> <Body>	[1..1]			106
	<b>Environment</b> <Envt>	[1..1]			109
	<b>Originator</b> <Orgtr>	[0..1]	±		110
	<b>Destination</b> <Dstn>	[1..1]	±		110
	<b>Context</b> <Cntxt>	[0..1]			110
	<b>TransactionContext</b> <TxCntxt>	[0..1]			111
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		111
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			112
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		112
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		112
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		112
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		113
	<b>AdditionalData</b> <AddtlData>	[0..*]			113
	<b>Type</b> <Tp>	[0..1]	Text		114
	<b>Value</b> <Val>	[0..1]	Text		114
	<b>Transaction</b> <Tx>	[1..1]			114
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		117
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		117
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		117
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		117
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		118
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		118
	<b>ClearingBatchData</b> <ClrBtchData>	[0..*]			118
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		119
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		119
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		119
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		119
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			120

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

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		129
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		130
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		130
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		130
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		130
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		130
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		130
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		130
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		130
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		131
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		131
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		131
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		131
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		131
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		131
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		131
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		131
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		131
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		132
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		132
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		132
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		132
Or	<b>VerificationInitiation</b> <VrftcnInitn>	[1..1]	Binary		132
Or}	<b>VerificationResponse</b> <VrftcnRspn>	[1..1]	Binary		132
	<b>AdditionalData</b> <AddtlData>	[0..*]			132
	<b>Type</b> <Tp>	[0..1]	Text		133
	<b>Value</b> <Val>	[0..1]	Text		133
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		133
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		133
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	136
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			109
	<b>Originator</b> <Orgtr>	[0..1]	±		110
	<b>Destination</b> <Dstn>	[1..1]	±		110
	<b>Context</b> <Cntxt>	[0..1]			110
	<b>TransactionContext</b> <TxCntxt>	[0..1]			111
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		111
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			112
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		112
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		112
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		112
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		113
	<b>AdditionalData</b> <AddtlData>	[0..*]			113
	<b>Type</b> <Tp>	[0..1]	Text		114
	<b>Value</b> <Val>	[0..1]	Text		114
	<b>Transaction</b> <Tx>	[1..1]			114
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		117
	<b>BatchIdentification</b> <Btchld>	[0..1]	Text		117
	<b>OriginalBatchIdentification</b> <OrgnlBtchld>	[0..1]	Text		117
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		117
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		118
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		118
	<b>ClearingBatchData</b> <ClrBtchData>	[0..*]			118
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		119
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		119
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		119
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		119
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			120
	<b>Count</b> <Cnt>	[1..1]	Quantity		120
	<b>AccumulatedAmount</b> <AcmltdAmt>	[1..1]	±		120
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		120
	<b>AgentFee</b> <AgtFee>	[0..1]	±		120

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		130
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		130
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		130
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		130
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		130
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		131
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		131
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		131
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		131
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		131
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		131
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		131
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		131
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		131
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		132
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		132
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		132
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		132
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		132
Or	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		132
	<b>AdditionalData</b> <AddtlData>	[0..*]			132
	<b>Type</b> <Tp>	[0..1]	Text		133
	<b>Value</b> <Val>	[0..1]	Text		133
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		133
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		133
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		110
	<b>Destination</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			111
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		111
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			112
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		112
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		112
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		112
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		113
	<b>AdditionalData</b> <AddtlData>	[0..*]			113
	<b>Type</b> <Tp>	[0..1]	Text		114
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		111
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			112
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		112
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		112
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		112
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		113
	<b>AdditionalData</b> <AddtlData>	[0..*]			113
	<b>Type</b> <Tp>	[0..1]	Text		114
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		112
	<b>DomesticQualification</b> <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 <AddtIData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		114
	<b>Value &lt;Val&gt;</b>	[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
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		117
	<b>BatchIdentification</b> <BtchId>	[0..1]	Text		117
	<b>OriginalBatchIdentification</b> <OrgnlBtchId>	[0..1]	Text		117
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		117
	<b>BatchChecksum</b> <BtchChcksm>	[0..1]	Binary		118
	<b>RequestAcknowledgement</b> <ReqAck>	[0..1]	Indicator		118
	<b>ClearingBatchData</b> <ClrBtchData>	[0..*]			118
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		119
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		119
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		119
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		119
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			120
	<b>Count</b> <Cnt>	[1..1]	Quantity		120
	<b>AccumulatedAmount</b> <AcmltdAmt>	[1..1]	±		120
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		120
	<b>AgentFee</b> <AgtFee>	[0..1]	±		120
	<b>ClearingControlTotals</b> <ClrCtrlTtls>	[0..1]			121
	<b>ClearingControlCount</b> <ClrCtrlCnt>	[1..1]	Quantity		121
	<b>ClearingControlAmount</b> <ClrCtrlAmt>	[1..1]	±		121
	<b>AgentData</b> <AgtData>	[0..*]			121
	<b>Recipient</b> <Rcpt>	[0..1]	CodeSet		122
	<b>Target</b> <Trgt>	[0..*]	CodeSet		122
	<b>Format</b> <Frmt>	[0..1]	CodeSet		122
	<b>Value</b> <Val>	[1..1]	Text		123
	<b>Record</b> <Rcrd>	[0..*]			123
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		125
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		125
	<b>ClearingRecordData</b> <ClrRcrdData>	[0..1]	±		125
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			126
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		128
Or	<b>AddendumResponse</b> <AdddmRsprn>	[1..1]	Binary		128

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>ReversalResponse</b> <RvsIRspn>	[1..1]	Binary		132
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		132
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		132
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		132
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		132
	<b>AdditionalData</b> <AddtlData>	[0..*]			132
	<b>Type</b> <Tp>	[0..1]	Text		133
	<b>Value</b> <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
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		119
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		119
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		119
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		119
	<b>ClearingTotals</b> <ClrTtls>	[0..1]			120
	<b>Count</b> <Cnt>	[1..1]	Quantity		120
	<b>AccumulatedAmount</b> <AcmltdAmt>	[1..1]	±		120
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		120
	<b>AgentFee</b> <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
	<b>Recipient</b> <Rcpt>	[0..1]	CodeSet		122
	<b>Target</b> <Trgt>	[0..*]	CodeSet		122
	<b>Format</b> <Frmt>	[0..1]	CodeSet		122
	<b>Value</b> <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
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		125
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		125
	<b>ClearingRecordData</b> <ClrRcrdData>	[0..1]	±		125
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			126
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		128
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		128
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		128
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		128
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		128
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		128
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		129
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		129
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		129
Or	<b>Error</b> <Err>	[1..1]	Binary		129
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		129
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		129
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		129
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		129
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		129
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		130
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		130
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		130
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		130
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		130
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		130
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		130
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		130
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		131
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		131
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		131
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		131

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>RetrievalFulfilmentResponse</b> <RtrvIFlmtRspn>	[1..1]	Binary		131
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		132
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		132
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		132
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		132
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		132
Or}	<b>VerificationResponse</b> <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 <NtwkMgmtInitn>**

*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 <RcncltnInitn>**

*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 <RtrvlInitn>**

*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 <RtrvlFfmtInitn>**

*Presence:* [1..1]

*Definition:* Retrieval fulfilment initiation message record.

*Datatype:* "Max2MBBinary" on page 2111

#### **5.4.2.3.10.4.32 RetrievalFulfilmentResponse <RtrvlFfmtRspn>**

*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
	<b>Type</b> <Tp>	[0..1]	Text		133
	<b>Value</b> <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 <PrcgRslt>***Presence:* [1..1]*Definition:* Outcome of 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

**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 <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

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

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

## 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
	<b>Environment</b> <Envt>	[1..1]			143
	<b>Originator</b> <Orgtr>	[0..1]	±		143
	<b>Sender</b> <Sndr>	[0..1]	±		144
	<b>Receiver</b> <Rcvr>	[0..1]	±		145
	<b>Destination</b> <Dstn>	[0..1]	±		146
	<b>Context</b> <Cntxt>	[0..1]			147
	<b>TransactionContext</b> <TxCntxt>	[0..1]			148
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		148
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			149
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		149
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		149
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		149
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		150
	<b>AdditionalData</b> <AddtlData>	[0..*]			150
	<b>Type</b> <Tp>	[0..1]	Text		151
	<b>Value</b> <Val>	[0..1]	Text		151
	<b>Transaction</b> <Tx>	[1..1]			151
	<b>ReconciliationFunction</b> <RcncltnFctn>	[1..1]	CodeSet		152
	<b>ReconciliationActivityType</b> <RcncltnActvtyTp>	[0..1]	CodeSet		152
	<b>OtherReconciliationActivityType</b> <OthrRcncltnActvtyTp>	[0..1]	Text		153
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		153
	<b>OtherReconciliationType</b> <OthrRcncltnTp>	[0..1]	Text		153
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		153
	<b>RequestedCurrency</b> <ReqdCcy>	[0..*]	Text		154
	<b>ReconciliationTotals</b> <RcncltnTtls>	[0..*]			154
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		154
	<b>FinancialReconciliation</b> <FinRcncltn>	[0..*]	±		155
	<b>MessageReconciliation</b> <MsgRcncltn>	[0..*]	±		155
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		155
	<b>Currency</b> <Ccy>	[1..1]	Text		156

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NetAmountReconciliation</b> <NetAmtRcncltn>	[0..1]	±		156
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		156
	<b>AdditionalData</b> <AddtlData>	[0..*]			157
	<b>Type</b> <Tp>	[0..1]	Text		157
	<b>Value</b> <Val>	[0..1]	Text		157
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		157
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		143
	<b>Sender</b> <Sndr>	[0..1]	±		144
	<b>Receiver</b> <Rcvr>	[0..1]	±		145
	<b>Destination</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			148
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		148
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			149
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		149
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		149
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		149
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		150
	<b>AdditionalData</b> <AddtlData>	[0..*]			150
	<b>Type</b> <Tp>	[0..1]	Text		151
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		148
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			149
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		149
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		149
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		149
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		150
	<b>AdditionalData</b> <AddtlData>	[0..*]			150
	<b>Type</b> <Tp>	[0..1]	Text		151
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		149
	<b>DomesticQualification</b> <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 <StlmSvc>

*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
	<b>Type</b> <Tp>	[0..1]	Text		151
	<b>Value</b> <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
	<b>ReconciliationFunction</b> <RcncltnFctn>	[1..1]	CodeSet		152
	<b>ReconciliationActivityType</b> <RcncltnActvtyTp>	[0..1]	CodeSet		152
	<b>OtherReconciliationActivityType</b> <OthrRcncltnActvtyTp>	[0..1]	Text		153
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		153
	<b>OtherReconciliationType</b> <OthrRcncltnTp>	[0..1]	Text		153
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		153
	<b>RequestedCurrency</b> <ReqdCcy>	[0..*]	Text		154
	<b>ReconciliationTotals</b> <RcncltnTtls>	[0..*]			154
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		154
	<b>FinancialReconciliation</b> <FinRcncltn>	[0..*]	±		155
	<b>MessageReconciliation</b> <MsgRcncltn>	[0..*]	±		155
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		155
	<b>Currency</b> <Ccy>	[1..1]	Text		156
	<b>NetAmountReconciliation</b> <NetAmtRcncltn>	[0..1]	±		156
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		156
	<b>AdditionalData</b> <AddtlData>	[0..*]			157
	<b>Type</b> <Tp>	[0..1]	Text		157
	<b>Value</b> <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
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		154
	<b>FinancialReconciliation</b> <FinRcncltn>	[0..*]	±		155
	<b>MessageReconciliation</b> <MsgRcncltn>	[0..*]	±		155
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		155
	<b>Currency</b> <Ccy>	[1..1]	Text		156
	<b>NetAmountReconciliation</b> <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 <AddtIFeeRcnccltn>** contains the following elements (see "[AdditionalFeeReconciliation2](#)" on page 1900 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReconciliationImpact <RcnccltnImpct>	[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 <NetAmtRcnccltn>

*Presence:* [0..1]

*Definition:* Net amount of reconciliation.

ISO 8583:87/93 bit 97

**NetAmountReconciliation <NetAmtRcnccltn>** 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 <AddtIFee>

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		157
	<b>Value &lt;Val&gt;</b>	[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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

#### 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 <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		164
	<b>Body</b> <Body>	[1..1]			165
	<b>Environment</b> <Envt>	[1..1]			167
	<b>Originator</b> <Orgtr>	[0..1]	±		167
	<b>Sender</b> <Sndr>	[0..1]	±		168
	<b>Receiver</b> <Rcvr>	[0..1]	±		169
	<b>Destination</b> <Dstn>	[0..1]	±		170
	<b>Context</b> <Cntxt>	[0..1]			171
	<b>TransactionContext</b> <TxCntxt>	[0..1]			172
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		172
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			173
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		173
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		173
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		173
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		174
	<b>AdditionalData</b> <AddtlData>	[0..*]			174
	<b>Type</b> <Tp>	[0..1]	Text		175
	<b>Value</b> <Val>	[0..1]	Text		175
	<b>Transaction</b> <Tx>	[1..1]			175
	<b>ReconciliationFunction</b> <RcncltnFctn>	[1..1]	CodeSet		176
	<b>ReconciliationActivityType</b> <RcncltnActvtyTp>	[0..1]	CodeSet		176
	<b>OtherReconciliationActivityType</b> <OthrRcncltnActvtyTp>	[0..1]	Text		177
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		177
	<b>OtherReconciliationType</b> <OthrRcncltnTp>	[0..1]	Text		177
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		177
	<b>RequestedCurrency</b> <ReqdCcy>	[0..*]	Text		178
	<b>ReconciliationTotals</b> <RcncltnTtls>	[0..*]			178
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		178
	<b>FinancialReconciliation</b> <FinRcncltn>	[0..*]	±		179

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

## 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
	<b>Environment</b> <Envt>	[1..1]			167
	<b>Originator</b> <Orgtr>	[0..1]	±		167
	<b>Sender</b> <Sndr>	[0..1]	±		168
	<b>Receiver</b> <Rcvr>	[0..1]	±		169
	<b>Destination</b> <Dstn>	[0..1]	±		170
	<b>Context</b> <Cntxt>	[0..1]			171
	<b>TransactionContext</b> <TxCntxt>	[0..1]			172
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		172
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			173
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		173
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		173
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		173
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		174
	<b>AdditionalData</b> <AddtlData>	[0..*]			174
	<b>Type</b> <Tp>	[0..1]	Text		175
	<b>Value</b> <Val>	[0..1]	Text		175
	<b>Transaction</b> <Tx>	[1..1]			175
	<b>ReconciliationFunction</b> <RcncltnFctn>	[1..1]	CodeSet		176
	<b>ReconciliationActivityType</b> <RcncltnActvtyTp>	[0..1]	CodeSet		176
	<b>OtherReconciliationActivityType</b> <OthrRcncltnActvtyTp>	[0..1]	Text		177
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		177
	<b>OtherReconciliationType</b> <OthrRcncltnTp>	[0..1]	Text		177
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		177
	<b>RequestedCurrency</b> <ReqdCcy>	[0..*]	Text		178
	<b>ReconciliationTotals</b> <RcncltnTtls>	[0..*]			178
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		178
	<b>FinancialReconciliation</b> <FinRcncltn>	[0..*]	±		179
	<b>MessageReconciliation</b> <MsgRcncltn>	[0..*]	±		179
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		179
	<b>Currency</b> <Ccy>	[1..1]	Text		180

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>NetAmountReconciliation</b> <NetAmtRcncltn>	[0..1]	±		180
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		180
	<b>AdditionalData</b> <AddtlData>	[0..*]			181
	<b>Type</b> <Tp>	[0..1]	Text		181
	<b>Value</b> <Val>	[0..1]	Text		181
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		181
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		182
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		167
	<b>Sender</b> <Sndr>	[0..1]	±		168
	<b>Receiver</b> <Rcvr>	[0..1]	±		169
	<b>Destination</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			172
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		172
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			173
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		173
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		173
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		173
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		174
	<b>AdditionalData</b> <AddtlData>	[0..*]			174
	<b>Type</b> <Tp>	[0..1]	Text		175
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		172
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			173
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		173
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		173
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		173
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		174
	<b>AdditionalData</b> <AddtlData>	[0..*]			174
	<b>Type</b> <Tp>	[0..1]	Text		175
	<b>Value</b> <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 <CardPgrmmApld>** 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		173
	<b>DomesticQualification</b> <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 <StlmSvc>

*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
	<b>Type</b> <Tp>	[0..1]	Text		175
	<b>Value</b> <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
	<b>ReconciliationFunction</b> <RcncltnFctn>	[1..1]	CodeSet		176
	<b>ReconciliationActivityType</b> <RcncltnActvtyTp>	[0..1]	CodeSet		176
	<b>OtherReconciliationActivityType</b> <OthrRcncltnActvtyTp>	[0..1]	Text		177
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		177
	<b>OtherReconciliationType</b> <OthrRcncltnTp>	[0..1]	Text		177
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		177
	<b>RequestedCurrency</b> <ReqdCcy>	[0..*]	Text		178
	<b>ReconciliationTotals</b> <RcncltnTtls>	[0..*]			178
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		178
	<b>FinancialReconciliation</b> <FinRcncltn>	[0..*]	±		179
	<b>MessageReconciliation</b> <MsgRcncltn>	[0..*]	±		179
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		179
	<b>Currency</b> <Ccy>	[1..1]	Text		180
	<b>NetAmountReconciliation</b> <NetAmtRcncltn>	[0..1]	±		180
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		180
	<b>AdditionalData</b> <AddtlData>	[0..*]			181
	<b>Type</b> <Tp>	[0..1]	Text		181
	<b>Value</b> <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
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		178
	<b>FinancialReconciliation</b> <FinRcncltn>	[0..*]	±		179
	<b>MessageReconciliation</b> <MsgRcncltn>	[0..*]	±		179
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		179
	<b>Currency</b> <Ccy>	[1..1]	Text		180
	<b>NetAmountReconciliation</b> <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 <AddtIFeeRcncltn>** 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 <AddtIFee>

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		181
	<b>Value &lt;Val&gt;</b>	[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 <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
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 <Othrlld>	[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 <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

#### 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 <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		189
	<b>Body</b> <Body>	[1..1]			190
	<b>Environment</b> <Envt>	[0..1]			192
	<b>Originator</b> <Orgtr>	[0..1]	±		192
	<b>Sender</b> <Sndr>	[0..1]	±		192
	<b>Receiver</b> <Rcvr>	[0..1]	±		193
	<b>Destination</b> <Dstn>	[0..1]	±		194
	<b>Context</b> <Cntxt>	[0..1]			195
	<b>TransactionContext</b> <TxCntxt>	[0..1]			196
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		196
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			197
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		197
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		197
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		197
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		198
	<b>AdditionalData</b> <AddtlData>	[0..*]			198
	<b>Type</b> <Tp>	[0..1]	Text		199
	<b>Value</b> <Val>	[0..1]	Text		199
	<b>Transaction</b> <Tx>	[1..1]			199
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		199
	<b>ErrorDetail</b> <ErrDtl>	[1..*]			200
	<b>MessageErrorType</b> <MsgErrTp>	[1..1]	CodeSet		200
	<b>OtherMessageErrorType</b> <OthrMsgErrTp>	[0..1]	Text		201
	<b>ErrorCode</b> <ErrCd>	[0..1]	Text		201
	<b>ErrorDescription</b> <ErrDesc>	[0..1]	Text		201
	<b>DataElementInError</b> <DataElmtInErr>	[0..*]	Text		201
	<b>OriginalMessage</b> <OrgnlMsg>	[0..1]	Binary		201
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		202
	<b>AdditionalData</b> <AddtlData>	[0..*]			202

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

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		199
	<b>Value &lt;Val&gt;</b>	[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
	<b>TransactionIdentification &lt;TxId&gt;</b>	[1..1]	±		199
	<b>ErrorDetail &lt;ErrDtl&gt;</b>	[1..*]			200
	<b>MessageErrorType &lt;MsgErrTp&gt;</b>	[1..1]	CodeSet		200
	<b>OtherMessageErrorType &lt;OthrMsgErrTp&gt;</b>	[0..1]	Text		201
	<b>ErrorCode &lt;ErrCd&gt;</b>	[0..1]	Text		201
	<b>ErrorDescription &lt;ErrDesc&gt;</b>	[0..1]	Text		201
	<b>DataElementInError &lt;DataElmtInErr&gt;</b>	[0..*]	Text		201
	<b>OriginalMessage &lt;OrgnlMsg&gt;</b>	[0..1]	Binary		201
	<b>AdditionalFee &lt;AddtlFee&gt;</b>	[0..*]	±		202
	<b>AdditionalData &lt;AddtlData&gt;</b>	[0..*]			202
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		202
	<b>Value &lt;Val&gt;</b>	[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
	<b>MessageErrorType</b> <MsgErrTp>	[1..1]	CodeSet		200
	<b>OtherMessageErrorType</b> <OthrMsgErrTp>	[0..1]	Text		201
	<b>ErrorCode</b> <ErrCd>	[0..1]	Text		201
	<b>ErrorDescription</b> <ErrDesc>	[0..1]	Text		201
	<b>DataElementInError</b> <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 <OrgnIMsg>

*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
	<b>Type</b> <Tp>	[0..1]	Text		202
	<b>Value</b> <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 <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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

### 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 <KeyPrctn>	[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> <Admstvlnitn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		211
	<b>Body</b> <Body>	[1..1]			212
	<b>Environment</b> <Envt>	[1..1]			215
	<b>Acquirer</b> <Acqrr>	[0..1]	±		216
	<b>Originator</b> <Orgtr>	[0..1]	±		216
	<b>Sender</b> <Sndr>	[0..1]	±		217
	<b>Receiver</b> <Rcvr>	[0..1]	±		218
	<b>Acceptor</b> <Acptr>	[0..1]	±		219
	<b>Destination</b> <Dstn>	[0..1]	±		221
	<b>Payer</b> <Pyer>	[0..1]	±		221
	<b>Payee</b> <Pyee>	[0..1]	±		222
	<b>Terminal</b> <Termnl>	[0..1]	±		222
	<b>Issuer</b> <Issr>	[0..1]	±		222
	<b>Card</b> <Card>	[0..1]	±		223
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		224
	<b>Wallet</b> <Wllt>	[0..1]	±		225
	<b>Token</b> <Tkn>	[0..1]	±		226
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		227
	<b>AdditionalData</b> <AddtlData>	[0..*]			228
	<b>Type</b> <Tp>	[0..1]	Text		228
	<b>Details</b> <Dtls>	[0..*]			229
	<b>Type</b> <Tp>	[0..1]	Text		229
	<b>Value</b> <Val>	[0..1]	Text		229
	<b>Context</b> <Cntxt>	[0..1]			229
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		229
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		231
	<b>Verification</b> <Vrfctn>	[0..*]	±		233
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		233
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		234

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

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddendumData</b> <AdddmData>	[0..1]	±		244
	<b>AdditionalData</b> <AddtlData>	[0..*]			245
	<b>Type</b> <Tp>	[0..1]	Text		246
	<b>Details</b> <Dtls>	[0..*]			246
	<b>Type</b> <Tp>	[0..1]	Text		246
	<b>Value</b> <Val>	[0..1]	Text		246
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		246
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Text		247
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		247
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	250
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			215
	<b>Acquirer</b> <Acqrr>	[0..1]	±		216
	<b>Originator</b> <Orgtr>	[0..1]	±		216
	<b>Sender</b> <Sndr>	[0..1]	±		217
	<b>Receiver</b> <Rcvr>	[0..1]	±		218
	<b>Acceptor</b> <Acptr>	[0..1]	±		219
	<b>Destination</b> <Dstn>	[0..1]	±		221
	<b>Payer</b> <Pyer>	[0..1]	±		221
	<b>Payee</b> <Pye>	[0..1]	±		222
	<b>Terminal</b> <Termnl>	[0..1]	±		222
	<b>Issuer</b> <Issr>	[0..1]	±		222
	<b>Card</b> <Card>	[0..1]	±		223
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		224
	<b>Wallet</b> <Wlt>	[0..1]	±		225
	<b>Token</b> <Tkn>	[0..1]	±		226
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		227
	<b>AdditionalData</b> <AddtlData>	[0..*]			228
	<b>Type</b> <Tp>	[0..1]	Text		228
	<b>Details</b> <Dtls>	[0..*]			229
	<b>Type</b> <Tp>	[0..1]	Text		229
	<b>Value</b> <Val>	[0..1]	Text		229
	<b>Context</b> <Cntxt>	[0..1]			229
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		229
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		231
	<b>Verification</b> <Vrfctn>	[0..*]	±		233
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		233
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		234
	<b>AdditionalData</b> <AddtlData>	[0..*]			234
	<b>Type</b> <Tp>	[0..1]	Text		235
	<b>Details</b> <Dtls>	[0..*]			235
	<b>Type</b> <Tp>	[0..1]	Text		235

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

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

### 9.4.2.1 Environment <Envvt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

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

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

*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 <CstrmrSvc>	[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 <SpnsrdMrcht>	[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 <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 <GeogLctn>	[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 <CardPrftlldr>	[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 <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

#### 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 <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

#### 9.4.2.1.15 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 <HghValCstmrInd>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		228
	<b>Details &lt;Dtls&gt;</b>	[0..*]			229
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		229
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type</b> <Tp>	[0..1]	Text		229
	<b>Value</b> <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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		229
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		231
	<b>Verification</b> <Vrfctn>	[0..*]	±		233
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		233
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		234
	<b>AdditionalData</b> <AddtlData>	[0..*]			234
	<b>Type</b> <Tp>	[0..1]	Text		235
	<b>Details</b> <Dtls>	[0..*]			235
	<b>Type</b> <Tp>	[0..1]	Text		235
	<b>Value</b> <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 <TrnspndrInittdd>	[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 <PrtlAprvlSprtd>	[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 <QRCDPresmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresmntMd>	[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 <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 <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

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

#### 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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		235
	<b>Details &lt;DtIs&gt;</b>	[0..*]			235
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		235
	<b>Value &lt;Val&gt;</b>	[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 <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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		235
	<b>Value &lt;Val&gt;</b>	[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
	<b>AdministrativeType</b> <AdmstvTp>	[1..1]	CodeSet		236
	<b>OtherAdministrativeType</b> <OthrAdmstvTp>	[0..1]	Text		237
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		237
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		237
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		237
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		237
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		238
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		238
	<b>SpecialProgrammeQualification</b> <SpclPrgmmQlfcctn>	[0..*]	±		238
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		238
	<b>TextMessage</b> <TxtMsg>	[0..1]	Text		238
	<b>LocalData</b> <LclData>	[0..*]			239
	<b>Language</b> <Lang>	[1..1]	CodeSet		239
	<b>TextMessage</b> <TxtMsg>	[1..1]	Text		239
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		239
	<b>AdditionalData</b> <AddtlData>	[0..*]			239
	<b>Type</b> <Tp>	[0..1]	Text		240
	<b>Details</b> <Dtls>	[0..*]			240
	<b>Type</b> <Tp>	[0..1]	Text		240
	<b>Value</b> <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 <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

#### 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 <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

#### 9.4.2.3.10 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 <LifeCyclTracldData>	[0..1]			1927
	Identification </d>	[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
	<b>Language &lt;Lang&gt;</b>	[1..1]	CodeSet		239
	<b>TextMessage &lt;TxtMsg&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		240
	<b>Details &lt;Dtls&gt;</b>	[0..*]			240
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		240
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		240
	<b>Value &lt;Val&gt;</b>	[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
	<b>Environment &lt;Envt&gt;</b>	[0..1]	±		240
	<b>Context &lt;Cntxt&gt;</b>	[0..1]	±		241
	<b>Transaction &lt;Tx&gt;</b>	[0..1]	±		242
	<b>ProcessingResult &lt;PrcgRslt&gt;</b>	[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 <Termnlld>	[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 <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 <AssoctdDataRef>	[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 <PrcgRsIt>

*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 <DataElmntInErr>	[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

#### 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
	<b>Type</b> <Tp>	[0..1]	Text		246
	<b>Details</b> <Dtls>	[0..*]			246
	<b>Type</b> <Tp>	[0..1]	Text		246
	<b>Value</b> <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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		246
	<b>Value &lt;Val&gt;</b>	[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 <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 <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
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 <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

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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		255
	<b>Body</b> <Body>	[1..1]			256
	<b>Environment</b> <Envt>	[1..1]			259
	<b>Acquirer</b> <Acqrr>	[0..1]	±		260
	<b>Originator</b> <Orgtr>	[0..1]	±		260
	<b>Sender</b> <Sndr>	[0..1]	±		261
	<b>Receiver</b> <Rcvr>	[0..1]	±		262
	<b>Acceptor</b> <Acptr>	[0..1]	±		263
	<b>Destination</b> <Dstn>	[0..1]	±		265
	<b>Payer</b> <Pyer>	[0..1]	±		265
	<b>Payee</b> <Pyee>	[0..1]	±		266
	<b>Terminal</b> <Termnl>	[0..1]	±		266
	<b>Issuer</b> <Issr>	[0..1]	±		266
	<b>Card</b> <Card>	[0..1]	±		267
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		268
	<b>Wallet</b> <Wllt>	[0..1]	±		269
	<b>Token</b> <Tkn>	[0..1]	±		270
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		271
	<b>AdditionalData</b> <AddtlData>	[0..*]			272
	<b>Type</b> <Tp>	[0..1]	Text		272
	<b>Details</b> <Dtls>	[0..*]			273
	<b>Type</b> <Tp>	[0..1]	Text		273
	<b>Value</b> <Val>	[0..1]	Text		273
	<b>Context</b> <Cntxt>	[0..1]			273
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		273
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		275
	<b>Verification</b> <Vrfctn>	[0..*]	±		277
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		277
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		278

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			278
	<b>Type</b> <Tp>	[0..1]	Text		279
	<b>Details</b> <Dtls>	[0..*]			279
	<b>Type</b> <Tp>	[0..1]	Text		279
	<b>Value</b> <Val>	[0..1]	Text		279
	<b>Transaction</b> <Tx>	[1..1]			279
	<b>AdministrativeType</b> <AdmstvTp>	[1..1]	CodeSet		280
	<b>OtherAdministrativeType</b> <OthrAdmstvTp>	[0..1]	Text		281
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		281
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		281
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		281
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		281
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		282
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		282
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>TextMessage</b> <TxtMsg>	[0..1]	Text		282
	<b>LocalData</b> <LclData>	[0..*]			283
	<b>Language</b> <Lang>	[1..1]	CodeSet		283
	<b>TextMessage</b> <TxtMsg>	[1..1]	Text		283
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		283
	<b>AdditionalData</b> <AddtlData>	[0..*]			283
	<b>Type</b> <Tp>	[0..1]	Text		284
	<b>Details</b> <Dtls>	[0..*]			284
	<b>Type</b> <Tp>	[0..1]	Text		284
	<b>Value</b> <Val>	[0..1]	Text		284
	<b>OriginalTransaction</b> <OrgnlTx>	[0..*]			284
	<b>Environment</b> <Envt>	[0..1]	±		284
	<b>Context</b> <Cntxt>	[0..1]	±		285
	<b>Transaction</b> <Tx>	[0..1]	±		286
	<b>ProcessingResult</b> <PrpgRslt>	[0..1]	±		287

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AddendumData</b> <AdddmData>	[0..1]	±		288
	<b>AdditionalData</b> <AddtlData>	[0..*]			289
	<b>Type</b> <Tp>	[0..1]	Text		290
	<b>Details</b> <Dtls>	[0..*]			290
	<b>Type</b> <Tp>	[0..1]	Text		290
	<b>Value</b> <Val>	[0..1]	Text		290
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		290
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Text		291
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		291
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	294
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			259
	<b>Acquirer</b> <Acqrr>	[0..1]	±		260
	<b>Originator</b> <Orgtr>	[0..1]	±		260
	<b>Sender</b> <Sndr>	[0..1]	±		261
	<b>Receiver</b> <Rcvr>	[0..1]	±		262
	<b>Acceptor</b> <Accptr>	[0..1]	±		263
	<b>Destination</b> <Dstn>	[0..1]	±		265
	<b>Payer</b> <Pyer>	[0..1]	±		265
	<b>Payee</b> <Pye>	[0..1]	±		266
	<b>Terminal</b> <Termnl>	[0..1]	±		266
	<b>Issuer</b> <Issr>	[0..1]	±		266
	<b>Card</b> <Card>	[0..1]	±		267
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		268
	<b>Wallet</b> <Wlt>	[0..1]	±		269
	<b>Token</b> <Tkn>	[0..1]	±		270
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		271
	<b>AdditionalData</b> <AddtlData>	[0..*]			272
	<b>Type</b> <Tp>	[0..1]	Text		272
	<b>Details</b> <Dtls>	[0..*]			273
	<b>Type</b> <Tp>	[0..1]	Text		273
	<b>Value</b> <Val>	[0..1]	Text		273
	<b>Context</b> <Cntxt>	[0..1]			273
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		273
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		275
	<b>Verification</b> <Vrfctn>	[0..*]	±		277
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		277
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		278
	<b>AdditionalData</b> <AddtlData>	[0..*]			278
	<b>Type</b> <Tp>	[0..1]	Text		279
	<b>Details</b> <Dtls>	[0..*]			279
	<b>Type</b> <Tp>	[0..1]	Text		279

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Value</b> <Val>	[0..1]	Text		279
	<b>Transaction</b> <Tx>	[1..1]			279
	<b>AdministrativeType</b> <AdmstvTp>	[1..1]	CodeSet		280
	<b>OtherAdministrativeType</b> <OthrAdmstvTp>	[0..1]	Text		281
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		281
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		281
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		281
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		281
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		282
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		282
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>TextMessage</b> <TxtMsg>	[0..1]	Text		282
	<b>LocalData</b> <LclData>	[0..*]			283
	<b>Language</b> <Lang>	[1..1]	CodeSet		283
	<b>TextMessage</b> <TxtMsg>	[1..1]	Text		283
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		283
	<b>AdditionalData</b> <AddtlData>	[0..*]			283
	<b>Type</b> <Tp>	[0..1]	Text		284
	<b>Details</b> <Dtls>	[0..*]			284
	<b>Type</b> <Tp>	[0..1]	Text		284
	<b>Value</b> <Val>	[0..1]	Text		284
	<b>OriginalTransaction</b> <OrgnlTx>	[0..*]			284
	<b>Environment</b> <Envt>	[0..1]	±		284
	<b>Context</b> <Cntxt>	[0..1]	±		285
	<b>Transaction</b> <Tx>	[0..1]	±		286
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		287
	<b>AddendumData</b> <AdddmData>	[0..1]	±		288
	<b>AdditionalData</b> <AddtlData>	[0..*]			289
	<b>Type</b> <Tp>	[0..1]	Text		290
	<b>Details</b> <Dtls>	[0..*]			290

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		290
	<b>Value</b> <Val>	[0..1]	Text		290
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		290
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		291
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		291
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	294

### 10.4.2.1 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
	<b>Acquirer</b> <Acqrr>	[0..1]	±		260
	<b>Originator</b> <Orgtr>	[0..1]	±		260
	<b>Sender</b> <Sndr>	[0..1]	±		261
	<b>Receiver</b> <Rcvr>	[0..1]	±		262
	<b>Acceptor</b> <Accptr>	[0..1]	±		263
	<b>Destination</b> <Dstn>	[0..1]	±		265
	<b>Payer</b> <Pyer>	[0..1]	±		265
	<b>Payee</b> <Pyee>	[0..1]	±		266
	<b>Terminal</b> <Termnl>	[0..1]	±		266
	<b>Issuer</b> <Issr>	[0..1]	±		266
	<b>Card</b> <Card>	[0..1]	±		267
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		268
	<b>Wallet</b> <Wllt>	[0..1]	±		269
	<b>Token</b> <Tkn>	[0..1]	±		270
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		271
	<b>AdditionalData</b> <AddtlData>	[0..*]			272
	<b>Type</b> <Tp>	[0..1]	Text		272
	<b>Details</b> <Dtls>	[0..*]			273
	<b>Type</b> <Tp>	[0..1]	Text		273
	<b>Value</b> <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 <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

### 10.4.2.1.2 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 <CstrmrSvc>	[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 <TermnIld>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnIntgtn>	[0..1]	CodeSet		1888
	GeographicLocation <GeogLctn>	[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 <CardPrftlldr>	[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 <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

#### 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 <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

#### 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
	<b>Type</b> <Tp>	[0..1]	Text		272
	<b>Details</b> <Dtls>	[0..*]			273
	<b>Type</b> <Tp>	[0..1]	Text		273
	<b>Value</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		273
	<b>Value</b> <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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		273
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		275
	<b>Verification</b> <Vrfctn>	[0..*]	±		277
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		277
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		278
	<b>AdditionalData</b> <AddtlData>	[0..*]			278
	<b>Type</b> <Tp>	[0..1]	Text		279
	<b>Details</b> <Dtls>	[0..*]			279
	<b>Type</b> <Tp>	[0..1]	Text		279
	<b>Value</b> <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 <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
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1881
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1881
	PartialApprovalSupported <PrtlAprvlSprtd>	[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 <QRCDPresmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresmntMd>	[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 <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 <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 <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

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

#### 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 <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

#### 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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		279
	<b>Details &lt;Dtls&gt;</b>	[0..*]			279
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		279
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		279
	<b>Value &lt;Val&gt;</b>	[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
	<b>AdministrativeType</b> <AdmstvTp>	[1..1]	CodeSet		280
	<b>OtherAdministrativeType</b> <OthrAdmstvTp>	[0..1]	Text		281
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		281
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		281
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		281
	<b>AssociatedDataIndicator</b> <AssocdtdDataInd>	[0..1]	Indicator		281
	<b>AssociatedDataReference</b> <AssocdtdDataRef>	[0..1]	Text		282
	<b>AssociatedDataDestination</b> <AssocdtdDataDstn>	[0..1]	Text		282
	<b>SpecialProgrammeQualification</b> <SpclPrgmmQlfcctn>	[0..*]	±		282
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		282
	<b>TextMessage</b> <TxtMsg>	[0..1]	Text		282
	<b>LocalData</b> <LclData>	[0..*]			283
	<b>Language</b> <Lang>	[1..1]	CodeSet		283
	<b>TextMessage</b> <TxtMsg>	[1..1]	Text		283
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		283
	<b>AdditionalData</b> <AddtlData>	[0..*]			283
	<b>Type</b> <Tp>	[0..1]	Text		284
	<b>Details</b> <Dtls>	[0..*]			284
	<b>Type</b> <Tp>	[0..1]	Text		284
	<b>Value</b> <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 <SpclPrgrmmQlfcfn>**

*Presence:* [0..\*]

*Definition:* Data to qualify for incentive or other related programmes.

**SpecialProgrammeQualification <SpclPrgrmmQlfcfn>** 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 <LifeCyclTracldData>	[0..1]			1927
	Identification </d>	[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
	<b>Language &lt;Lang&gt;</b>	[1..1]	CodeSet		283
	<b>TextMessage &lt;TxtMsg&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		284
	<b>Details &lt;Dtls&gt;</b>	[0..*]			284
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		284
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		284
	<b>Value &lt;Val&gt;</b>	[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
	<b>Environment &lt;Envt&gt;</b>	[0..1]	±		284
	<b>Context &lt;Cntxt&gt;</b>	[0..1]	±		285
	<b>Transaction &lt;Tx&gt;</b>	[0..1]	±		286
	<b>ProcessingResult &lt;PrcgRslt&gt;</b>	[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 <Termnllid>	[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 <Wllt>	[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 <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 <DataElmntInErr>	[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

#### 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
	<b>Type</b> <Tp>	[0..1]	Text		290
	<b>Details</b> <Dtls>	[0..*]			290
	<b>Type</b> <Tp>	[0..1]	Text		290
	<b>Value</b> <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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		290
	<b>Value &lt;Val&gt;</b>	[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 <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation

**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

#### 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 <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
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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		298
	<b>Body</b> <Body>	[1..1]			299
	<b>Environment</b> <Envt>	[1..1]			301
	<b>Originator</b> <Orgtr>	[0..1]	±		301
	<b>Sender</b> <Sndr>	[0..1]	±		302
	<b>Receiver</b> <Rcvr>	[0..1]	±		303
	<b>Destination</b> <Dstn>	[0..1]	±		304
	<b>Context</b> <Cntxt>	[0..1]			305
	<b>TransactionContext</b> <TxCntxt>	[0..1]			306
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		306
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			307
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		307
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		307
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		307
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		308
	<b>AdditionalData</b> <AddtlData>	[0..*]			308
	<b>Type</b> <Tp>	[0..1]	Text		309
	<b>Value</b> <Val>	[0..1]	Text		309
	<b>Report</b> <Rpt>	[1..1]			309
	<b>Name</b> <Nm>	[0..1]	Text		310
	<b>Identification</b> <Id>	[0..1]	Text		310
	<b>Qualifier</b> <Qlfr>	[0..1]	Text		311
	<b>Date</b> <Dt>	[0..1]	Date		311
	<b>Time</b> <Tm>	[0..1]	Time		311
	<b>Sequence</b> <Seq>	[0..1]	Text		311
	<b>TotalOccurrences</b> <TtlOcrncs>	[0..1]	Text		311
	<b>Frequency</b> <Frqcy>	[0..1]	CodeSet		311
	<b>Correction</b> <Crrctn>	[0..1]			312
	<b>Indicator</b> <Ind>	[0..1]	Indicator		312

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Date</b> <Dt>	[0..1]	Date		312
	<b>Time</b> <Tm>	[0..1]	Time		312
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		312
	<b>AdditionalData</b> <AddtlData>	[0..*]			313
	<b>Type</b> <Tp>	[0..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Text		313
	<b>Format</b> <Frmt>	[0..1]	CodeSet		313
	<b>OtherFormat</b> <OthrFrmt>	[0..1]	Text		314
	<b>Content</b> <Cntt>	[0..*]			314
	<b>ReportLineSequence</b> <RptLineSeq>	[0..1]	Text		314
	<b>FormattedContent</b> <FrmtdCntt>	[1..1]			314
{Or	<b>Text</b> <Txt>	[1..1]	Text		315
Or	<b>Binary</b> <Binry>	[1..1]	Binary		315
Or}	<b>ProtectedData</b> <PrctcdData>	[1..1]	±		315
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	318
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			301
	<b>Originator</b> <Orgtr>	[0..1]	±		301
	<b>Sender</b> <Sndr>	[0..1]	±		302
	<b>Receiver</b> <Rcvr>	[0..1]	±		303
	<b>Destination</b> <Dstn>	[0..1]	±		304
	<b>Context</b> <Cntxt>	[0..1]			305
	<b>TransactionContext</b> <TxCntxt>	[0..1]			306
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		306
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			307
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		307
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		307
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		307
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		308
	<b>AdditionalData</b> <AddtlData>	[0..*]			308
	<b>Type</b> <Tp>	[0..1]	Text		309
	<b>Value</b> <Val>	[0..1]	Text		309
	<b>Report</b> <Rpt>	[1..1]			309
	<b>Name</b> <Nm>	[0..1]	Text		310
	<b>Identification</b> <Id>	[0..1]	Text		310
	<b>Qualifier</b> <Qlfr>	[0..1]	Text		311
	<b>Date</b> <Dt>	[0..1]	Date		311
	<b>Time</b> <Tm>	[0..1]	Time		311
	<b>Sequence</b> <Seq>	[0..1]	Text		311
	<b>TotalOccurrences</b> <TtlOcrncs>	[0..1]	Text		311
	<b>Frequency</b> <Frqcy>	[0..1]	CodeSet		311
	<b>Correction</b> <Crrctn>	[0..1]			312
	<b>Indicator</b> <Ind>	[0..1]	Indicator		312
	<b>Date</b> <Dt>	[0..1]	Date		312
	<b>Time</b> <Tm>	[0..1]	Time		312
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		312
	<b>AdditionalData</b> <AddtlData>	[0..*]			313

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Text		313
	<b>Format</b> <Frmt>	[0..1]	CodeSet		313
	<b>OtherFormat</b> <OthrFrmt>	[0..1]	Text		314
	<b>Content</b> <Cntt>	[0..*]			314
	<b>ReportLineSequence</b> <RptLineSeq>	[0..1]	Text		314
	<b>FormattedContent</b> <FrmtCntt>	[1..1]			314
{Or	<b>Text</b> <Txt>	[1..1]	Text		315
Or	<b>Binary</b> <Binry>	[1..1]	Binary		315
Or}	<b>ProtectedData</b> <PrctcdData>	[1..1]	±		315
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		301
	<b>Sender</b> <Sndr>	[0..1]	±		302
	<b>Receiver</b> <Rcvr>	[0..1]	±		303
	<b>Destination</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			306
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		306
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			307
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		307
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		307
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		307
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		308
	<b>AdditionalData</b> <AddtlData>	[0..*]			308
	<b>Type</b> <Tp>	[0..1]	Text		309
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		306
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			307
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		307
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		307
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		307
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		308
	<b>AdditionalData</b> <AddtlData>	[0..*]			308
	<b>Type</b> <Tp>	[0..1]	Text		309
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		307
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		309
	<b>Value &lt;Val&gt;</b>	[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
	<b>Name</b> <Nm>	[0..1]	Text		310
	<b>Identification</b> <Id>	[0..1]	Text		310
	<b>Qualifier</b> <Qlfr>	[0..1]	Text		311
	<b>Date</b> <Dt>	[0..1]	Date		311
	<b>Time</b> <Tm>	[0..1]	Time		311
	<b>Sequence</b> <Seq>	[0..1]	Text		311
	<b>TotalOccurrences</b> <TtlOcrncs>	[0..1]	Text		311
	<b>Frequency</b> <Frqcy>	[0..1]	CodeSet		311
	<b>Correction</b> <Crrctn>	[0..1]			312
	<b>Indicator</b> <Ind>	[0..1]	Indicator		312
	<b>Date</b> <Dt>	[0..1]	Date		312
	<b>Time</b> <Tm>	[0..1]	Time		312
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		312
	<b>AdditionalData</b> <AddtlData>	[0..*]			313
	<b>Type</b> <Tp>	[0..1]	Text		313
	<b>Value</b> <Val>	[0..1]	Text		313
	<b>Format</b> <Frmt>	[0..1]	CodeSet		313
	<b>OtherFormat</b> <OthrFrmt>	[0..1]	Text		314
	<b>Content</b> <Cntt>	[0..*]			314
	<b>ReportLineSequence</b> <RptLineSeq>	[0..1]	Text		314
	<b>FormattedContent</b> <FrmtdCntt>	[1..1]			314
{Or	<b>Text</b> <Txt>	[1..1]	Text		315
Or	<b>Binary</b> <Binry>	[1..1]	Binary		315
Or}	<b>ProtectedData</b> <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
	<b>Indicator</b> <Ind>	[0..1]	Indicator		312
	<b>Date</b> <Dt>	[0..1]	Date		312
	<b>Time</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		313
	<b>Value</b> <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
	<b>ReportLineSequence</b> <RptLineSeq>	[0..1]	Text		314
	<b>FormattedContent</b> <FrmtdCntt>	[1..1]			314
{Or	<b>Text</b> <Txt>	[1..1]	Text		315
Or	<b>Binary</b> <Binry>	[1..1]	Binary		315
Or}	<b>ProtectedData</b> <PrctcdData>	[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 <FrmtdCntt>**

*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	<b>Text</b> <Txt>	[1..1]	Text		315
Or	<b>Binary</b> <Binry>	[1..1]	Binary		315
Or}	<b>ProtectedData</b> <PrctcdData>	[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 <PrctcdData>**

*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 <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
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

#### 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 <KeyPrctn>	[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> <FeeColltnInitr>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		322
	<b>Body</b> <Body>	[1..1]			323
	<b>Environment</b> <Envt>	[1..1]			325
	<b>Acquirer</b> <Acqrr>	[0..1]	±		325
	<b>Originator</b> <Orgtr>	[0..1]	±		326
	<b>Sender</b> <Sndr>	[0..1]	±		327
	<b>Receiver</b> <Rcvr>	[0..1]	±		328
	<b>Acceptor</b> <Acptr>	[0..1]	±		329
	<b>Destination</b> <Dstn>	[0..1]	±		331
	<b>Issuer</b> <Issr>	[0..1]	±		331
	<b>Card</b> <Card>	[0..1]	±		332
	<b>Token</b> <Tkn>	[0..1]	±		332
	<b>Context</b> <Cntxt>	[0..1]			333
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		333
	<b>Transaction</b> <Tx>	[1..1]			334
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		335
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		335
	<b>CancellationIndicator</b> <Cxllnd>	[0..1]	Indicator		335
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		336
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		336
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		336
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		336
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		337
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		337
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		338
	<b>AdditionalData</b> <AddtlData>	[0..*]			338
	<b>Type</b> <Tp>	[0..1]	Text		339
	<b>Value</b> <Val>	[0..1]	Text		339
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		339

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>FeeCollectionReference</b> <FeeColltnRef>	[0..1]	±		339
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		339
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		340
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	343
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			325
	<b>Acquirer</b> <Acqrr>	[0..1]	±		325
	<b>Originator</b> <Orgtr>	[0..1]	±		326
	<b>Sender</b> <Sndr>	[0..1]	±		327
	<b>Receiver</b> <Rcvr>	[0..1]	±		328
	<b>Acceptor</b> <Acptr>	[0..1]	±		329
	<b>Destination</b> <Dstn>	[0..1]	±		331
	<b>Issuer</b> <Issr>	[0..1]	±		331
	<b>Card</b> <Card>	[0..1]	±		332
	<b>Token</b> <Tkn>	[0..1]	±		332
	<b>Context</b> <Cntxt>	[0..1]			333
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		333
	<b>Transaction</b> <Tx>	[1..1]			334
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		335
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		335
	<b>CancellationIndicator</b> <Cxllnd>	[0..1]	Indicator		335
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		336
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		336
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcnt>	[0..*]	±		336
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		336
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		337
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		337
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		338
	<b>AdditionalData</b> <AddtlData>	[0..*]			338
	<b>Type</b> <Tp>	[0..1]	Text		339
	<b>Value</b> <Val>	[0..1]	Text		339
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		339
	<b>FeeCollectionReference</b> <FeeColltnRef>	[0..1]	±		339
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		339
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		340
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[0..1]	±		325
	<b>Originator</b> <Orgtr>	[0..1]	±		326
	<b>Sender</b> <Sndr>	[0..1]	±		327
	<b>Receiver</b> <Rcvr>	[0..1]	±		328
	<b>Acceptor</b> <Acptr>	[0..1]	±		329
	<b>Destination</b> <Dstn>	[0..1]	±		331
	<b>Issuer</b> <Issr>	[0..1]	±		331
	<b>Card</b> <Card>	[0..1]	±		332
	<b>Token</b> <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 <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 <CstrmrSvc>	[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 <TknInittdInd>	[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 <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

### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		335
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		335
	<b>CancellationIndicator</b> <Cxllnd>	[0..1]	Indicator		335
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		336
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		336
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		336
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		336
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		337
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		337
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		338
	<b>AdditionalData</b> <AddtlData>	[0..*]			338
	<b>Type</b> <Tp>	[0..1]	Text		339
	<b>Value</b> <Val>	[0..1]	Text		339
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		339
	<b>FeeCollectionReference</b> <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 <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

#### 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 <LifeCyclTraclDData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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 <CrhdldrBllgAmt>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		339
	<b>Value &lt;Val&gt;</b>	[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 <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 <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
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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		347
	<b>Body</b> <Body>	[1..1]			348
	<b>Environment</b> <Envt>	[1..1]			350
	<b>Acquirer</b> <Acqrr>	[0..1]	±		350
	<b>Originator</b> <Orgtr>	[0..1]	±		351
	<b>Sender</b> <Sndr>	[0..1]	±		352
	<b>Receiver</b> <Rcvr>	[0..1]	±		353
	<b>Acceptor</b> <Accpt>	[0..1]	±		354
	<b>Destination</b> <Dstn>	[0..1]	±		356
	<b>Issuer</b> <Issr>	[0..1]	±		356
	<b>Card</b> <Card>	[0..1]	±		357
	<b>Token</b> <Tkn>	[0..1]	±		357
	<b>Context</b> <Cntxt>	[0..1]			358
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		358
	<b>Transaction</b> <Tx>	[1..1]			359
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		360
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		360
	<b>CancellationIndicator</b> <Cxllnd>	[0..1]	Indicator		360
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		361
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		361
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		361
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		361
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		362
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		362
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		363
	<b>AdditionalData</b> <AddtlData>	[0..*]			363
	<b>Type</b> <Tp>	[0..1]	Text		364
	<b>Value</b> <Val>	[0..1]	Text		364
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		364

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>FeeCollectionReference</b> <FeeColltnRef>	[0..1]	±		364
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		364
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	365
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			350
	<b>Acquirer</b> <Acqrr>	[0..1]	±		350
	<b>Originator</b> <Orgtr>	[0..1]	±		351
	<b>Sender</b> <Sndr>	[0..1]	±		352
	<b>Receiver</b> <Rcvr>	[0..1]	±		353
	<b>Acceptor</b> <Acptr>	[0..1]	±		354
	<b>Destination</b> <Dstn>	[0..1]	±		356
	<b>Issuer</b> <Issr>	[0..1]	±		356
	<b>Card</b> <Card>	[0..1]	±		357
	<b>Token</b> <Tkn>	[0..1]	±		357
	<b>Context</b> <Cntxt>	[0..1]			358
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		358
	<b>Transaction</b> <Tx>	[1..1]			359
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		360
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		360
	<b>CancellationIndicator</b> <Cxllnd>	[0..1]	Indicator		360
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		361
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		361
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcnt>	[0..*]	±		361
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		361
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		362
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		362
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		363
	<b>AdditionalData</b> <AddtlData>	[0..*]			363
	<b>Type</b> <Tp>	[0..1]	Text		364
	<b>Value</b> <Val>	[0..1]	Text		364
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		364
	<b>FeeCollectionReference</b> <FeeColltnRef>	[0..1]	±		364
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		364
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[0..1]	±		350
	<b>Originator</b> <Orgtr>	[0..1]	±		351
	<b>Sender</b> <Sndr>	[0..1]	±		352
	<b>Receiver</b> <Rcvr>	[0..1]	±		353
	<b>Acceptor</b> <Acptr>	[0..1]	±		354
	<b>Destination</b> <Dstn>	[0..1]	±		356
	<b>Issuer</b> <Issr>	[0..1]	±		356
	<b>Card</b> <Card>	[0..1]	±		357
	<b>Token</b> <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 <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 <CstrmrSvc>	[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 <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

### 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 <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

### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		360
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		360
	<b>CancellationIndicator</b> <Cxllnd>	[0..1]	Indicator		360
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		361
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		361
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		361
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		361
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		362
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		362
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		363
	<b>AdditionalData</b> <AddtlData>	[0..*]			363
	<b>Type</b> <Tp>	[0..1]	Text		364
	<b>Value</b> <Val>	[0..1]	Text		364
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		364
	<b>FeeCollectionReference</b> <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 <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

#### 13.4.2.3.7 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 <LifeCyclTraclDData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		364
	<b>Value &lt;Val&gt;</b>	[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 **caf.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]			
	<b>Header</b> <Hdr>	[1..1]	±		371
	<b>Body</b> <Body>	[1..1]			371
	<b>Environment</b> <Envt>	[1..1]			374
	<b>Acquirer</b> <Acqrr>	[0..1]	±		376
	<b>Originator</b> <Orgtr>	[0..1]	±		376
	<b>Sender</b> <Sndr>	[0..1]	±		377
	<b>Receiver</b> <Rcvr>	[0..1]	±		378
	<b>Acceptor</b> <Accptr>	[0..1]	±		379
	<b>Payer</b> <Pyer>	[0..1]	±		381
	<b>Payee</b> <Pyee>	[0..1]	±		381
	<b>Terminal</b> <Termnl>	[0..1]	±		381
	<b>Issuer</b> <Issr>	[0..1]	±		382
	<b>Card</b> <Card>	[0..1]	±		383
	<b>Destination</b> <Dstn>	[0..1]	±		383
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		384
	<b>Wallet</b> <Wllt>	[0..1]	±		385
	<b>Token</b> <Tkn>	[0..1]			386
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		387
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		387
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		388
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		388
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		388
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		388
	<b>TokenInitiatedIndicator</b> <TknInittdInd>	[0..1]	Indicator		388
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		388
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		389
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		389
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		389
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			389

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		390
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		390
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		390
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		390
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		390
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		390
	<b>AdditionalData</b> <AddtlData>	[0..*]			390
	<b>Type</b> <Tp>	[0..1]	Text		391
	<b>Value</b> <Val>	[0..1]	Text		391
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		391
	<b>Context</b> <Cntxt>	[0..1]			391
	<b>TransactionContext</b> <TxCntxt>	[0..1]			392
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		392
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			393
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		393
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		393
	<b>SettlementService</b> <StlmSvc>	[0..1]	±		393
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		394
	<b>AdditionalData</b> <AddtlData>	[0..*]			394
	<b>Type</b> <Tp>	[0..1]	Text		395
	<b>Value</b> <Val>	[0..1]	Text		395
	<b>Transaction</b> <Tx>	[1..1]			395
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		396
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		396
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		397
	<b>FileActionScope</b> <FileActnScp>	[0..1]	CodeSet		397
	<b>FileActionType</b> <FileActnTp>	[0..1]	CodeSet		397
	<b>OtherFileActionType</b> <OthrFileActnTp>	[0..1]	Text		398
	<b>FileActionDetails</b> <FileActnDtls>	[1..1]			398
	<b>FileName</b> <FileNm>	[0..1]	Text		398
	<b>Format</b> <Frmt>	[0..1]	CodeSet		398

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DataRecord</b> <DataRcrd>	[1..1]			399
{Or	<b>Binary</b> <Binry>	[1..*]	Binary		399
Or}	<b>Text</b> <Txt>	[1..*]	Text		399
	<b>ActionDate</b> <ActnDt>	[0..1]	Date		400
	<b>FileSecurityCode</b> <FileSctyCd>	[0..1]	Text		400
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		400
	<b>AdditionalData</b> <AddtlData>	[0..*]			400
	<b>Type</b> <Tp>	[0..1]	Text		401
	<b>Value</b> <Val>	[0..1]	Text		401
	<b>Correction</b> <Crrctn>	[0..1]			401
	<b>Indicator</b> <Ind>	[0..1]	Indicator		401
	<b>Date</b> <Dt>	[0..1]	Date		401
	<b>Time</b> <Tm>	[0..1]	Time		401
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		402
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]			402
	<b>Result</b> <Rslt>	[0..1]	CodeSet		402
	<b>OtherResult</b> <OthrRslt>	[0..1]	Text		403
	<b>ResultDetails</b> <RsltDtls>	[1..1]	CodeSet		403
	<b>OtherResultDetails</b> <OthrRsltDtls>	[0..1]	Text		403
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		403
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	406
	<b>SecurityTrailer</b> <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
	Exchangeldentification <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			374
	<b>Acquirer</b> <Acqrr>	[0..1]	±		376
	<b>Originator</b> <Orgtr>	[0..1]	±		376
	<b>Sender</b> <Sndr>	[0..1]	±		377
	<b>Receiver</b> <Rcvr>	[0..1]	±		378
	<b>Acceptor</b> <Acptr>	[0..1]	±		379
	<b>Payer</b> <Pyer>	[0..1]	±		381
	<b>Payee</b> <Pyee>	[0..1]	±		381
	<b>Terminal</b> <Termnl>	[0..1]	±		381
	<b>Issuer</b> <Issr>	[0..1]	±		382
	<b>Card</b> <Card>	[0..1]	±		383
	<b>Destination</b> <Dstn>	[0..1]	±		383
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		384
	<b>Wallet</b> <Wlt>	[0..1]	±		385
	<b>Token</b> <Tkn>	[0..1]			386
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		387
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		387
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		388
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		388
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		388
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		388
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		388
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		388
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		389
	<b>ProtectionMethod</b> <PrtcMtd>	[0..1]	CodeSet		389
	<b>OtherProtectionMethod</b> <OthrPrtcMtd>	[0..1]	Text		389
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			389
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		390
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		390
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		390
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		390
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		390
	<b>AdditionalData</b> <AddtlData>	[0..*]			390
	<b>Type</b> <Tp>	[0..1]	Text		391
	<b>Value</b> <Val>	[0..1]	Text		391
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		391
	<b>Context</b> <Cntxt>	[0..1]			391
	<b>TransactionContext</b> <TxCntxt>	[0..1]			392
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		392
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			393
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		393
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		393
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		393
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		394
	<b>AdditionalData</b> <AddtlData>	[0..*]			394
	<b>Type</b> <Tp>	[0..1]	Text		395
	<b>Value</b> <Val>	[0..1]	Text		395
	<b>Transaction</b> <Tx>	[1..1]			395
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		396
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		396
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		397
	<b>FileActionScope</b> <FileActnScp>	[0..1]	CodeSet		397
	<b>FileActionType</b> <FileActnTp>	[0..1]	CodeSet		397
	<b>OtherFileActionType</b> <OthrFileActnTp>	[0..1]	Text		398
	<b>FileActionDetails</b> <FileActnDtls>	[1..1]			398
	<b>FileName</b> <FileNm>	[0..1]	Text		398
	<b>Format</b> <Frmt>	[0..1]	CodeSet		398
	<b>DataRecord</b> <DataRcrd>	[1..1]			399
{Or	<b>Binary</b> <Binry>	[1..*]	Binary		399
Or}	<b>Text</b> <Txt>	[1..*]	Text		399
	<b>ActionDate</b> <ActnDt>	[0..1]	Date		400

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>FileSecurityCode</b> <FileSctyCd>	[0..1]	Text		400
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		400
	<b>AdditionalData</b> <AddtlData>	[0..*]			400
	<b>Type</b> <Tp>	[0..1]	Text		401
	<b>Value</b> <Val>	[0..1]	Text		401
	<b>Correction</b> <Crrctn>	[0..1]			401
	<b>Indicator</b> <Ind>	[0..1]	Indicator		401
	<b>Date</b> <Dt>	[0..1]	Date		401
	<b>Time</b> <Tm>	[0..1]	Time		401
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		402
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]			402
	<b>Result</b> <Rslt>	[0..1]	CodeSet		402
	<b>OtherResult</b> <OthrRslt>	[0..1]	Text		403
	<b>ResultDetails</b> <RsltDtls>	[1..1]	CodeSet		403
	<b>OtherResultDetails</b> <OthrRsltDtls>	[0..1]	Text		403
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		403
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	406

#### 14.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the file action transaction.

**Environment <Envt>** contains the following **Environment22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		376
	<b>Originator</b> <Orgtr>	[0..1]	±		376
	<b>Sender</b> <Sndr>	[0..1]	±		377
	<b>Receiver</b> <Rcvr>	[0..1]	±		378
	<b>Acceptor</b> <Accptr>	[0..1]	±		379
	<b>Payer</b> <Pyer>	[0..1]	±		381
	<b>Payee</b> <Pyee>	[0..1]	±		381
	<b>Terminal</b> <Termnl>	[0..1]	±		381
	<b>Issuer</b> <Issr>	[0..1]	±		382
	<b>Card</b> <Card>	[0..1]	±		383
	<b>Destination</b> <Dstn>	[0..1]	±		383
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		384
	<b>Wallet</b> <Wllt>	[0..1]	±		385
	<b>Token</b> <Tkn>	[0..1]			386
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		387
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		387
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		388
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		388
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		388
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		388
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		388
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		388
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		389
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		389
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		389
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			389
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		390
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		390
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		390
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		390
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		390

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		390
	<b>AdditionalData</b> <AddtlData>	[0..*]			390
	<b>Type</b> <Tp>	[0..1]	Text		391
	<b>Value</b> <Val>	[0..1]	Text		391
	<b>Cardholder</b> <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 <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

#### 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 <PrctcdPANInd>	[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 <CardPrflldr>	[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 <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

#### 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
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		387
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		387
	<b>TokenRequestorIdentification</b> <TknRqstrId>	[0..1]	Text		388
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		388
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		388
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		388
	<b>TokenInitiatedIndicator</b> <TknInittlInd>	[0..1]	Indicator		388
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		388
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		389
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		389
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		389
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			389
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		390
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		390
	<b>TokenRequestorIdentification</b> <TknRqstrId>	[0..1]	Text		390
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		390
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		390
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		390
	<b>AdditionalData</b> <AddtlData>	[0..*]			390
	<b>Type</b> <Tp>	[0..1]	Text		391
	<b>Value</b> <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 <TknInittId>**

*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 <PrtcnMtd>**

*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 <OthrPrtcnMtd>**

*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
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		390
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		390
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		390
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		390
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		390
	<b>TokenReferenceIdentification</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		391
	<b>Value</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			392
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		392
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			393
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		393
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		393
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		393
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		394
	<b>AdditionalData</b> <AddtlData>	[0..*]			394
	<b>Type</b> <Tp>	[0..1]	Text		395
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		392
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			393
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		393
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		393
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		393
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		394
	<b>AdditionalData</b> <AddtlData>	[0..*]			394
	<b>Type</b> <Tp>	[0..1]	Text		395
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		393
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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 <AddtIData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		395
	<b>Value</b> <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
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		396
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		396
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		397
	<b>FileActionScope</b> <FileActnScp>	[0..1]	CodeSet		397
	<b>FileActionType</b> <FileActnTp>	[0..1]	CodeSet		397
	<b>OtherFileActionType</b> <OthrFileActnTp>	[0..1]	Text		398
	<b>FileActionDetails</b> <FileActnDtls>	[1..1]			398
	<b>FileName</b> <FileNm>	[0..1]	Text		398
	<b>Format</b> <Frmt>	[0..1]	CodeSet		398
	<b>DataRecord</b> <DataRcrd>	[1..1]			399
{Or	<b>Binary</b> <Binry>	[1..*]	Binary		399
Or}	<b>Text</b> <Txt>	[1..*]	Text		399
	<b>ActionDate</b> <ActnDt>	[0..1]	Date		400
	<b>FileSecurityCode</b> <FileSctyCd>	[0..1]	Text		400
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		400
	<b>AdditionalData</b> <AddtlData>	[0..*]			400
	<b>Type</b> <Tp>	[0..1]	Text		401
	<b>Value</b> <Val>	[0..1]	Text		401
	<b>Correction</b> <Crrctn>	[0..1]			401
	<b>Indicator</b> <Ind>	[0..1]	Indicator		401
	<b>Date</b> <Dt>	[0..1]	Date		401
	<b>Time</b> <Tm>	[0..1]	Time		401
	<b>ContinuationIndicator</b> <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 <TrnsmssnDtTm>	[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
	<b>FileName</b> <FileNm>	[0..1]	Text		398
	<b>Format</b> <Frmt>	[0..1]	CodeSet		398
	<b>DataRecord</b> <DataRcrd>	[1..1]			399
{Or	<b>Binary</b> <Binry>	[1..*]	Binary		399
Or}	<b>Text</b> <Txt>	[1..*]	Text		399
	<b>ActionDate</b> <ActnDt>	[0..1]	Date		400
	<b>FileSecurityCode</b> <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 <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	<b>Binary</b> <Binry>	[1..*]	Binary		399
Or}	<b>Text</b> <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 <FeeRcnclnAmt>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		401
	<b>Value &lt;Val&gt;</b>	[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
	<b>Indicator &lt;Ind&gt;</b>	[0..1]	Indicator		401
	<b>Date &lt;Dt&gt;</b>	[0..1]	Date		401
	<b>Time &lt;Tm&gt;</b>	[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
	<b>Result</b> <Rslt>	[0..1]	CodeSet		402
	<b>OtherResult</b> <OthrRslt>	[0..1]	Text		403
	<b>ResultDetails</b> <RsltDtls>	[1..1]	CodeSet		403
	<b>OtherResultDetails</b> <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 <OthrRslt>**

*Presence:* [0..1]

*Definition:* Other type of result of the processing.

*Datatype:* "Max35Text" on page 2207

#### **14.4.2.4.3 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

#### **14.4.2.4.4 OtherResultDetails <OthrRsltDtls>**

*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 <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

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

#### 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 <KeyPrctn>	[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      **caf.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]			
	<b>Header</b> <Hdr>	[1..1]	±		411
	<b>Body</b> <Body>	[1..1]			412
	<b>Environment</b> <Envt>	[1..1]			415
	<b>Acquirer</b> <Acqrr>	[0..1]	±		417
	<b>Originator</b> <Orgtr>	[0..1]	±		417
	<b>Sender</b> <Sndr>	[0..1]	±		418
	<b>Receiver</b> <Rcvr>	[0..1]	±		419
	<b>Acceptor</b> <Accptr>	[0..1]	±		420
	<b>Payer</b> <Pyer>	[0..1]	±		422
	<b>Payee</b> <Pyee>	[0..1]	±		422
	<b>Terminal</b> <Termnl>	[0..1]	±		422
	<b>Issuer</b> <Issr>	[0..1]	±		423
	<b>Card</b> <Card>	[0..1]	±		424
	<b>Destination</b> <Dstn>	[0..1]	±		424
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		425
	<b>Wallet</b> <Wllt>	[0..1]	±		426
	<b>Token</b> <Tkn>	[0..1]			427
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		428
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		428
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		429
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		429
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		429
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		429
	<b>TokenInitiatedIndicator</b> <TknInittdInd>	[0..1]	Indicator		429
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		429
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		430
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		430
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		430
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			430

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		431
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		431
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		431
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		431
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		431
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		431
	<b>AdditionalData</b> <AddtlData>	[0..*]			431
	<b>Type</b> <Tp>	[0..1]	Text		432
	<b>Value</b> <Val>	[0..1]	Text		432
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		432
	<b>Context</b> <Cntxt>	[0..1]			432
	<b>TransactionContext</b> <TxCntxt>	[0..1]			433
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		433
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			434
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		434
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		434
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		434
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		435
	<b>AdditionalData</b> <AddtlData>	[0..*]			435
	<b>Type</b> <Tp>	[0..1]	Text		436
	<b>Value</b> <Val>	[0..1]	Text		436
	<b>Transaction</b> <Tx>	[1..1]			436
	<b>TransactionIdentification</b> <Txld>	[0..1]	±		437
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		437
	<b>AdditionalData</b> <AddtlData>	[0..*]			437
	<b>Type</b> <Tp>	[0..1]	Text		438
	<b>Value</b> <Val>	[0..1]	Text		438
	<b>FileActionDetails</b> <FileActnDtls>	[1..1]			438
	<b>FileName</b> <FileNm>	[0..1]	Text		438
	<b>Format</b> <Frmt>	[0..1]	CodeSet		438
	<b>DataRecord</b> <DataRcrd>	[1..1]			439

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Binary</b> <Binry>	[1..*]	Binary		439
Or}	<b>Text</b> <Txt>	[1..*]	Text		439
	<b>ActionDate</b> <ActnDt>	[0..1]	Date		440
	<b>FileSecurityCode</b> <FileSctyCd>	[0..1]	Text		440
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]			440
	<b>Result</b> <Rslt>	[0..1]	CodeSet		440
	<b>OtherResult</b> <OthrRslt>	[0..1]	Text		441
	<b>ResultDetails</b> <RsltDtls>	[1..1]	CodeSet		441
	<b>OtherResultDetails</b> <OthrRsltDtls>	[0..1]	Text		441
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		441
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	444
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			415
	<b>Acquirer</b> <Acqrr>	[0..1]	±		417
	<b>Originator</b> <Orgtr>	[0..1]	±		417
	<b>Sender</b> <Sndr>	[0..1]	±		418
	<b>Receiver</b> <Rcvr>	[0..1]	±		419
	<b>Acceptor</b> <Acptr>	[0..1]	±		420
	<b>Payer</b> <Pyer>	[0..1]	±		422
	<b>Payee</b> <Pyee>	[0..1]	±		422
	<b>Terminal</b> <Termnl>	[0..1]	±		422
	<b>Issuer</b> <Issr>	[0..1]	±		423
	<b>Card</b> <Card>	[0..1]	±		424
	<b>Destination</b> <Dstn>	[0..1]	±		424
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		425
	<b>Wallet</b> <Wlt>	[0..1]	±		426
	<b>Token</b> <Tkn>	[0..1]			427
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		428
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		428
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		429
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		429
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		429
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		429
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		429
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		429
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		430
	<b>ProtectionMethod</b> <PrtcMtd>	[0..1]	CodeSet		430
	<b>OtherProtectionMethod</b> <OthrPrtcMtd>	[0..1]	Text		430
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			430
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		431
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		431
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		431
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		431

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		431
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		431
	<b>AdditionalData</b> <AddtlData>	[0..*]			431
	<b>Type</b> <Tp>	[0..1]	Text		432
	<b>Value</b> <Val>	[0..1]	Text		432
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		432
	<b>Context</b> <Cntxt>	[0..1]			432
	<b>TransactionContext</b> <TxCntxt>	[0..1]			433
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		433
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			434
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		434
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		434
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		434
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		435
	<b>AdditionalData</b> <AddtlData>	[0..*]			435
	<b>Type</b> <Tp>	[0..1]	Text		436
	<b>Value</b> <Val>	[0..1]	Text		436
	<b>Transaction</b> <Tx>	[1..1]			436
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		437
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		437
	<b>AdditionalData</b> <AddtlData>	[0..*]			437
	<b>Type</b> <Tp>	[0..1]	Text		438
	<b>Value</b> <Val>	[0..1]	Text		438
	<b>FileActionDetails</b> <FileActnDtls>	[1..1]			438
	<b>FileName</b> <FileNm>	[0..1]	Text		438
	<b>Format</b> <Frmt>	[0..1]	CodeSet		438
	<b>DataRecord</b> <DataRcrd>	[1..1]			439
{Or	<b>Binary</b> <Binry>	[1..*]	Binary		439
Or}	<b>Text</b> <Txt>	[1..*]	Text		439
	<b>ActionDate</b> <ActnDt>	[0..1]	Date		440
	<b>FileSecurityCode</b> <FileSctyCd>	[0..1]	Text		440

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]			440
	<b>Result</b> <Rslt>	[0..1]	CodeSet		440
	<b>OtherResult</b> <OthrRslt>	[0..1]	Text		441
	<b>ResultDetails</b> <RsltDtls>	[1..1]	CodeSet		441
	<b>OtherResultDetails</b> <OthrRsltDtls>	[0..1]	Text		441
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		441
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	444

### 15.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the file action transaction.

**Environment <Envvt>** contains the following **Environment22** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[0..1]	±		417
	<b>Originator</b> <Orgtr>	[0..1]	±		417
	<b>Sender</b> <Sndr>	[0..1]	±		418
	<b>Receiver</b> <Rcvr>	[0..1]	±		419
	<b>Acceptor</b> <Accptr>	[0..1]	±		420
	<b>Payer</b> <Pyer>	[0..1]	±		422
	<b>Payee</b> <Pyee>	[0..1]	±		422
	<b>Terminal</b> <Termnl>	[0..1]	±		422
	<b>Issuer</b> <Issr>	[0..1]	±		423
	<b>Card</b> <Card>	[0..1]	±		424
	<b>Destination</b> <Dstn>	[0..1]	±		424
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		425
	<b>Wallet</b> <Wllt>	[0..1]	±		426
	<b>Token</b> <Tkn>	[0..1]			427
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		428
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		428
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		429
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		429
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		429
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		429
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		429
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		429
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		430
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		430
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		430
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			430
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		431
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		431
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		431
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		431
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		431

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		431
	<b>AdditionalData</b> <AddtlData>	[0..*]			431
	<b>Type</b> <Tp>	[0..1]	Text		432
	<b>Value</b> <Val>	[0..1]	Text		432
	<b>Cardholder</b> <Crhdldr>	[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 <Acctr>** 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 <PrctcdPANInd>	[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

### 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 <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

#### 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
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		428
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		428
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		429
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		429
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		429
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		429
	<b>TokenInitiatedIndicator</b> <TknInittlnd>	[0..1]	Indicator		429
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		429
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		430
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		430
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		430
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			430
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		431
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		431
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		431
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		431
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		431
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		431
	<b>AdditionalData</b> <AddtlData>	[0..*]			431
	<b>Type</b> <Tp>	[0..1]	Text		432
	<b>Value</b> <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 <TknInittId>**

*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 <PrtcnMtd>**

*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 <OthrPrtcnMtd>**

*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
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		431
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		431
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		431
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		431
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		431
	<b>TokenReferenceIdentification</b> <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 <TknRqstrld>**

*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 <TknRefld>**

*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
	<b>Type</b> <Tp>	[0..1]	Text		432
	<b>Value</b> <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 <Crdhdr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhdrNm>	[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 <CrdhdrNm>	[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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			433
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		433
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			434
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		434
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		434
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		434
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		435
	<b>AdditionalData</b> <AddtlData>	[0..*]			435
	<b>Type</b> <Tp>	[0..1]	Text		436
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		433
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			434
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		434
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		434
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		434
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		435
	<b>AdditionalData</b> <AddtlData>	[0..*]			435
	<b>Type</b> <Tp>	[0..1]	Text		436
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		434
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		436
	<b>Value &lt;Val&gt;</b>	[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
	<b>TransactionIdentification &lt;TxId&gt;</b>	[0..1]	±		437
	<b>AdditionalFee &lt;AddtlFee&gt;</b>	[0..*]	±		437
	<b>AdditionalData &lt;AddtlData&gt;</b>	[0..*]			437
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		438
	<b>Value &lt;Val&gt;</b>	[0..1]	Text		438
	<b>FileActionDetails &lt;FileActnDtls&gt;</b>	[1..1]			438
	<b>FileName &lt;FileNm&gt;</b>	[0..1]	Text		438
	<b>Format &lt;Frmt&gt;</b>	[0..1]	CodeSet		438
	<b>DataRecord &lt;DataRcrd&gt;</b>	[1..1]			439
{Or	<b>Binary &lt;Binry&gt;</b>	[1..*]	Binary		439
Or}	<b>Text &lt;Txt&gt;</b>	[1..*]	Text		439
	<b>ActionDate &lt;ActnDt&gt;</b>	[0..1]	Date		440
	<b>FileSecurityCode &lt;FileSctyCd&gt;</b>	[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
	<b>Type</b> <Tp>	[0..1]	Text		438
	<b>Value</b> <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
	<b>FileName</b> <FileNm>	[0..1]	Text		438
	<b>Format</b> <Frmt>	[0..1]	CodeSet		438
	<b>DataRecord</b> <DataRcrd>	[1..1]			439
{Or	<b>Binary</b> <Binry>	[1..*]	Binary		439
Or}	<b>Text</b> <Txt>	[1..*]	Text		439
	<b>ActionDate</b> <ActnDt>	[0..1]	Date		440
	<b>FileSecurityCode</b> <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	<b>Binary</b> <Binry>	[1..*]	Binary		439
Or}	<b>Text</b> <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
	<b>Result</b> <Rslt>	[0..1]	CodeSet		440
	<b>OtherResult</b> <OthrRslt>	[0..1]	Text		441
	<b>ResultDetails</b> <RsltDtls>	[1..1]	CodeSet		441
	<b>OtherResultDetails</b> <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 <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
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 <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

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 <OthrlId>	[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 <KeyPrctn>	[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> <FrdRptgInitr>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		449
	<b>Body</b> <Body>	[1..1]			450
	<b>Environment</b> <Envt>	[1..1]			453
	<b>Acquirer</b> <Acqrr>	[0..1]	±		453
	<b>Originator</b> <Orgtr>	[0..1]	±		454
	<b>Sender</b> <Sndr>	[0..1]	±		455
	<b>Receiver</b> <Rcvr>	[0..1]	±		456
	<b>Destination</b> <Dstn>	[0..1]	±		457
	<b>Issuer</b> <Issr>	[0..1]	±		458
	<b>Card</b> <Card>	[0..1]	±		459
	<b>Token</b> <Tkn>	[0..1]	±		460
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		461
	<b>Context</b> <Cntxt>	[0..1]			462
	<b>TransactionContext</b> <TxCntxt>	[0..1]			463
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		463
	<b>Jurisdiction</b> <Jurisdiction>	[0..1]			464
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		464
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		464
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		464
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		465
	<b>AdditionalData</b> <AddtlData>	[0..*]			465
	<b>Type</b> <Tp>	[0..1]	Text		466
	<b>Value</b> <Val>	[0..1]	Text		466
	<b>Transaction</b> <Tx>	[1..1]			466
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		468
	<b>ReportedFraud</b> <RptdFrd>	[1..1]	±		468
	<b>FraudulentTransactionData</b> <FrdIntTxData>	[1..1]			469
	<b>AuthorisationStatus</b> <AuthstnSts>	[0..1]			470
	<b>AuthorisationIndicator</b> <AuthstnInd>	[0..1]	Indicator		470

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	CodeSet		470
	<b>OtherAuthorisationEntity</b> <OthrAuthstnNtty>	[0..1]	Text		471
	<b>DisputeDetails</b> <DsptDtls>	[0..1]			471
	<b>PresentmentCycle</b> <PresntmntCycl>	[0..1]	Text		471
	<b>DisputeCondition</b> <DsptCond>	[0..1]	Text		471
	<b>DisputeReference</b> <DsptRef>	[0..*]	±		472
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		472
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		472
	<b>FraudulentMessage</b> <FrdIntMsg>	[0..1]	Binary		472
	<b>CardNotReceivedDetails</b> <CardNotRcvdDtls>	[0..1]			472
	<b>DateOfCardMailed</b> <DtOfCardMld>	[1..1]	Date		473
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		473
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		474
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[1..1]	Text		474
	<b>ValidFrom</b> <VldFr>	[0..1]	Date		474
	<b>CardSecurityCodeIndicator</b> <CardSctyCdInd>	[0..1]	Indicator		474
	<b>CardSecurityCapability</b> <CardSctyCpblty>	[0..*]			474
	<b>Capability</b> <Cpblty>	[1..1]	CodeSet		474
	<b>OtherCapability</b> <OthrCpblty>	[0..1]	Text		475
	<b>CardholderName</b> <CrdhldrNm>	[0..1]	±		475
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		475
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		476
	<b>AdditionalData</b> <AddtlData>	[0..*]			476
	<b>Type</b> <Tp>	[0..1]	Text		477
	<b>Value</b> <Val>	[0..1]	Text		477
	<b>LocalData</b> <LclData>	[0..1]			477
	<b>Language</b> <Lang>	[1..1]	CodeSet		477
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		477
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		478
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[0..1]	Text		478
	<b>CardholderName</b> <CrdhldrNm>	[0..1]	±		478

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		478
	<b>AdditionalData</b> <AddtlData>	[0..*]			479
	<b>Type</b> <Tp>	[0..1]	Text		479
	<b>Value</b> <Val>	[0..1]	Text		479
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		479
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	482
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			453
	<b>Acquirer</b> <Acqrr>	[0..1]	±		453
	<b>Originator</b> <Orgtr>	[0..1]	±		454
	<b>Sender</b> <Sndr>	[0..1]	±		455
	<b>Receiver</b> <Rcvr>	[0..1]	±		456
	<b>Destination</b> <Dstn>	[0..1]	±		457
	<b>Issuer</b> <Issr>	[0..1]	±		458
	<b>Card</b> <Card>	[0..1]	±		459
	<b>Token</b> <Tkn>	[0..1]	±		460
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		461
	<b>Context</b> <Cntxt>	[0..1]			462
	<b>TransactionContext</b> <TxCntxt>	[0..1]			463
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		463
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			464
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		464
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		464
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		464
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		465
	<b>AdditionalData</b> <AddtlData>	[0..*]			465
	<b>Type</b> <Tp>	[0..1]	Text		466
	<b>Value</b> <Val>	[0..1]	Text		466
	<b>Transaction</b> <Tx>	[1..1]			466
	<b>FraudTransactionIdentification</b> <FrdTxld>	[1..1]	Text		468
	<b>ReportedFraud</b> <RptdFrd>	[1..1]	±		468
	<b>FraudulentTransactionData</b> <FrdlntTxData>	[1..1]			469
	<b>AuthorisationStatus</b> <AuthstnSts>	[0..1]			470
	<b>AuthorisationIndicator</b> <AuthstnInd>	[0..1]	Indicator		470
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	CodeSet		470
	<b>OtherAuthorisationEntity</b> <OthrAuthstnNtty>	[0..1]	Text		471
	<b>DisputeDetails</b> <DsptDtls>	[0..1]			471
	<b>PresentmentCycle</b> <PresntmntCycl>	[0..1]	Text		471

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DisputeCondition</b> <DsptCond>	[0..1]	Text		471
	<b>DisputeReference</b> <DsptRef>	[0..*]	±		472
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		472
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		472
	<b>FraudulentMessage</b> <FrdIntMsg>	[0..1]	Binary		472
	<b>CardNotReceivedDetails</b> <CardNotRcvdDtls>	[0..1]			472
	<b>DateOfCardMailed</b> <DtOfCardMld>	[1..1]	Date		473
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		473
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		474
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[1..1]	Text		474
	<b>ValidFrom</b> <VldFr>	[0..1]	Date		474
	<b>CardSecurityCodeIndicator</b> <CardSctyCdInd>	[0..1]	Indicator		474
	<b>CardSecurityCapability</b> <CardSctyCpbilty>	[0..*]			474
	<b>Capability</b> <Cpbilty>	[1..1]	CodeSet		474
	<b>OtherCapability</b> <OthrCpbilty>	[0..1]	Text		475
	<b>CardholderName</b> <CrhdldrNm>	[0..1]	±		475
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		475
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		476
	<b>AdditionalData</b> <AddtlData>	[0..*]			476
	<b>Type</b> <Tp>	[0..1]	Text		477
	<b>Value</b> <Val>	[0..1]	Text		477
	<b>LocalData</b> <LclData>	[0..1]			477
	<b>Language</b> <Lang>	[1..1]	CodeSet		477
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		477
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		478
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[0..1]	Text		478
	<b>CardholderName</b> <CrhdldrNm>	[0..1]	±		478
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		478
	<b>AdditionalData</b> <AddtlData>	[0..*]			479
	<b>Type</b> <Tp>	[0..1]	Text		479
	<b>Value</b> <Val>	[0..1]	Text		479

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		479
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	482

### 16.4.2.1 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
	<b>Acquirer</b> <Acqrr>	[0..1]	±		453
	<b>Originator</b> <Orgtr>	[0..1]	±		454
	<b>Sender</b> <Sndr>	[0..1]	±		455
	<b>Receiver</b> <Rcvr>	[0..1]	±		456
	<b>Destination</b> <Dstn>	[0..1]	±		457
	<b>Issuer</b> <Issr>	[0..1]	±		458
	<b>Card</b> <Card>	[0..1]	±		459
	<b>Token</b> <Tkn>	[0..1]	±		460
	<b>Cardholder</b> <Crdhdr>	[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 <CardPrftlldr>	[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 <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 <HghValCstmrInd>	[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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			463
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		463
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			464
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		464
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		464
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		464
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		465
	<b>AdditionalData</b> <AddtlData>	[0..*]			465
	<b>Type</b> <Tp>	[0..1]	Text		466
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		463
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			464
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		464
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		464
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		464
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		465
	<b>AdditionalData</b> <AddtlData>	[0..*]			465
	<b>Type</b> <Tp>	[0..1]	Text		466
	<b>Value</b> <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** <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		464
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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 <AddtIData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		466
	<b>Value</b> <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
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		468
	<b>ReportedFraud</b> <RptdFrd>	[1..1]	±		468
	<b>FraudulentTransactionData</b> <FrdIntTxData>	[1..1]			469
	<b>AuthorisationStatus</b> <AuthstnSts>	[0..1]			470
	<b>AuthorisationIndicator</b> <AuthstnInd>	[0..1]	Indicator		470
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	CodeSet		470
	<b>OtherAuthorisationEntity</b> <OthrAuthstnNtty>	[0..1]	Text		471
	<b>DisputeDetails</b> <DsptDtls>	[0..1]			471
	<b>PresentmentCycle</b> <PresntmntCycl>	[0..1]	Text		471
	<b>DisputeCondition</b> <DsptCond>	[0..1]	Text		471
	<b>DisputeReference</b> <DsptRef>	[0..*]	±		472
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		472
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		472
	<b>FraudulentMessage</b> <FrdIntMsg>	[0..1]	Binary		472
	<b>CardNotReceivedDetails</b> <CardNotRcvdDtls>	[0..1]			472
	<b>DateOfCardMailed</b> <DtOfCardMld>	[1..1]	Date		473
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		473
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		474
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[1..1]	Text		474
	<b>ValidFrom</b> <VldFr>	[0..1]	Date		474
	<b>CardSecurityCodeIndicator</b> <CardSctyCdInd>	[0..1]	Indicator		474
	<b>CardSecurityCapability</b> <CardSctyCpblty>	[0..*]			474
	<b>Capability</b> <Cpblty>	[1..1]	CodeSet		474
	<b>OtherCapability</b> <OthrCpblty>	[0..1]	Text		475
	<b>CardholderName</b> <CrdhldrNm>	[0..1]	±		475
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		475
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		476
	<b>AdditionalData</b> <AddtlData>	[0..*]			476
	<b>Type</b> <Tp>	[0..1]	Text		477
	<b>Value</b> <Val>	[0..1]	Text		477
	<b>LocalData</b> <LclData>	[0..1]			477

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Language</b> <Lang>	[1..1]	CodeSet		477
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		477
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		478
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[0..1]	Text		478
	<b>CardholderName</b> <CrdhldrNm>	[0..1]	±		478
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		478
	<b>AdditionalData</b> <AddtlData>	[0..*]			479
	<b>Type</b> <Tp>	[0..1]	Text		479
	<b>Value</b> <Val>	[0..1]	Text		479

#### 16.4.2.3.1 FraudTransactionIdentification <FrdTxId>

*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
	<b>AuthorisationStatus</b> <AuthstnSts>	[0..1]			470
	<b>AuthorisationIndicator</b> <AuthstnInd>	[0..1]	Indicator		470
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	CodeSet		470
	<b>OtherAuthorisationEntity</b> <OthrAuthstnNtty>	[0..1]	Text		471
	<b>DisputeDetails</b> <DsptDtls>	[0..1]			471
	<b>PresentmentCycle</b> <PresntmntCycl>	[0..1]	Text		471
	<b>DisputeCondition</b> <DsptCond>	[0..1]	Text		471
	<b>DisputeReference</b> <DsptRef>	[0..*]	±		472
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		472
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		472
	<b>FraudulentMessage</b> <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
	<b>AuthorisationIndicator</b> <AuthstnInd>	[0..1]	Indicator		470
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	CodeSet		470
	<b>OtherAuthorisationEntity</b> <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	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

#### 16.4.2.3.3.1.3 OtherAuthorisationEntity <OthrAuthstnNtty>

*Presence:* [0..1]

*Definition:* Other type of authorisation entity.

*Datatype:* "Max35Text" on page 2207

#### 16.4.2.3.3.2 DisputeDetails <DsptDtIs>

*Presence:* [0..1]

*Definition:* Details of the dispute if and when relevant.

**DisputeDetails <DsptDtIs>** contains the following **DisputeData2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PresentmentCycle</b> <PresntmntCycl>	[0..1]	Text		471
	<b>DisputeCondition</b> <DsptCond>	[0..1]	Text		471
	<b>DisputeReference</b> <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 <CardNotRcvdDtIs>** contains the following **CardNotReceivedDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DateOfCardMailed</b> <DtOfCardMld>	[1..1]	Date		473
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		473
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		474
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[1..1]	Text		474
	<b>ValidFrom</b> <VldFr>	[0..1]	Date		474
	<b>CardSecurityCodeIndicator</b> <CardSctyCdInd>	[0..1]	Indicator		474
	<b>CardSecurityCapability</b> <CardSctyCpblty>	[0..*]			474
	<b>Capability</b> <Cpblty>	[1..1]	CodeSet		474
	<b>OtherCapability</b> <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 <VldFr>**

*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
	<b>Capability</b> <Cpblty>	[1..1]	CodeSet		474
	<b>OtherCapability</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		477
	<b>Value</b> <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
	<b>Language</b> <Lang>	[1..1]	CodeSet		477
	<b>MailingAddress</b> <MlngAdr>	[0..1]	±		477
	<b>MailingAddressUnstructured</b> <MlngAdrUstrd>	[0..1]	Text		478
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[0..1]	Text		478
	<b>CardholderName</b> <CrdhldrNm>	[0..1]	±		478
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		478
	<b>AdditionalData</b> <AddtlData>	[0..*]			479
	<b>Type</b> <Tp>	[0..1]	Text		479
	<b>Value</b> <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 <MIngAdr>** 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 <MIngAdrUstrd>**

*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 <MidFrPstlCd>**

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		479
	<b>Value &lt;Val&gt;</b>	[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 <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
Or	KEK <KEK>	[1..1]			1998
	Version <Vrsn>	[0..1]	Quantity		1999
	KEKIdentification <KEKld>	[1..1]			1999
	KeyIdentification <Keyld>	[1..1]	Text		1999
	KeyVersion <KeyVrsn>	[0..1]	Text		1999
	SequenceNumber <SeqNb>	[0..1]	Quantity		1999
	DerivationIdentification <Derivtnld>	[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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		486
	<b>Body</b> <Body>	[1..1]			487
	<b>Environment</b> <Envt>	[1..1]			489
	<b>Acquirer</b> <Acqrr>	[0..1]	±		489
	<b>Originator</b> <Orgtr>	[0..1]	±		490
	<b>Sender</b> <Sndr>	[0..1]	±		491
	<b>Receiver</b> <Rcvr>	[0..1]	±		492
	<b>Destination</b> <Dstn>	[0..1]	±		493
	<b>Issuer</b> <Issr>	[0..1]	±		494
	<b>Card</b> <Card>	[0..1]	±		495
	<b>Token</b> <Tkn>	[0..1]	±		496
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		497
	<b>Context</b> <Cntxt>	[0..1]			498
	<b>TransactionContext</b> <TxCntxt>	[0..1]			499
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		499
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			500
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		500
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		500
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		500
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		501
	<b>AdditionalData</b> <AddtlData>	[0..*]			501
	<b>Type</b> <Tp>	[0..1]	Text		502
	<b>Value</b> <Val>	[0..1]	Text		502
	<b>Transaction</b> <Tx>	[1..1]			502
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		502
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		502
	<b>AdditionalData</b> <AddtlData>	[0..*]			503
	<b>Type</b> <Tp>	[0..1]	Text		503
	<b>Value</b> <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 <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			489
	<b>Acquirer</b> <Acqrr>	[0..1]	±		489
	<b>Originator</b> <Orgtr>	[0..1]	±		490
	<b>Sender</b> <Sndr>	[0..1]	±		491
	<b>Receiver</b> <Rcvr>	[0..1]	±		492
	<b>Destination</b> <Dstn>	[0..1]	±		493
	<b>Issuer</b> <Issr>	[0..1]	±		494
	<b>Card</b> <Card>	[0..1]	±		495
	<b>Token</b> <Tkn>	[0..1]	±		496
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		497
	<b>Context</b> <Cntxt>	[0..1]			498
	<b>TransactionContext</b> <TxCntxt>	[0..1]			499
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		499
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			500
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		500
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		500
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		500
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		501
	<b>AdditionalData</b> <AddtlData>	[0..*]			501
	<b>Type</b> <Tp>	[0..1]	Text		502
	<b>Value</b> <Val>	[0..1]	Text		502
	<b>Transaction</b> <Tx>	[1..1]			502
	<b>FraudTransactionIdentification</b> <FrdTxld>	[1..1]	Text		502
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		502
	<b>AdditionalData</b> <AddtlData>	[0..*]			503
	<b>Type</b> <Tp>	[0..1]	Text		503
	<b>Value</b> <Val>	[0..1]	Text		503
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		503
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[0..1]	±		489
	<b>Originator</b> <Orgtr>	[0..1]	±		490
	<b>Sender</b> <Sndr>	[0..1]	±		491
	<b>Receiver</b> <Rcvr>	[0..1]	±		492
	<b>Destination</b> <Dstn>	[0..1]	±		493
	<b>Issuer</b> <Issr>	[0..1]	±		494
	<b>Card</b> <Card>	[0..1]	±		495
	<b>Token</b> <Tkn>	[0..1]	±		496
	<b>Cardholder</b> <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 <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

#### 17.4.2.1.9 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 <HghValCstmrInd>	[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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			499
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		499
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			500
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		500
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		500
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		500
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		501
	<b>AdditionalData</b> <AddtlData>	[0..*]			501
	<b>Type</b> <Tp>	[0..1]	Text		502
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		499
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			500
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		500
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		500
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		500
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		501
	<b>AdditionalData</b> <AddtlData>	[0..*]			501
	<b>Type</b> <Tp>	[0..1]	Text		502
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		500
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		502
	<b>Value &lt;Val&gt;</b>	[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
	<b>FraudTransactionIdentification &lt;FrdTxId&gt;</b>	[1..1]	Text		502
	<b>AdditionalFee &lt;AddtlFee&gt;</b>	[0..*]	±		502
	<b>AdditionalData &lt;AddtlData&gt;</b>	[0..*]			503
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		503
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		503
	<b>Value &lt;Val&gt;</b>	[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> <FrdDspstnInitr>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		508
	<b>Body</b> <Body>	[1..1]			509
	<b>Environment</b> <Envt>	[1..1]			511
	<b>Acquirer</b> <Acqrr>	[0..1]	±		511
	<b>Originator</b> <Orgtr>	[0..1]	±		512
	<b>Sender</b> <Sndr>	[0..1]	±		513
	<b>Receiver</b> <Rcvr>	[0..1]	±		514
	<b>Destination</b> <Dstn>	[0..1]	±		515
	<b>Issuer</b> <Issr>	[0..1]	±		516
	<b>Card</b> <Card>	[0..1]	±		517
	<b>Token</b> <Tkn>	[0..1]	±		518
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		519
	<b>Context</b> <Cntxt>	[0..1]			520
	<b>TransactionContext</b> <TxCntxt>	[0..1]			521
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		521
	<b>Jurisdiction</b> <Jurisdctn>	[0..1]			522
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		522
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		522
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		522
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		523
	<b>AdditionalData</b> <AddtlData>	[0..*]			523
	<b>Type</b> <Tp>	[0..1]	Text		524
	<b>Value</b> <Val>	[0..1]	Text		524
	<b>Transaction</b> <Tx>	[1..1]			524
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		524
	<b>ReportedFraud</b> <RptdFrd>	[1..1]	±		524
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		525
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		525
	<b>AdditionalData</b> <AddtlData>	[0..*]			526

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		526
	<b>Value</b> <Val>	[0..1]	Text		526
	<b>FraudDispositionStatus</b> <FrdDspstnSts>	[1..1]			526
	<b>ActionTaken</b> <ActnTaken>	[1..1]	CodeSet		527
	<b>OtherActionTaken</b> <OthrActnTaken>	[0..1]	Text		527
	<b>ErrorData</b> <ErrData>	[0..*]	Text		527
	<b>WarningData</b> <WrngData>	[0..*]	Text		527
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		527
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	528
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			511
	<b>Acquirer</b> <Acqrr>	[0..1]	±		511
	<b>Originator</b> <Orgtr>	[0..1]	±		512
	<b>Sender</b> <Sndr>	[0..1]	±		513
	<b>Receiver</b> <Rcvr>	[0..1]	±		514
	<b>Destination</b> <Dstn>	[0..1]	±		515
	<b>Issuer</b> <Issr>	[0..1]	±		516
	<b>Card</b> <Card>	[0..1]	±		517
	<b>Token</b> <Tkn>	[0..1]	±		518
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		519
	<b>Context</b> <Cntxt>	[0..1]			520
	<b>TransactionContext</b> <TxCntxt>	[0..1]			521
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		521
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			522
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		522
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		522
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		522
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		523
	<b>AdditionalData</b> <AddtlData>	[0..*]			523
	<b>Type</b> <Tp>	[0..1]	Text		524
	<b>Value</b> <Val>	[0..1]	Text		524
	<b>Transaction</b> <Tx>	[1..1]			524
	<b>FraudTransactionIdentification</b> <FrdTxld>	[1..1]	Text		524
	<b>ReportedFraud</b> <RptdFrd>	[1..1]	±		524
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		525
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		525
	<b>AdditionalData</b> <AddtlData>	[0..*]			526
	<b>Type</b> <Tp>	[0..1]	Text		526
	<b>Value</b> <Val>	[0..1]	Text		526
	<b>FraudDispositionStatus</b> <FrdDspstnSts>	[1..1]			526
	<b>ActionTaken</b> <ActnTaken>	[1..1]	CodeSet		527

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OtherActionTaken</b> <OthrActnTaken>	[0..1]	Text		527
	<b>ErrorData</b> <ErrData>	[0..*]	Text		527
	<b>WarningData</b> <WrngData>	[0..*]	Text		527
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		527
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	528

### 18.4.2.1 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
	<b>Acquirer</b> <Acqrr>	[0..1]	±		511
	<b>Originator</b> <Orgtr>	[0..1]	±		512
	<b>Sender</b> <Sndr>	[0..1]	±		513
	<b>Receiver</b> <Rcvr>	[0..1]	±		514
	<b>Destination</b> <Dstn>	[0..1]	±		515
	<b>Issuer</b> <Issr>	[0..1]	±		516
	<b>Card</b> <Card>	[0..1]	±		517
	<b>Token</b> <Tkn>	[0..1]	±		518
	<b>Cardholder</b> <Crdhdr>	[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 <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

**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 <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

#### 18.4.2.1.9 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

### 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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			521
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		521
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			522
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		522
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		522
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		522
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		523
	<b>AdditionalData</b> <AddtlData>	[0..*]			523
	<b>Type</b> <Tp>	[0..1]	Text		524
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		521
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			522
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		522
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		522
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		522
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		523
	<b>AdditionalData</b> <AddtlData>	[0..*]			523
	<b>Type</b> <Tp>	[0..1]	Text		524
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		522
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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 <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
	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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		524
	<b>Value &lt;Val&gt;</b>	[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
	<b>FraudTransactionIdentification &lt;FrdTxId&gt;</b>	[1..1]	Text		524
	<b>ReportedFraud &lt;RptdFrd&gt;</b>	[1..1]	±		524
	<b>AdditionalFee &lt;AddtlFee&gt;</b>	[0..*]	±		525
	<b>AdditionalInformation &lt;AddtlInf&gt;</b>	[0..*]	±		525
	<b>AdditionalData &lt;AddtlData&gt;</b>	[0..*]			526
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		526
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		526
	<b>Value &lt;Val&gt;</b>	[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
	<b>ActionTaken</b> <ActnTaken>	[1..1]	CodeSet		527
	<b>OtherActionTaken</b> <OthrActnTaken>	[0..1]	Text		527
	<b>ErrorData</b> <ErrData>	[0..*]	Text		527
	<b>WarningData</b> <WrngData>	[0..*]	Text		527
	<b>AdditionalInformation</b> <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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		532
	<b>Body</b> <Body>	[1..1]			533
	<b>Environment</b> <Envt>	[1..1]			535
	<b>Acquirer</b> <Acqrr>	[0..1]	±		535
	<b>Originator</b> <Orgtr>	[0..1]	±		536
	<b>Sender</b> <Sndr>	[0..1]	±		537
	<b>Receiver</b> <Rcvr>	[0..1]	±		538
	<b>Destination</b> <Dstn>	[0..1]	±		539
	<b>Issuer</b> <Issr>	[0..1]	±		540
	<b>Card</b> <Card>	[0..1]	±		541
	<b>Token</b> <Tkn>	[0..1]	±		542
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		543
	<b>Context</b> <Cntxt>	[0..1]			544
	<b>TransactionContext</b> <TxCntxt>	[0..1]			545
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		545
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			546
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		546
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		546
	<b>SettlementService</b> <StlmSvc>	[0..1]	±		546
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		547
	<b>AdditionalData</b> <AddtlData>	[0..*]			547
	<b>Type</b> <Tp>	[0..1]	Text		548
	<b>Value</b> <Val>	[0..1]	Text		548
	<b>Transaction</b> <Tx>	[1..1]			548
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		548
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		548
	<b>AdditionalData</b> <AddtlData>	[0..*]			549
	<b>Type</b> <Tp>	[0..1]	Text		549
	<b>Value</b> <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 <MsgFctn>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			535
	<b>Acquirer</b> <Acqrr>	[0..1]	±		535
	<b>Originator</b> <Orgtr>	[0..1]	±		536
	<b>Sender</b> <Sndr>	[0..1]	±		537
	<b>Receiver</b> <Rcvr>	[0..1]	±		538
	<b>Destination</b> <Dstn>	[0..1]	±		539
	<b>Issuer</b> <Issr>	[0..1]	±		540
	<b>Card</b> <Card>	[0..1]	±		541
	<b>Token</b> <Tkn>	[0..1]	±		542
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		543
	<b>Context</b> <Cntxt>	[0..1]			544
	<b>TransactionContext</b> <TxCntxt>	[0..1]			545
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		545
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			546
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		546
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		546
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		546
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		547
	<b>AdditionalData</b> <AddtlData>	[0..*]			547
	<b>Type</b> <Tp>	[0..1]	Text		548
	<b>Value</b> <Val>	[0..1]	Text		548
	<b>Transaction</b> <Tx>	[1..1]			548
	<b>FraudTransactionIdentification</b> <FrdTxld>	[1..1]	Text		548
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		548
	<b>AdditionalData</b> <AddtlData>	[0..*]			549
	<b>Type</b> <Tp>	[0..1]	Text		549
	<b>Value</b> <Val>	[0..1]	Text		549
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		549
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[0..1]	±		535
	<b>Originator</b> <Orgtr>	[0..1]	±		536
	<b>Sender</b> <Sndr>	[0..1]	±		537
	<b>Receiver</b> <Rcvr>	[0..1]	±		538
	<b>Destination</b> <Dstn>	[0..1]	±		539
	<b>Issuer</b> <Issr>	[0..1]	±		540
	<b>Card</b> <Card>	[0..1]	±		541
	<b>Token</b> <Tkn>	[0..1]	±		542
	<b>Cardholder</b> <Crdhdr>	[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 <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 <HghValCstmrInd>	[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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			545
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		545
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			546
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		546
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		546
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		546
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		547
	<b>AdditionalData</b> <AddtlData>	[0..*]			547
	<b>Type</b> <Tp>	[0..1]	Text		548
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		545
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			546
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		546
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		546
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		546
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		547
	<b>AdditionalData</b> <AddtlData>	[0..*]			547
	<b>Type</b> <Tp>	[0..1]	Text		548
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		546
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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 <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
	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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		548
	<b>Value &lt;Val&gt;</b>	[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
	<b>FraudTransactionIdentification &lt;FrdTxId&gt;</b>	[1..1]	Text		548
	<b>AdditionalFee &lt;AddtlFee&gt;</b>	[0..*]	±		548
	<b>AdditionalData &lt;AddtlData&gt;</b>	[0..*]			549
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		549
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		549
	<b>Value &lt;Val&gt;</b>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		555
	<b>Body</b> <Body>	[1..1]			555
	<b>Environment</b> <Envt>	[1..1]			557
	<b>Acquirer</b> <Acqrr>	[1..1]	±		558
	<b>Originator</b> <Orgtr>	[0..1]	±		559
	<b>Sender</b> <Sndr>	[0..1]	±		560
	<b>Receiver</b> <Rcvr>	[0..1]	±		561
	<b>Acceptor</b> <Acptr>	[0..1]	±		562
	<b>Destination</b> <Dstn>	[0..1]	±		564
	<b>Payer</b> <Pyer>	[0..1]	±		564
	<b>Payee</b> <Pyee>	[0..1]	±		565
	<b>Terminal</b> <Termnl>	[0..1]	±		565
	<b>Issuer</b> <Issr>	[0..1]	±		565
	<b>Card</b> <Card>	[0..1]	±		566
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		567
	<b>Wallet</b> <Wllt>	[0..1]	±		568
	<b>Token</b> <Tkn>	[0..1]	±		569
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		570
	<b>Context</b> <Cntxt>	[1..1]			571
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		571
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		573
	<b>Verification</b> <Vrfctn>	[0..*]	±		575
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		575
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		576
	<b>Transaction</b> <Tx>	[1..1]			576
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		577
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		578
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		578
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		579

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		579
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		579
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		579
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		579
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		580
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		580
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		580
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		580
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		581
	<b>DisputeData</b> <DsptData>	[0..*]	±		581
	<b>TransactionAmounts</b> <TxAmnts>	[1..1]	±		582
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		582
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		583
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		583
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		584
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		584
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		585
	<b>AccountTo</b> <AcctTo>	[0..1]	±		585
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		585
	<b>AdditionalData</b> <AddtlData>	[0..*]			585
	<b>Type</b> <Tp>	[0..1]	Text		586
	<b>Value</b> <Val>	[0..1]	Text		586
	<b>AddendumData</b> <AdddmData>	[0..1]	±		586
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		587
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		588
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		588
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	591
	<b>SecurityTrailer</b> <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 <PrctlVrsn>	[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

### 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
	<b>Environment</b> <Envt>	[1..1]			557
	<b>Acquirer</b> <Acqrr>	[1..1]	±		558
	<b>Originator</b> <Orgtr>	[0..1]	±		559
	<b>Sender</b> <Sndr>	[0..1]	±		560
	<b>Receiver</b> <Rcvr>	[0..1]	±		561
	<b>Acceptor</b> <Acptr>	[0..1]	±		562
	<b>Destination</b> <Dstn>	[0..1]	±		564
	<b>Payer</b> <Pyer>	[0..1]	±		564
	<b>Payee</b> <Pyee>	[0..1]	±		565
	<b>Terminal</b> <Termnl>	[0..1]	±		565
	<b>Issuer</b> <Issr>	[0..1]	±		565
	<b>Card</b> <Card>	[0..1]	±		566
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		567
	<b>Wallet</b> <Wlt>	[0..1]	±		568
	<b>Token</b> <Tkn>	[0..1]	±		569
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		570
	<b>Context</b> <Cntxt>	[1..1]			571
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		571
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		573
	<b>Verification</b> <Vrfectn>	[0..*]	±		575
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		575
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		576
	<b>Transaction</b> <Tx>	[1..1]			576
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		577
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		578
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		578
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		579
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		579
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		579
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		579
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		579

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AssociatedDataIndicator</b> <AssocdDataInd>	[0..1]	Indicator		580
	<b>AssociatedDataReference</b> <AssocdDataRef>	[0..1]	Text		580
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		580
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcctn>	[0..*]	±		580
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		581
	<b>DisputeData</b> <DsptData>	[0..*]	±		581
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		582
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		582
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		583
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		583
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		584
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		584
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		585
	<b>AccountTo</b> <AcctTo>	[0..1]	±		585
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		585
	<b>AdditionalData</b> <AddtlData>	[0..*]			585
	<b>Type</b> <Tp>	[0..1]	Text		586
	<b>Value</b> <Val>	[0..1]	Text		586
	<b>AddendumData</b> <AdddmData>	[0..1]	±		586
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		587
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		588
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		588
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		558
	<b>Originator</b> <Orgtr>	[0..1]	±		559
	<b>Sender</b> <Sndr>	[0..1]	±		560
	<b>Receiver</b> <Rcvr>	[0..1]	±		561
	<b>Acceptor</b> <Accptr>	[0..1]	±		562
	<b>Destination</b> <Dstn>	[0..1]	±		564
	<b>Payer</b> <Pyer>	[0..1]	±		564
	<b>Payee</b> <Pyee>	[0..1]	±		565
	<b>Terminal</b> <Termnl>	[0..1]	±		565
	<b>Issuer</b> <Issr>	[0..1]	±		565
	<b>Card</b> <Card>	[0..1]	±		566
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		567
	<b>Wallet</b> <Wllt>	[0..1]	±		568
	<b>Token</b> <Tkn>	[0..1]	±		569
	<b>Cardholder</b> <Crhdldr>	[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 <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 <CstrmrSvc>	[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 <GeogLctn>	[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 <CardPrflldr>	[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 <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

#### 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 <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

### 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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		571
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		573
	<b>Verification</b> <Vrfctn>	[0..*]	±		575
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		575
	<b>SaleContext</b> <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 <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
	MOTOCCode <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 <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 <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 <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

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

#### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		577
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		578
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		578
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		579
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		579
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		579
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		579
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		579
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		580
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		580
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		580
	<b>SpecialProgrammeQualification</b> <SpclPrgmmQlfctn>	[0..*]	±		580
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		581
	<b>DisputeData</b> <DsptData>	[0..*]	±		581
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		582
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		582
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		583
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		583
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		584
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		584
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		585
	<b>AccountTo</b> <AcctTo>	[0..1]	±		585
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		585
	<b>AdditionalData</b> <AddtlData>	[0..*]			585
	<b>Type</b> <Tp>	[0..1]	Text		586
	<b>Value</b> <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 <SpclPrgrmmQlfcntn>

*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

#### 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 <FeePrgrm>	[0..1]	Text		1366
	FeeDescriptor <FeeDscrptr>	[0..1]	Text		1366
	FeeAmount <FeeAmt>	[1..1]	±		1366
	FeeReconciliationAmount <FeeRcnclnAmt>	[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 <AddtIData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		586
	<b>Value &lt;Val&gt;</b>	[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 <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

#### 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 <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
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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		596
	<b>Body</b> <Body>	[1..1]			596
	<b>Environment</b> <Envt>	[1..1]			598
	<b>Acquirer</b> <Acqrr>	[1..1]	±		599
	<b>Originator</b> <Orgtr>	[0..1]	±		599
	<b>Sender</b> <Sndr>	[0..1]	±		600
	<b>Receiver</b> <Rcvr>	[0..1]	±		601
	<b>Acceptor</b> <Acptr>	[0..1]	±		602
	<b>Destination</b> <Dstn>	[0..1]	±		603
	<b>Terminal</b> <Termnl>	[0..1]	±		604
	<b>Issuer</b> <Issr>	[0..1]	±		604
	<b>Card</b> <Card>	[0..1]	±		605
	<b>Wallet</b> <Wllt>	[0..1]	±		606
	<b>Token</b> <Tkn>	[0..1]	±		607
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		608
	<b>Context</b> <Cntxt>	[0..1]			609
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		609
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		610
	<b>Verification</b> <Vrfctn>	[0..*]	±		611
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		612
	<b>Transaction</b> <Tx>	[1..1]			612
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		613
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		613
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		614
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		614
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		615
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		615
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		615
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		615

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		616
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		616
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		617
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		617
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		617
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		618
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		618
	<b>AccountTo</b> <AcctTo>	[0..1]	±		619
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		619
	<b>AdditionalData</b> <AddtlData>	[0..*]			619
	<b>Type</b> <Tp>	[0..1]	Text		619
	<b>Value</b> <Val>	[0..1]	Text		620
	<b>AddendumData</b> <AdddmData>	[0..1]	±		620
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		620
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		621
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		621
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	624
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			598
	<b>Acquirer</b> <Acqrr>	[1..1]	±		599
	<b>Originator</b> <Orgtr>	[0..1]	±		599
	<b>Sender</b> <Sndr>	[0..1]	±		600
	<b>Receiver</b> <Rcvr>	[0..1]	±		601
	<b>Acceptor</b> <Acptr>	[0..1]	±		602
	<b>Destination</b> <Dstn>	[0..1]	±		603
	<b>Terminal</b> <Termnl>	[0..1]	±		604
	<b>Issuer</b> <Issr>	[0..1]	±		604
	<b>Card</b> <Card>	[0..1]	±		605
	<b>Wallet</b> <Wlt>	[0..1]	±		606
	<b>Token</b> <Tkn>	[0..1]	±		607
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		608
	<b>Context</b> <Cntxt>	[0..1]			609
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		609
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		610
	<b>Verification</b> <Vrfctn>	[0..*]	±		611
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		612
	<b>Transaction</b> <Tx>	[1..1]			612
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		613
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		613
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		614
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		614
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		615
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		615
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		615
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcnt>	[0..*]	±		615
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		616
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		616
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		617
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		617

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		617
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		618
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		618
	<b>AccountTo</b> <AcctTo>	[0..1]	±		619
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		619
	<b>AdditionalData</b> <AddtlData>	[0..*]			619
	<b>Type</b> <Tp>	[0..1]	Text		619
	<b>Value</b> <Val>	[0..1]	Text		620
	<b>AddendumData</b> <AdddmData>	[0..1]	±		620
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		620
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		621
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		621
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	624

### 21.4.2.1 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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		599
	<b>Originator</b> <Orgtr>	[0..1]	±		599
	<b>Sender</b> <Sndr>	[0..1]	±		600
	<b>Receiver</b> <Rcvr>	[0..1]	±		601
	<b>Acceptor</b> <Accptr>	[0..1]	±		602
	<b>Destination</b> <Dstn>	[0..1]	±		603
	<b>Terminal</b> <Termnl>	[0..1]	±		604
	<b>Issuer</b> <Issr>	[0..1]	±		604
	<b>Card</b> <Card>	[0..1]	±		605
	<b>Wallet</b> <Wllt>	[0..1]	±		606
	<b>Token</b> <Tkn>	[0..1]	±		607
	<b>Cardholder</b> <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 <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

### 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 <Acptr>

*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 <CardPrftlldr>	[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 <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

### 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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		609
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		610
	<b>Verification</b> <Vrfctn>	[0..*]	±		611
	<b>RiskContext</b> <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 <UattnddLvCtgy>	[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
	MOTOCCode <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 <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

#### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		613
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		613
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		614
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		614
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		615
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		615
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		615
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		615
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		616
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		616
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		617
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		617
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		617
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		618
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		618
	<b>AccountTo</b> <AcctTo>	[0..1]	±		619
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		619
	<b>AdditionalData</b> <AddtlData>	[0..*]			619
	<b>Type</b> <Tp>	[0..1]	Text		619
	<b>Value</b> <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 &amp; 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 <AssocdDataDstn>

*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 <SpclPrgrmmQlfcntn>

*Presence:* [0..\*]

*Definition:* Data to qualify for incentive or other related programmes.

**SpecialProgrammeQualification <SpclPrgrmmQlfcntn>** 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 <CardlssrRefData>	[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 <CrdhldrBillgAmt>	[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 <CrdhldrCcyInd>	[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
	<b>Type</b> <Tp>	[0..1]	Text		619
	<b>Value</b> <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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

#### 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 <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		629
	<b>Body</b> <Body>	[1..1]			630
	<b>Environment</b> <Envt>	[1..1]			632
	<b>Acquirer</b> <Acqrr>	[1..1]	±		633
	<b>Originator</b> <Orgtr>	[0..1]	±		634
	<b>Sender</b> <Sndr>	[0..1]	±		635
	<b>Receiver</b> <Rcvr>	[0..1]	±		636
	<b>Acceptor</b> <Acptr>	[0..1]	±		637
	<b>Destination</b> <Dstn>	[0..1]	±		639
	<b>Payer</b> <Pyer>	[0..1]	±		639
	<b>Payee</b> <Pyee>	[0..1]	±		640
	<b>Terminal</b> <Termnl>	[0..1]	±		640
	<b>Issuer</b> <Issr>	[0..1]	±		640
	<b>Card</b> <Card>	[0..1]	±		641
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		642
	<b>Wallet</b> <Wllt>	[0..1]	±		643
	<b>Token</b> <Tkn>	[0..1]	±		644
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		645
	<b>Context</b> <Cntxt>	[1..1]			646
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		646
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		648
	<b>Verification</b> <Vrfctn>	[0..*]	±		650
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		650
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		651
	<b>Transaction</b> <Tx>	[1..1]			651
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		652
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		653
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		653
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		654

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		654
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		654
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		654
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		654
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		655
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		655
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		655
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		655
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		656
	<b>DisputeData</b> <DsptData>	[0..*]	±		656
	<b>TransactionAmounts</b> <TxAmnts>	[1..1]	±		657
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		657
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		658
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		658
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		659
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		659
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		660
	<b>AccountTo</b> <AcctTo>	[0..1]	±		660
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		660
	<b>AdditionalData</b> <AddtlData>	[0..*]			660
	<b>Type</b> <Tp>	[0..1]	Text		661
	<b>Value</b> <Val>	[0..1]	Text		661
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		661
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]			661
	<b>Environment</b> <Envt>	[0..1]	±		662
	<b>Context</b> <Cntxt>	[0..1]	±		663
	<b>Transaction</b> <Tx>	[0..1]	±		664
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		665
	<b>AddendumData</b> <AdddmData>	[0..1]	±		666
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		667
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		668

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		668
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	671
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			632
	<b>Acquirer</b> <Acqrr>	[1..1]	±		633
	<b>Originator</b> <Orgtr>	[0..1]	±		634
	<b>Sender</b> <Sndr>	[0..1]	±		635
	<b>Receiver</b> <Rcvr>	[0..1]	±		636
	<b>Acceptor</b> <Acceptr>	[0..1]	±		637
	<b>Destination</b> <Dstn>	[0..1]	±		639
	<b>Payer</b> <Pyer>	[0..1]	±		639
	<b>Payee</b> <Pyee>	[0..1]	±		640
	<b>Terminal</b> <Termnl>	[0..1]	±		640
	<b>Issuer</b> <Issr>	[0..1]	±		640
	<b>Card</b> <Card>	[0..1]	±		641
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		642
	<b>Wallet</b> <Wlt>	[0..1]	±		643
	<b>Token</b> <Tkn>	[0..1]	±		644
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		645
	<b>Context</b> <Cntxt>	[1..1]			646
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		646
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		648
	<b>Verification</b> <Vrfectn>	[0..*]	±		650
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		650
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		651
	<b>Transaction</b> <Tx>	[1..1]			651
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		652
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		653
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		653
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		654
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		654
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		654
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		654
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		654

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AssociatedDataIndicator</b> <AssocdDataInd>	[0..1]	Indicator		655
	<b>AssociatedDataReference</b> <AssocdDataRef>	[0..1]	Text		655
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		655
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcnt>	[0..*]	±		655
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		656
	<b>DisputeData</b> <DsptData>	[0..*]	±		656
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		657
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		657
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		658
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		658
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		659
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		659
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		660
	<b>AccountTo</b> <AcctTo>	[0..1]	±		660
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		660
	<b>AdditionalData</b> <AddtlData>	[0..*]			660
	<b>Type</b> <Tp>	[0..1]	Text		661
	<b>Value</b> <Val>	[0..1]	Text		661
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		661
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]			661
	<b>Environment</b> <Envt>	[0..1]	±		662
	<b>Context</b> <Cntxt>	[0..1]	±		663
	<b>Transaction</b> <Tx>	[0..1]	±		664
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		665
	<b>AddendumData</b> <AdddmData>	[0..1]	±		666
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		667
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		668
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		668
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	671

### 22.4.2.1 Environment <Envt>

Presence: [1..1]

*Definition:* Environment of the transaction.

**Environment <Envt>** contains the following **Environment17** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[1..1]	±		633
	<b>Originator</b> <Orgtr>	[0..1]	±		634
	<b>Sender</b> <Sndr>	[0..1]	±		635
	<b>Receiver</b> <Rcvr>	[0..1]	±		636
	<b>Acceptor</b> <Accptr>	[0..1]	±		637
	<b>Destination</b> <Dstn>	[0..1]	±		639
	<b>Payer</b> <Pyer>	[0..1]	±		639
	<b>Payee</b> <Pyee>	[0..1]	±		640
	<b>Terminal</b> <Termnl>	[0..1]	±		640
	<b>Issuer</b> <Issr>	[0..1]	±		640
	<b>Card</b> <Card>	[0..1]	±		641
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		642
	<b>Wallet</b> <Wllt>	[0..1]	±		643
	<b>Token</b> <Tkn>	[0..1]	±		644
	<b>Cardholder</b> <Crhdldr>	[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 <CstrmrSvc>	[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 <GeogLctn>	[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 <CardPrflldr>	[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 <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

#### 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 <Crdhdr>

*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 <HghValCstmrInd>	[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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		646
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		648
	<b>Verification</b> <Vrfctn>	[0..*]	±		650
	<b>RiskContext</b> <RskCntxt>	[0..*]	±		650
	<b>SaleContext</b> <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 <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
	MOTOCCode <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 <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 <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

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

#### 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 <GoodsAndSvcTp>	[0..1]	CodeSet		1404
	GoodAndServicesSubType <GoodAndSvcSubTp>	[0..1]	CodeSet		1404
	GoodAndServicesOtherSubType <GoodAndSvcOthrSubTp>	[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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		652
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		653
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		653
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		654
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		654
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		654
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		654
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		654
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		655
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		655
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		655
	<b>SpecialProgrammeQualification</b> <SpclPrgmmQlfctn>	[0..*]	±		655
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		656
	<b>DisputeData</b> <DsptData>	[0..*]	±		656
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		657
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		657
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		658
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		658
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		659
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		659
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		660
	<b>AccountTo</b> <AcctTo>	[0..1]	±		660
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		660
	<b>AdditionalData</b> <AddtlData>	[0..*]			660
	<b>Type</b> <Tp>	[0..1]	Text		661
	<b>Value</b> <Val>	[0..1]	Text		661
	<b>AdditionalInformation</b> <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 <SpclPrgrmmQlfcfn>** 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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		661
	<b>Value &lt;Val&gt;</b>	[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
	<b>Environment</b> <Envt>	[0..1]	±		662
	<b>Context</b> <Cntxt>	[0..1]	±		663
	<b>Transaction</b> <Tx>	[0..1]	±		664
	<b>ProcessingResult</b> <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 <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

#### 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 <AssoctdDataRef>	[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 <DataElmntInErr>	[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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		676
	<b>Body</b> <Body>	[1..1]			676
	<b>Environment</b> <Envt>	[1..1]			678
	<b>Acquirer</b> <Acqrr>	[1..1]	±		679
	<b>Originator</b> <Orgtr>	[0..1]	±		680
	<b>Sender</b> <Sndr>	[0..1]	±		681
	<b>Receiver</b> <Rcvr>	[0..1]	±		682
	<b>Acceptor</b> <Acptr>	[0..1]	±		683
	<b>Destination</b> <Dstn>	[0..1]	±		684
	<b>Terminal</b> <Termnl>	[0..1]	±		685
	<b>Issuer</b> <Issr>	[0..1]	±		685
	<b>Card</b> <Card>	[0..1]	±		686
	<b>Wallet</b> <Wllt>	[0..1]	±		687
	<b>Token</b> <Tkn>	[0..1]	±		688
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		689
	<b>Context</b> <Cntxt>	[1..1]			690
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		690
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		691
	<b>Verification</b> <Vrfctn>	[0..*]	±		692
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		693
	<b>Transaction</b> <Tx>	[1..1]			693
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		694
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		695
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		695
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		696
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		696
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		696
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		696
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		696

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		697
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		697
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		697
	<b>DisputeData</b> <DsptData>	[1..1]	±		698
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		699
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		699
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		700
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		700
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		701
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		701
	<b>AccountTo</b> <AcctTo>	[0..1]	±		702
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		702
	<b>AdditionalData</b> <AddtlData>	[0..*]			702
	<b>Type</b> <Tp>	[0..1]	Text		702
	<b>Value</b> <Val>	[0..1]	Text		703
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		703
	<b>AddendumData</b> <AdddmData>	[0..1]	±		703
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		703
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		704
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		704
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	707
	<b>SecurityTrailer</b> <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
	Exchangeldentification <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

### 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
	<b>Environment</b> <Envt>	[1..1]			678
	<b>Acquirer</b> <Acqrr>	[1..1]	±		679
	<b>Originator</b> <Orgtr>	[0..1]	±		680
	<b>Sender</b> <Sndr>	[0..1]	±		681
	<b>Receiver</b> <Rcvr>	[0..1]	±		682
	<b>Acceptor</b> <Accptr>	[0..1]	±		683
	<b>Destination</b> <Dstn>	[0..1]	±		684
	<b>Terminal</b> <Termnl>	[0..1]	±		685
	<b>Issuer</b> <Issr>	[0..1]	±		685
	<b>Card</b> <Card>	[0..1]	±		686
	<b>Wallet</b> <Wlt>	[0..1]	±		687
	<b>Token</b> <Tkn>	[0..1]	±		688
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		689
	<b>Context</b> <Cntxt>	[1..1]			690
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		690
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		691
	<b>Verification</b> <Vrfctn>	[0..*]	±		692
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		693
	<b>Transaction</b> <Tx>	[1..1]			693
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		694
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		695
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		695
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		696
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		696
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		696
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		696
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		696
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		697
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcnt>	[0..*]	±		697
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		697
	<b>DisputeData</b> <DsptData>	[1..1]	±		698

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		699
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		699
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		700
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		700
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		701
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		701
	<b>AccountTo</b> <AcctTo>	[0..1]	±		702
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		702
	<b>AdditionalData</b> <AddtlData>	[0..*]			702
	<b>Type</b> <Tp>	[0..1]	Text		702
	<b>Value</b> <Val>	[0..1]	Text		703
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		703
	<b>AddendumData</b> <AdddmData>	[0..1]	±		703
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		703
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		704
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		704
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		679
	<b>Originator</b> <Orgtr>	[0..1]	±		680
	<b>Sender</b> <Sndr>	[0..1]	±		681
	<b>Receiver</b> <Rcvr>	[0..1]	±		682
	<b>Acceptor</b> <Accptr>	[0..1]	±		683
	<b>Destination</b> <Dstn>	[0..1]	±		684
	<b>Terminal</b> <Termnl>	[0..1]	±		685
	<b>Issuer</b> <Issr>	[0..1]	±		685
	<b>Card</b> <Card>	[0..1]	±		686
	<b>Wallet</b> <Wllt>	[0..1]	±		687
	<b>Token</b> <Tkn>	[0..1]	±		688
	<b>Cardholder</b> <Crdhdr>	[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 <CardPrftlldr>	[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 <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

#### 23.4.2.1.12 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

### 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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		690
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		691
	<b>Verification</b> <Vrfctn>	[0..*]	±		692
	<b>RiskContext</b> <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 <UattnddLvCtgy>	[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
	MOTOCCode <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 <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

#### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		694
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		695
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		695
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		696
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		696
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		696
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		696
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		696
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		697
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		697
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		697
	<b>DisputeData</b> <DsptData>	[1..1]	±		698
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		699
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		699
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		700
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		700
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		701
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		701
	<b>AccountTo</b> <AcctTo>	[0..1]	±		702
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		702
	<b>AdditionalData</b> <AddtlData>	[0..*]			702
	<b>Type</b> <Tp>	[0..1]	Text		702
	<b>Value</b> <Val>	[0..1]	Text		703
	<b>AdditionalInformation</b> <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 <AssoctdDataDstn>

*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 <SpclPrgrmmQlfcfn>

*Presence:* [0..\*]

*Definition:* Data to qualify for incentive or other related programmes.

**SpecialProgrammeQualification <SpclPrgrmmQlfcfn>** 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 <LifeCyclTraclDData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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 <CrdhldrCcyInd>	[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
	<b>Type</b> <Tp>	[0..1]	Text		702
	<b>Value</b> <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 <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

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 <OthrlId>	[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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		712
	<b>Body</b> <Body>	[1..1]			712
	<b>Environment</b> <Envt>	[1..1]			714
	<b>Acquirer</b> <Acqrr>	[1..1]	±		715
	<b>Originator</b> <Orgtr>	[0..1]	±		716
	<b>Sender</b> <Sndr>	[0..1]	±		717
	<b>Receiver</b> <Rcvr>	[0..1]	±		718
	<b>Acceptor</b> <Acptr>	[0..1]	±		719
	<b>Destination</b> <Dstn>	[0..1]	±		721
	<b>Payer</b> <Pyer>	[0..1]	±		721
	<b>Payee</b> <Pyee>	[0..1]	±		722
	<b>Terminal</b> <Termnl>	[0..1]	±		722
	<b>Issuer</b> <Issr>	[0..1]	±		722
	<b>Card</b> <Card>	[1..1]	±		723
	<b>Wallet</b> <Wllt>	[0..1]	±		724
	<b>Token</b> <Tkn>	[0..1]	±		724
	<b>Context</b> <Cntxt>	[0..1]			725
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		725
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		726
	<b>Transaction</b> <Tx>	[1..1]			727
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		728
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		729
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		729
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		730
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		730
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		730
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		730
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		730
	<b>AssociatedDataIndicator</b> <AssocdDataInd>	[0..1]	Indicator		731

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AssociatedDataReference</b> <AssocdDataRef>	[0..1]	Text		731
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		731
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		731
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		732
	<b>DisputeData</b> <DsptData>	[0..*]	±		732
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		733
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		733
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		734
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		734
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		735
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		735
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		736
	<b>AccountTo</b> <AcctTo>	[0..1]	±		736
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		736
	<b>AdditionalData</b> <AddtlData>	[0..*]			736
	<b>Type</b> <Tp>	[0..1]	Text		737
	<b>Value</b> <Val>	[0..1]	Text		737
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		737
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		737
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		738
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	741
	<b>SecurityTrailer</b> <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
	Exchangeldentification <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
	<b>Environment</b> <Envt>	[1..1]			714
	<b>Acquirer</b> <Acqrr>	[1..1]	±		715
	<b>Originator</b> <Orgtr>	[0..1]	±		716
	<b>Sender</b> <Sndr>	[0..1]	±		717
	<b>Receiver</b> <Rcvr>	[0..1]	±		718
	<b>Acceptor</b> <Acceptr>	[0..1]	±		719
	<b>Destination</b> <Dstn>	[0..1]	±		721
	<b>Payer</b> <Pyer>	[0..1]	±		721
	<b>Payee</b> <Pye>	[0..1]	±		722
	<b>Terminal</b> <Termnl>	[0..1]	±		722
	<b>Issuer</b> <Issr>	[0..1]	±		722
	<b>Card</b> <Card>	[1..1]	±		723
	<b>Wallet</b> <Wlt>	[0..1]	±		724
	<b>Token</b> <Tkn>	[0..1]	±		724
	<b>Context</b> <Cntxt>	[0..1]			725
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		725
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		726
	<b>Transaction</b> <Tx>	[1..1]			727
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		728
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		729
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		729
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		730
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		730
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		730
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		730
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		730
	<b>AssociatedDataIndicator</b> <AssocdDataInd>	[0..1]	Indicator		731
	<b>AssociatedDataReference</b> <AssocdDataRef>	[0..1]	Text		731
	<b>AssociatedDataDestination</b> <AssocdDataDstn>	[0..1]	Text		731
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		731
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		732

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DisputeData</b> <DsptData>	[0..*]	±		732
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		733
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		733
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		734
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		734
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		735
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		735
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		736
	<b>AccountTo</b> <AcctTo>	[0..1]	±		736
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		736
	<b>AdditionalData</b> <AddtlData>	[0..*]			736
	<b>Type</b> <Tp>	[0..1]	Text		737
	<b>Value</b> <Val>	[0..1]	Text		737
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		737
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		737
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		738
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	741

#### 24.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envvt>** contains the following **Environment19** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[1..1]	±		715
	<b>Originator</b> <Orgtr>	[0..1]	±		716
	<b>Sender</b> <Sndr>	[0..1]	±		717
	<b>Receiver</b> <Rcvr>	[0..1]	±		718
	<b>Acceptor</b> <Accptr>	[0..1]	±		719
	<b>Destination</b> <Dstn>	[0..1]	±		721
	<b>Payer</b> <Pyer>	[0..1]	±		721
	<b>Payee</b> <Pyee>	[0..1]	±		722
	<b>Terminal</b> <Termnl>	[0..1]	±		722
	<b>Issuer</b> <Issr>	[0..1]	±		722
	<b>Card</b> <Card>	[1..1]	±		723
	<b>Wallet</b> <Wllt>	[0..1]	±		724
	<b>Token</b> <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 <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

#### 24.4.2.1.2 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 <Acceptr>** 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 <TermnIId>	[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 <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

#### 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 <CrhdldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrhdldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvICtgy>	[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
	MOTOCCode <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 <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

### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		728
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		729
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		729
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		730
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		730
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		730
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		730
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		730
	<b>AssociatedDataIndicator</b> <AssoctdDataInd>	[0..1]	Indicator		731
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		731
	<b>AssociatedDataDestination</b> <AssoctdDataDstn>	[0..1]	Text		731
	<b>SpecialProgrammeQualification</b> <SpclPrgmmQlfctn>	[0..*]	±		731
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		732
	<b>DisputeData</b> <DsptData>	[0..*]	±		732
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		733
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		733
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		734
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		734
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		735
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		735
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		736
	<b>AccountTo</b> <AcctTo>	[0..1]	±		736
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		736
	<b>AdditionalData</b> <AddtlData>	[0..*]			736
	<b>Type</b> <Tp>	[0..1]	Text		737
	<b>Value</b> <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 <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

#### 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 <SpclPrgrmmQlfcntn>

*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

#### 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
	<b>Type</b> <Tp>	[0..1]	Text		737
	<b>Value</b> <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 <ActnReqrd>	[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 <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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		745
	<b>Body</b> <Body>	[1..1]			746
	<b>Environment</b> <Envt>	[1..1]			748
	<b>Acquirer</b> <Acqrr>	[1..1]	±		748
	<b>Originator</b> <Orgtr>	[0..1]	±		749
	<b>Sender</b> <Sndr>	[0..1]	±		750
	<b>Receiver</b> <Rcvr>	[0..1]	±		751
	<b>Acceptor</b> <Acptr>	[0..1]	±		752
	<b>Destination</b> <Dstn>	[0..1]	±		753
	<b>Terminal</b> <Termnl>	[0..1]	±		754
	<b>Issuer</b> <Issr>	[0..1]	±		754
	<b>Card</b> <Card>	[1..1]	±		755
	<b>Token</b> <Tkn>	[0..1]	±		756
	<b>Context</b> <Cntxt>	[1..1]	±		756
	<b>Transaction</b> <Tx>	[1..1]			757
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		758
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		758
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		758
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		759
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		759
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcfn>	[0..*]	±		760
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		760
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		761
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		761
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		762
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		762
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		763
	<b>AccountTo</b> <AcctTo>	[0..1]	±		763
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		764

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			764
	<b>Type</b> <Tp>	[0..1]	Text		764
	<b>Value</b> <Val>	[0..1]	Text		764
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		764
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		765
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		765
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	768
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			748
	<b>Acquirer</b> <Acqrr>	[1..1]	±		748
	<b>Originator</b> <Orgtr>	[0..1]	±		749
	<b>Sender</b> <Sndr>	[0..1]	±		750
	<b>Receiver</b> <Rcvr>	[0..1]	±		751
	<b>Acceptor</b> <Acptr>	[0..1]	±		752
	<b>Destination</b> <Dstn>	[0..1]	±		753
	<b>Terminal</b> <Termnl>	[0..1]	±		754
	<b>Issuer</b> <Issr>	[0..1]	±		754
	<b>Card</b> <Card>	[1..1]	±		755
	<b>Token</b> <Tkn>	[0..1]	±		756
	<b>Context</b> <Cntxt>	[1..1]	±		756
	<b>Transaction</b> <Tx>	[1..1]			757
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		758
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		758
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		758
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		759
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		759
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcnt>	[0..*]	±		760
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		760
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		761
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		761
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		762
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		762
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		763
	<b>AccountTo</b> <AcctTo>	[0..1]	±		763
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		764
	<b>AdditionalData</b> <AddtlData>	[0..*]			764
	<b>Type</b> <Tp>	[0..1]	Text		764
	<b>Value</b> <Val>	[0..1]	Text		764
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		764

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		765
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		765
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		748
	<b>Originator</b> <Orgtr>	[0..1]	±		749
	<b>Sender</b> <Sndr>	[0..1]	±		750
	<b>Receiver</b> <Rcvr>	[0..1]	±		751
	<b>Acceptor</b> <Acptr>	[0..1]	±		752
	<b>Destination</b> <Dstn>	[0..1]	±		753
	<b>Terminal</b> <Termnl>	[0..1]	±		754
	<b>Issuer</b> <Issr>	[0..1]	±		754
	<b>Card</b> <Card>	[1..1]	±		755
	<b>Token</b> <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 <Acptr>**

*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 <CardPrftlIdr>	[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 <TknInittlInd>	[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 <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

### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		758
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		758
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		758
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		759
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		759
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		760
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		760
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		761
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		761
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		762
	<b>OriginalAdditionalFee</b> <OrgnlAddtlFee>	[0..*]	±		762
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		763
	<b>AccountTo</b> <AcctTo>	[0..1]	±		763
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		764
	<b>AdditionalData</b> <AddtlData>	[0..*]			764
	<b>Type</b> <Tp>	[0..1]	Text		764
	<b>Value</b> <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 <SpclPrgrmmQlfcntn>

*Presence:* [0..\*]

*Definition:* Data to qualify for incentive or other related programmes.

**SpecialProgrammeQualification <SpclPrgrmmQlfcntn>** 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 <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 <LifeCyclTraclDData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		764
	<b>Value &lt;Val&gt;</b>	[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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		772
	<b>Body</b> <Body>	[1..1]			773
	<b>Environment</b> <Envt>	[1..1]			775
	<b>Acquirer</b> <Acqrr>	[1..1]	±		775
	<b>Originator</b> <Orgtr>	[0..1]	±		776
	<b>Sender</b> <Sndr>	[0..1]	±		777
	<b>Receiver</b> <Rcvr>	[0..1]	±		778
	<b>Acceptor</b> <Acptr>	[0..1]	±		779
	<b>Destination</b> <Dstn>	[0..1]	±		781
	<b>Payer</b> <Pyer>	[0..1]	±		781
	<b>Payee</b> <Pyee>	[0..1]	±		782
	<b>Terminal</b> <Termnl>	[0..1]	±		782
	<b>Issuer</b> <Issr>	[0..1]	±		782
	<b>Card</b> <Card>	[1..1]	±		783
	<b>Wallet</b> <Wllt>	[0..1]	±		784
	<b>Token</b> <Tkn>	[0..1]	±		784
	<b>Context</b> <Cntxt>	[1..1]			785
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		785
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		786
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		787
	<b>Transaction</b> <Tx>	[0..1]			788
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		789
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		789
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcfn>	[0..*]	±		789
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		790
	<b>DisputeData</b> <DsptData>	[0..*]	±		790
	<b>RetrievalFulfilmentInstructions</b> <RtrvIFlfmtlnstrs>	[0..*]	±		791
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		791
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		792

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			792
	<b>Type</b> <Tp>	[0..1]	Text		792
	<b>Value</b> <Val>	[0..1]	Text		792
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			793
	<b>Environment</b> <Envvt>	[0..1]	±		793
	<b>Context</b> <Cntxt>	[0..1]	±		794
	<b>Transaction</b> <Tx>	[0..1]	±		795
	<b>ProcessingResult</b> <PrpgRslt>	[0..1]	±		796
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		797
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	800
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			775
	<b>Acquirer</b> <Acqrr>	[1..1]	±		775
	<b>Originator</b> <Orgtr>	[0..1]	±		776
	<b>Sender</b> <Sndr>	[0..1]	±		777
	<b>Receiver</b> <Rcvr>	[0..1]	±		778
	<b>Acceptor</b> <Acptr>	[0..1]	±		779
	<b>Destination</b> <Dstn>	[0..1]	±		781
	<b>Payer</b> <Pyer>	[0..1]	±		781
	<b>Payee</b> <Pye>	[0..1]	±		782
	<b>Terminal</b> <Termnl>	[0..1]	±		782
	<b>Issuer</b> <Issr>	[0..1]	±		782
	<b>Card</b> <Card>	[1..1]	±		783
	<b>Wallet</b> <Wlt>	[0..1]	±		784
	<b>Token</b> <Tkn>	[0..1]	±		784
	<b>Context</b> <Cntxt>	[1..1]			785
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		785
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		786
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		787
	<b>Transaction</b> <Tx>	[0..1]			788
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		789
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		789
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		789
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		790
	<b>DisputeData</b> <DsptData>	[0..*]	±		790
	<b>RetrievalFulfilmentInstructions</b> <RtrvIFlfmtlnstrs>	[0..*]	±		791
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		791
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		792
	<b>AdditionalData</b> <AddtlData>	[0..*]			792
	<b>Type</b> <Tp>	[0..1]	Text		792
	<b>Value</b> <Val>	[0..1]	Text		792
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]			793

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[0..1]	±		793
	<b>Context</b> <Cntxt>	[0..1]	±		794
	<b>Transaction</b> <Tx>	[0..1]	±		795
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		796
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		797
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		775
	<b>Originator</b> <Orgtr>	[0..1]	±		776
	<b>Sender</b> <Sndr>	[0..1]	±		777
	<b>Receiver</b> <Rcvr>	[0..1]	±		778
	<b>Acceptor</b> <Acptr>	[0..1]	±		779
	<b>Destination</b> <Dstn>	[0..1]	±		781
	<b>Payer</b> <Pyer>	[0..1]	±		781
	<b>Payee</b> <Pyee>	[0..1]	±		782
	<b>Terminal</b> <Termnl>	[0..1]	±		782
	<b>Issuer</b> <Issr>	[0..1]	±		782
	<b>Card</b> <Card>	[1..1]	±		783
	<b>Wallet</b> <Wllt>	[0..1]	±		784
	<b>Token</b> <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 <CstrmrSvc>	[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 <TermnIId>	[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 <CardPrftlIdr>	[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 <TknInittlnd>	[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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		785
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		786
	<b>SaleContext</b> <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 <CrhdldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrhdldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvICtgy>	[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
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1865
	TransitIndicator <TrnstInd>	[0..1]	Indicator		1865
	PartialApprovalSupported <PrtlApprvlSprtd>	[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 <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

#### 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 <RctDstrn>	[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
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		789
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		789
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		789
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		790
	<b>DisputeData</b> <DsptData>	[0..*]	±		790
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFlfmlnstrs>	[0..*]	±		791
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		791
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		792
	<b>AdditionalData</b> <AddtlData>	[0..*]			792
	<b>Type</b> <Tp>	[0..1]	Text		792
	<b>Value</b> <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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardlssrRefData>	[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 <EstblshdMtd>	[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
	<b>Type</b> <Tp>	[0..1]	Text		792
	<b>Value</b> <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 <OrgnITx>

*Presence:* [0..1]

*Definition:* Original transaction for which a retrieval is requested.

**OriginalTransaction <OrgnITx>** contains the following **OriginalTransaction2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment &lt;Envt&gt;</b>	[0..1]	±		793
	<b>Context &lt;Cntxt&gt;</b>	[0..1]	±		794
	<b>Transaction &lt;Tx&gt;</b>	[0..1]	±		795
	<b>ProcessingResult &lt;PrpgRslt&gt;</b>	[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 <Termnllid>	[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 <AssoctdDataRef>	[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 <ActnReqr>	[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 <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
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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		804
	<b>Body</b> <Body>	[1..1]			805
	<b>Environment</b> <Envt>	[1..1]			807
	<b>Acquirer</b> <Acqrr>	[1..1]	±		807
	<b>Originator</b> <Orgtr>	[0..1]	±		808
	<b>Sender</b> <Sndr>	[0..1]	±		809
	<b>Receiver</b> <Rcvr>	[0..1]	±		810
	<b>Acceptor</b> <Acptr>	[0..1]	±		811
	<b>Destination</b> <Dstn>	[0..1]	±		813
	<b>Payer</b> <Pyer>	[0..1]	±		813
	<b>Payee</b> <Pyee>	[0..1]	±		814
	<b>Terminal</b> <Termnl>	[0..1]	±		814
	<b>Issuer</b> <Issr>	[0..1]	±		814
	<b>Card</b> <Card>	[1..1]	±		815
	<b>Wallet</b> <Wllt>	[0..1]	±		816
	<b>Token</b> <Tkn>	[0..1]	±		816
	<b>Context</b> <Cntxt>	[1..1]			817
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		817
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		818
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		819
	<b>Transaction</b> <Tx>	[0..1]			820
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		821
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		821
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcfn>	[0..*]	±		821
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		822
	<b>DisputeData</b> <DsptData>	[0..*]	±		822
	<b>RetrievalFulfilmentInstructions</b> <RtrvIFlfmtInstrs>	[0..*]	±		823
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		823
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		824

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			824
	<b>Type</b> <Tp>	[0..1]	Text		824
	<b>Value</b> <Val>	[0..1]	Text		824
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		825
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		825
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	828
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			807
	<b>Acquirer</b> <Acqrr>	[1..1]	±		807
	<b>Originator</b> <Orgtr>	[0..1]	±		808
	<b>Sender</b> <Sndr>	[0..1]	±		809
	<b>Receiver</b> <Rcvr>	[0..1]	±		810
	<b>Acceptor</b> <Acptr>	[0..1]	±		811
	<b>Destination</b> <Dstn>	[0..1]	±		813
	<b>Payer</b> <Pyer>	[0..1]	±		813
	<b>Payee</b> <Pye>	[0..1]	±		814
	<b>Terminal</b> <Termnl>	[0..1]	±		814
	<b>Issuer</b> <Issr>	[0..1]	±		814
	<b>Card</b> <Card>	[1..1]	±		815
	<b>Wallet</b> <Wlt>	[0..1]	±		816
	<b>Token</b> <Tkn>	[0..1]	±		816
	<b>Context</b> <Cntxt>	[1..1]			817
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		817
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		818
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		819
	<b>Transaction</b> <Tx>	[0..1]			820
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		821
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		821
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		821
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		822
	<b>DisputeData</b> <DsptData>	[0..*]	±		822
	<b>RetrievalFulfilmentInstructions</b> <RtrvIFlfmtlnstrs>	[0..*]	±		823
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		823
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		824
	<b>AdditionalData</b> <AddtlData>	[0..*]			824
	<b>Type</b> <Tp>	[0..1]	Text		824
	<b>Value</b> <Val>	[0..1]	Text		824
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		825

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		825
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		807
	<b>Originator</b> <Orgtr>	[0..1]	±		808
	<b>Sender</b> <Sndr>	[0..1]	±		809
	<b>Receiver</b> <Rcvr>	[0..1]	±		810
	<b>Acceptor</b> <Accpt>	[0..1]	±		811
	<b>Destination</b> <Dstn>	[0..1]	±		813
	<b>Payer</b> <Pyer>	[0..1]	±		813
	<b>Payee</b> <Pyee>	[0..1]	±		814
	<b>Terminal</b> <Termnl>	[0..1]	±		814
	<b>Issuer</b> <Issr>	[0..1]	±		814
	<b>Card</b> <Card>	[1..1]	±		815
	<b>Wallet</b> <Wllt>	[0..1]	±		816
	<b>Token</b> <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 <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 <CstrmrSvc>	[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 <TermnIId>	[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 <CardPrftlIdr>	[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 <TknInittlnd>	[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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		817
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		818
	<b>SaleContext</b> <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 <CrhdldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrhdldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvICtgy>	[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
	MOTOCCode <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

#### 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 <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

#### 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
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		821
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		821
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		821
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		822
	<b>DisputeData</b> <DsptData>	[0..*]	±		822
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFflmtlnstrs>	[0..*]	±		823
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		823
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		824
	<b>AdditionalData</b> <AddtlData>	[0..*]			824
	<b>Type</b> <Tp>	[0..1]	Text		824
	<b>Value</b> <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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardlssrRefData>	[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 <EstblshdMtd>	[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
	<b>Type</b> <Tp>	[0..1]	Text		824
	<b>Value</b> <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 <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 <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
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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		832
	<b>Body</b> <Body>	[1..1]			833
	<b>Environment</b> <Envt>	[1..1]			835
	<b>Acquirer</b> <Acqrr>	[1..1]	±		836
	<b>Originator</b> <Orgtr>	[0..1]	±		836
	<b>Sender</b> <Sndr>	[0..1]	±		837
	<b>Receiver</b> <Rcvr>	[0..1]	±		838
	<b>Acceptor</b> <Acptr>	[1..1]	±		839
	<b>Destination</b> <Dstn>	[0..1]	±		841
	<b>Terminal</b> <Termnl>	[0..1]	±		841
	<b>Issuer</b> <Issr>	[0..1]	±		842
	<b>Card</b> <Card>	[0..1]	±		843
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		843
	<b>Wallet</b> <Wllt>	[0..1]	±		844
	<b>Token</b> <Tkn>	[0..1]	±		845
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		846
	<b>Context</b> <Cntxt>	[1..1]			847
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		847
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		849
	<b>Verification</b> <Vrfctn>	[0..*]	±		851
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		852
	<b>Transaction</b> <Tx>	[1..1]			852
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		852
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		853
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		853
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		853
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		853
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		853
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		854

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	854
	<b>DetailedAmount</b> <DtldAmt>	[0..*]	±		855
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		855
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		855
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		856
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		856
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		857
	<b>AdditionalData</b> <AddtlData>	[0..*]			857
	<b>Type</b> <Tp>	[0..1]	Text		857
	<b>Value</b> <Val>	[0..1]	Text		857
	<b>AddendumData</b> <AdddmData>	[0..1]	±		857
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		858
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		858
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		858
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	861
	<b>SecurityTrailer</b> <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
	<b>Environment</b> <Envt>	[1..1]			835
	<b>Acquirer</b> <Acqrr>	[1..1]	±		836
	<b>Originator</b> <Orgtr>	[0..1]	±		836
	<b>Sender</b> <Sndr>	[0..1]	±		837
	<b>Receiver</b> <Rcvr>	[0..1]	±		838
	<b>Acceptor</b> <Acptr>	[1..1]	±		839
	<b>Destination</b> <Dstn>	[0..1]	±		841
	<b>Terminal</b> <Termnl>	[0..1]	±		841
	<b>Issuer</b> <Issr>	[0..1]	±		842
	<b>Card</b> <Card>	[0..1]	±		843
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		843
	<b>Wallet</b> <Wlt>	[0..1]	±		844
	<b>Token</b> <Tkn>	[0..1]	±		845
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		846
	<b>Context</b> <Cntxt>	[1..1]			847
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		847
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		849
	<b>Verification</b> <Vrftcn>	[0..*]	±		851
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		852
	<b>Transaction</b> <Tx>	[1..1]			852
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		852
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		853
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		853
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		853
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		853
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlftcn>	[0..*]	±		853
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		854
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	854
	<b>DetailedAmount</b> <DtldAmt>	[0..*]	±		855
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		855
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		855

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		856
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		856
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		857
	<b>AdditionalData</b> <AddtlData>	[0..*]			857
	<b>Type</b> <Tp>	[0..1]	Text		857
	<b>Value</b> <Val>	[0..1]	Text		857
	<b>AddendumData</b> <AdddmData>	[0..1]	±		857
	<b>ProcessingResult</b> <PrpgRslt>	[0..1]	±		858
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		858
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		858
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		836
	<b>Originator</b> <Orgtr>	[0..1]	±		836
	<b>Sender</b> <Sndr>	[0..1]	±		837
	<b>Receiver</b> <Rcvr>	[0..1]	±		838
	<b>Acceptor</b> <Accptr>	[1..1]	±		839
	<b>Destination</b> <Dstn>	[0..1]	±		841
	<b>Terminal</b> <Termnl>	[0..1]	±		841
	<b>Issuer</b> <Issr>	[0..1]	±		842
	<b>Card</b> <Card>	[0..1]	±		843
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		843
	<b>Wallet</b> <Wllt>	[0..1]	±		844
	<b>Token</b> <Tkn>	[0..1]	±		845
	<b>Cardholder</b> <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 <CstrmrSvc>	[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 <CardPrflldr>	[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 <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

#### 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 <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 <HghValCstmrInd>	[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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		847
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		849
	<b>Verification</b> <Vrfctn>	[0..*]	±		851
	<b>RiskContext</b> <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
	MOTOCCode <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 <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 <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 <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

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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		852
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		853
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		853
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		853
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		853
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		853
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		854
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	854
	<b>DetailedAmount</b> <DtldAmt>	[0..*]	±		855
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		855
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		855
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		856
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		856
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		857
	<b>AdditionalData</b> <AddtlData>	[0..*]			857
	<b>Type</b> <Tp>	[0..1]	Text		857
	<b>Value</b> <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 <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

#### 28.4.2.3.6 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

*Presence:* [0..\*]

*Definition:* Data to qualify for incentive or other related programmes.

**SpecialProgrammeQualification <SpclPrgrmmQlfcfn>** 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 <Txld>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <Txld>** 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 <LifeCyclTracldData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTracldMssng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardlssrRefData>	[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
	<b>Type</b> <Tp>	[0..1]	Text		857
	<b>Value</b> <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 <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

#### 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 <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
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 <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

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 <OthrlId>	[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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		865
	<b>Body</b> <Body>	[1..1]			866
	<b>Environment</b> <Envt>	[1..1]			868
	<b>Acquirer</b> <Acqrr>	[1..1]	±		868
	<b>Originator</b> <Orgtr>	[0..1]	±		869
	<b>Sender</b> <Sndr>	[0..1]	±		870
	<b>Receiver</b> <Rcvr>	[0..1]	±		871
	<b>Acceptor</b> <Acptr>	[1..1]	±		872
	<b>Destination</b> <Dstn>	[0..1]	±		874
	<b>Terminal</b> <Termnl>	[0..1]	±		874
	<b>Issuer</b> <Issr>	[0..1]	±		875
	<b>Card</b> <Card>	[1..1]	±		875
	<b>Wallet</b> <Wllt>	[0..1]	±		876
	<b>Token</b> <Tkn>	[0..1]	±		877
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		878
	<b>Context</b> <Cntxt>	[1..1]			879
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		879
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		880
	<b>Verification</b> <Vrfctn>	[0..*]	±		881
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		882
	<b>Transaction</b> <Tx>	[1..1]			882
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		882
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		883
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		883
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		883
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		883
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		884
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		884
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		885

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		885
	<b>AccountStatementData</b> <AcctStmntData>	[0..*]	±		886
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		887
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		887
	<b>AdditionalData</b> <AddtlData>	[0..*]			888
	<b>Type</b> <Tp>	[0..1]	Text		888
	<b>Value</b> <Val>	[0..1]	Text		888
	<b>AddendumData</b> <AdddmData>	[0..1]	±		888
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		888
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		889
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		889
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	892
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			868
	<b>Acquirer</b> <Acqrr>	[1..1]	±		868
	<b>Originator</b> <Orgtr>	[0..1]	±		869
	<b>Sender</b> <Sndr>	[0..1]	±		870
	<b>Receiver</b> <Rcvr>	[0..1]	±		871
	<b>Acceptor</b> <Acceptr>	[1..1]	±		872
	<b>Destination</b> <Dstn>	[0..1]	±		874
	<b>Terminal</b> <Termnl>	[0..1]	±		874
	<b>Issuer</b> <Issr>	[0..1]	±		875
	<b>Card</b> <Card>	[1..1]	±		875
	<b>Wallet</b> <Wlt>	[0..1]	±		876
	<b>Token</b> <Tkn>	[0..1]	±		877
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		878
	<b>Context</b> <Cntxt>	[1..1]			879
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		879
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		880
	<b>Verification</b> <Vrfctn>	[0..*]	±		881
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		882
	<b>Transaction</b> <Tx>	[1..1]			882
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		882
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		883
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		883
	<b>SpecialProgrammeQualification</b> <SpclPgrmmQlfcnt>	[0..*]	±		883
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		883
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		884
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		884
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		885
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		885
	<b>AccountStatementData</b> <AcctStmntData>	[0..*]	±		886
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		887
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		887

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			888
	<b>Type</b> <Tp>	[0..1]	Text		888
	<b>Value</b> <Val>	[0..1]	Text		888
	<b>AddendumData</b> <AdddmData>	[0..1]	±		888
	<b>ProcessingResult</b> <PrccgRslt>	[1..1]	±		888
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		889
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		889
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		868
	<b>Originator</b> <Orgtr>	[0..1]	±		869
	<b>Sender</b> <Sndr>	[0..1]	±		870
	<b>Receiver</b> <Rcvr>	[0..1]	±		871
	<b>Acceptor</b> <Accpt>	[1..1]	±		872
	<b>Destination</b> <Dstn>	[0..1]	±		874
	<b>Terminal</b> <Termnl>	[0..1]	±		874
	<b>Issuer</b> <Issr>	[0..1]	±		875
	<b>Card</b> <Card>	[1..1]	±		875
	<b>Wallet</b> <Wlft>	[0..1]	±		876
	<b>Token</b> <Tkn>	[0..1]	±		877
	<b>Cardholder</b> <Crdhdr>	[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 <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 <CstrmrSvc>	[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 <CardPrftlldr>	[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 <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

#### 29.4.2.1.12 Cardholder <Crdhldr>

*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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		879
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		880
	<b>Verification</b> <Vrfctn>	[0..*]	±		881
	<b>RiskContext</b> <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 <UattnddLvCtgy>	[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
	MOTOCCode <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 <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

#### 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 <SpclPrgrmmQlfcfn>	[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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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 <StmDt>	[0..1]	Date		1372
	StatementTime <StmTm>	[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 <CrdhldrBligAmt>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		888
	<b>Value &lt;Val&gt;</b>	[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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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 <OthrlId>	[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 <KeyPrctn>	[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> <VrfctnInitr>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		897
	<b>Body</b> <Body>	[1..1]			898
	<b>Environment</b> <Envt>	[1..1]			901
	<b>Acquirer</b> <Acqrr>	[1..1]	±		903
	<b>Originator</b> <Orgtr>	[0..1]	±		903
	<b>Sender</b> <Sndr>	[0..1]	±		904
	<b>Receiver</b> <Rcvr>	[0..1]	±		905
	<b>Acceptor</b> <Acptr>	[0..1]	±		906
	<b>Destination</b> <Dstn>	[0..1]	±		908
	<b>Payer</b> <Pyer>	[0..1]	±		908
	<b>Payee</b> <Pyee>	[0..1]	±		909
	<b>Terminal</b> <Termnl>	[0..1]	±		909
	<b>Issuer</b> <Issr>	[0..1]	±		909
	<b>Card</b> <Card>	[0..1]	±		910
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		911
	<b>Wallet</b> <Wllt>	[0..1]	±		912
	<b>Token</b> <Tkn>	[0..1]			913
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		914
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		914
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		915
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		915
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		915
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		915
	<b>TokenInitiatedIndicator</b> <TknInittlnd>	[0..1]	Indicator		915
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		915
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		916
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		916
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		916
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			916

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		917
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		917
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		917
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		917
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		917
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		917
	<b>AdditionalData</b> <AddtlData>	[0..*]			917
	<b>Type</b> <Tp>	[0..1]	Text		918
	<b>Value</b> <Val>	[0..1]	Text		918
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		918
	<b>Context</b> <Cntxt>	[1..1]			918
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		919
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		921
	<b>Verification</b> <Vrfctn>	[0..*]	±		923
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		924
	<b>Transaction</b> <Tx>	[1..1]			924
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		925
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		925
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		926
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		926
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		927
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		927
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		927
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		927
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		928
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	928
	<b>DetailedAmount</b> <DtldAmt>	[0..*]	±		929
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		929
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		929
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		930
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		930

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		931
	<b>AccountTo</b> <AcctTo>	[0..1]	±		931
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		931
	<b>AdditionalData</b> <AddtlData>	[0..*]			931
	<b>Type</b> <Tp>	[0..1]	Text		932
	<b>Value</b> <Val>	[0..1]	Text		932
	<b>AddendumData</b> <AdddmData>	[0..1]	±		932
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		932
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		933
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		933
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	936
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			901
	<b>Acquirer</b> <Acqrr>	[1..1]	±		903
	<b>Originator</b> <Orgtr>	[0..1]	±		903
	<b>Sender</b> <Sndr>	[0..1]	±		904
	<b>Receiver</b> <Rcvr>	[0..1]	±		905
	<b>Acceptor</b> <Acptr>	[0..1]	±		906
	<b>Destination</b> <Dstn>	[0..1]	±		908
	<b>Payer</b> <Pyer>	[0..1]	±		908
	<b>Payee</b> <Pye>	[0..1]	±		909
	<b>Terminal</b> <Termnl>	[0..1]	±		909
	<b>Issuer</b> <Issr>	[0..1]	±		909
	<b>Card</b> <Card>	[0..1]	±		910
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		911
	<b>Wallet</b> <Wlt>	[0..1]	±		912
	<b>Token</b> <Tkn>	[0..1]			913
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		914
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		914
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		915
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		915
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		915
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		915
	<b>TokenInitiatedIndicator</b> <TknInittlnd>	[0..1]	Indicator		915
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		915
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		916
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		916
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		916
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			916
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		917
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		917
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		917
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		917

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		917
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		917
	<b>AdditionalData</b> <AddtlData>	[0..*]			917
	<b>Type</b> <Tp>	[0..1]	Text		918
	<b>Value</b> <Val>	[0..1]	Text		918
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		918
	<b>Context</b> <Cntxt>	[1..1]			918
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		919
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		921
	<b>Verification</b> <Vrfctn>	[0..*]	±		923
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		924
	<b>Transaction</b> <Tx>	[1..1]			924
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		925
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		925
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		926
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		926
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		927
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		927
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		927
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		927
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		928
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	928
	<b>DetailedAmount</b> <DtlAmt>	[0..*]	±		929
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		929
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		929
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		930
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		930
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		931
	<b>AccountTo</b> <AcctTo>	[0..1]	±		931
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		931
	<b>AdditionalData</b> <AddtlData>	[0..*]			931

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		932
	<b>Value</b> <Val>	[0..1]	Text		932
	<b>AddendumData</b> <AdddmData>	[0..1]	±		932
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		932
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		933
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		933
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		903
	<b>Originator</b> <Orgtr>	[0..1]	±		903
	<b>Sender</b> <Sndr>	[0..1]	±		904
	<b>Receiver</b> <Rcvr>	[0..1]	±		905
	<b>Acceptor</b> <Accptr>	[0..1]	±		906
	<b>Destination</b> <Dstn>	[0..1]	±		908
	<b>Payer</b> <Pyer>	[0..1]	±		908
	<b>Payee</b> <Pyee>	[0..1]	±		909
	<b>Terminal</b> <Termnl>	[0..1]	±		909
	<b>Issuer</b> <Issr>	[0..1]	±		909
	<b>Card</b> <Card>	[0..1]	±		910
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		911
	<b>Wallet</b> <Wllt>	[0..1]	±		912
	<b>Token</b> <Tkn>	[0..1]			913
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		914
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		914
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		915
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		915
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		915
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		915
	<b>TokenInitiatedIndicator</b> <TknInittndInd>	[0..1]	Indicator		915
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		915
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		916
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		916
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		916
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			916
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		917
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		917
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		917
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		917
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		917

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		917
	<b>AdditionalData</b> <AddtlData>	[0..*]			917
	<b>Type</b> <Tp>	[0..1]	Text		918
	<b>Value</b> <Val>	[0..1]	Text		918
	<b>Cardholder</b> <Crhdldr>	[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 <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 <CstrmrSvc>	[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 <TermnIld>	[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 <CardPrflldr>	[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 <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

#### 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
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		914
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		914
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		915
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		915
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		915
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		915
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		915
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		915
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		916
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		916
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		916
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			916
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		917
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		917
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		917
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		917
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		917
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		917
	<b>AdditionalData</b> <AddtlData>	[0..*]			917
	<b>Type</b> <Tp>	[0..1]	Text		918
	<b>Value</b> <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 <TknInittId>**

*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 <PrtcnMtd>**

*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 <OthrPrtcnMtd>**

*Presence:* [0..1]

*Definition:* Other national or private protection method code.

*Datatype:* "Max35Text" on page 2207

**30.4.2.1.14.12 OriginalToken <OrgnlTkn>**

*Presence:* [0..1]

*Definition:* Original token.

**OriginalToken <OrgnlTkn>** contains the following **Token4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		917
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		917
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		917
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		917
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		917
	<b>TokenReferenceIdentification</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		918
	<b>Value</b> <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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		919
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		921
	<b>Verification</b> <Vrfctn>	[0..*]	±		923
	<b>RiskContext</b> <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 <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
	MOTOCCode <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 <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 <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

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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		925
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		925
	<b>TransactionAttribute</b> <TxAttr>	[0..1]	CodeSet		926
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..1]	Text		926
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		927
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		927
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		927
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		927
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		928
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	928
	<b>DetailedAmount</b> <DtldAmt>	[0..*]	±		929
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		929
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		929
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		930
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		930
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		931
	<b>AccountTo</b> <AcctTo>	[0..1]	±		931
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		931
	<b>AdditionalData</b> <AddtlData>	[0..*]			931
	<b>Type</b> <Tp>	[0..1]	Text		932
	<b>Value</b> <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 <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

*Definition:* Data to qualify for incentive or other related programmes.

**SpecialProgrammeQualification <SpclPrgrmmQlfcfn>** 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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		932
	<b>Value &lt;Val&gt;</b>	[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 <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 <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

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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		941
	<b>Body</b> <Body>	[1..1]			942
	<b>Environment</b> <Envt>	[1..1]			944
	<b>Acquirer</b> <Acqrr>	[1..1]	±		946
	<b>Originator</b> <Orgtr>	[0..1]	±		946
	<b>Sender</b> <Sndr>	[0..1]	±		947
	<b>Receiver</b> <Rcvr>	[0..1]	±		948
	<b>Acceptor</b> <Acptr>	[0..1]	±		949
	<b>Destination</b> <Dstn>	[0..1]	±		950
	<b>Terminal</b> <Termnl>	[0..1]	±		951
	<b>Issuer</b> <Issr>	[0..1]	±		951
	<b>Card</b> <Card>	[0..1]	±		952
	<b>Wallet</b> <Wllt>	[0..1]	±		953
	<b>Token</b> <Tkn>	[0..1]			954
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		955
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		955
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		956
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		956
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		956
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		956
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		956
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		956
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		957
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		957
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		957
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			957
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		958
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		958
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		958

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		958
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		958
	<b>TokenReferenceIdentification</b> <TknRefId>	[0..1]	Text		958
	<b>AdditionalData</b> <AddtlData>	[0..*]			958
	<b>Type</b> <Tp>	[0..1]	Text		959
	<b>Value</b> <Val>	[0..1]	Text		959
	<b>Cardholder</b> <Crdhdr>	[0..1]	±		959
	<b>Context</b> <Cntxt>	[1..1]			959
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		960
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		961
	<b>Verification</b> <Vrfctn>	[0..*]	±		962
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		963
	<b>Transaction</b> <Tx>	[1..1]			963
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		963
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		964
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		964
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		964
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		964
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		965
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		965
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		966
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		966
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		967
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		967
	<b>AdditionalData</b> <AddtlData>	[0..*]			967
	<b>Type</b> <Tp>	[0..1]	Text		968
	<b>Value</b> <Val>	[0..1]	Text		968
	<b>AddendumData</b> <AdddmData>	[0..1]	±		968
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		968
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		969
	<b>ProtectedData</b> <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 <PrtcolVrsn>	[1..1]	Text		1753
	Exchangeldentification <Xchgld>	[0..1]	Text		1753
	ReTransmissionCounter <ReTrnsmssnCntnr>	[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
	<b>Environment</b> <Envt>	[1..1]			944
	<b>Acquirer</b> <Acqrr>	[1..1]	±		946
	<b>Originator</b> <Orgtr>	[0..1]	±		946
	<b>Sender</b> <Sndr>	[0..1]	±		947
	<b>Receiver</b> <Rcvr>	[0..1]	±		948
	<b>Acceptor</b> <Acptr>	[0..1]	±		949
	<b>Destination</b> <Dstn>	[0..1]	±		950
	<b>Terminal</b> <Termnl>	[0..1]	±		951
	<b>Issuer</b> <Issr>	[0..1]	±		951
	<b>Card</b> <Card>	[0..1]	±		952
	<b>Wallet</b> <Wlt>	[0..1]	±		953
	<b>Token</b> <Tkn>	[0..1]			954
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		955
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		955
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		956
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		956
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		956
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		956
	<b>TokenInitiatedIndicator</b> <TknInittlnd>	[0..1]	Indicator		956
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		956
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		957
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		957
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		957
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			957
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		958
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		958
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		958
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		958
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		958
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		958
	<b>AdditionalData</b> <AddtlData>	[0..*]			958

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		959
	<b>Value</b> <Val>	[0..1]	Text		959
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		959
	<b>Context</b> <Cntxt>	[1..1]			959
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		960
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		961
	<b>Verification</b> <Vrfctn>	[0..*]	±		962
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		963
	<b>Transaction</b> <Tx>	[1..1]			963
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		963
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		964
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		964
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		964
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		964
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		965
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		965
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		966
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		966
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		967
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		967
	<b>AdditionalData</b> <AddtlData>	[0..*]			967
	<b>Type</b> <Tp>	[0..1]	Text		968
	<b>Value</b> <Val>	[0..1]	Text		968
	<b>AddendumData</b> <AdddmData>	[0..1]	±		968
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		968
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		969
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		969
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		946
	<b>Originator</b> <Orgtr>	[0..1]	±		946
	<b>Sender</b> <Sndr>	[0..1]	±		947
	<b>Receiver</b> <Rcvr>	[0..1]	±		948
	<b>Acceptor</b> <Accptr>	[0..1]	±		949
	<b>Destination</b> <Dstn>	[0..1]	±		950
	<b>Terminal</b> <Termnl>	[0..1]	±		951
	<b>Issuer</b> <Issr>	[0..1]	±		951
	<b>Card</b> <Card>	[0..1]	±		952
	<b>Wallet</b> <Wllt>	[0..1]	±		953
	<b>Token</b> <Tkn>	[0..1]			954
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		955
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		955
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		956
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		956
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		956
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		956
	<b>TokenInitiatedIndicator</b> <TknInittdInd>	[0..1]	Indicator		956
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		956
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		957
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		957
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		957
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			957
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		958
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		958
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		958
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		958
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		958
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		958
	<b>AdditionalData</b> <AddtlData>	[0..*]			958
	<b>Type</b> <Tp>	[0..1]	Text		959

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Value <Val>	[0..1]	Text		959
	Cardholder <Crhdldr>	[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 <Acptr>

*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 <CardPrftlldr>	[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
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		955
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		955
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		956
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		956
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		956
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		956
	<b>TokenInitiatedIndicator</b> <TknInittlnd>	[0..1]	Indicator		956
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		956
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		957
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		957
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		957
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			957
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		958
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		958
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		958
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		958
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		958
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		958
	<b>AdditionalData</b> <AddtlData>	[0..*]			958
	<b>Type</b> <Tp>	[0..1]	Text		959
	<b>Value</b> <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 <TknInittldInd>**

*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 <PrtcnMtd>**

*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 <OthrPrtcnMtd>**

*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
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		958
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		958
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		958
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		958
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		958
	<b>TokenReferenceIdentification</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		959
	<b>Value</b> <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 <Crdhdr>***Presence:* [0..1]*Definition:* Cardholder performing the card payment transaction.**Cardholder <Crdhdr>** contains the following elements (see "Cardholder19" on page 1763 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardholderName <CrdhdrNm>	[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 <CrdhdrNm>	[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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		960
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		961
	<b>Verification</b> <Vrfctn>	[0..*]	±		962
	<b>RiskContext</b> <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 <UattnddLvCtgy>	[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
	MOTOCCode <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 <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

### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		963
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		964
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		964
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		964
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		964
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		965
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		965
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		966
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		966
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		967
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		967
	<b>AdditionalData</b> <AddtlData>	[0..*]			967
	<b>Type</b> <Tp>	[0..1]	Text		968
	<b>Value</b> <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 <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

### 31.4.2.3.4 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

### 31.4.2.3.5 TransactionIdentification <Txld>

*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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		968
	<b>Value &lt;Val&gt;</b>	[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 <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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		977
	<b>Body</b> <Body>	[1..1]			977
	<b>Environment</b> <Envt>	[1..1]			978
	<b>Originator</b> <Orgtr>	[0..1]	±		979
	<b>Sender</b> <Sndr>	[0..1]	±		979
	<b>Receiver</b> <Rcvr>	[0..1]	±		979
	<b>Destination</b> <Dstn>	[0..1]	±		980
	<b>Context</b> <Cntxt>	[0..1]			980
	<b>TransactionContext</b> <TxCntxt>	[0..1]			981
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		981
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			982
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		982
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		982
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		982
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		983
	<b>AdditionalData</b> <AddtlData>	[0..*]			983
	<b>Type</b> <Tp>	[0..1]	Text		984
	<b>Value</b> <Val>	[0..1]	Text		984
	<b>Transaction</b> <Tx>	[1..1]			984
	<b>AmendedData</b> <AmddData>	[1..*]	±		984
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		985
	<b>OriginalMessage</b> <OrgnlMsg>	[0..1]	Binary		985
	<b>MessageAmended</b> <MsgAmdd>	[0..1]	Binary		985
	<b>AdditionalData</b> <AddtlData>	[0..*]			986
	<b>Type</b> <Tp>	[0..1]	Text		986
	<b>Value</b> <Val>	[0..1]	Text		986
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		986
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	989
	<b>SecurityTrailer</b> <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 <Xchgld>	[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

### 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
	<b>Environment</b> <Envt>	[1..1]			978
	<b>Originator</b> <Orgtr>	[0..1]	±		979
	<b>Sender</b> <Sndr>	[0..1]	±		979
	<b>Receiver</b> <Rcvr>	[0..1]	±		979
	<b>Destination</b> <Dstn>	[0..1]	±		980
	<b>Context</b> <Cntxt>	[0..1]			980
	<b>TransactionContext</b> <TxCntxt>	[0..1]			981
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		981
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			982
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		982
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		982
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		982
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		983
	<b>AdditionalData</b> <AddtlData>	[0..*]			983
	<b>Type</b> <Tp>	[0..1]	Text		984
	<b>Value</b> <Val>	[0..1]	Text		984
	<b>Transaction</b> <Tx>	[1..1]			984
	<b>AmendedData</b> <AmddData>	[1..*]	±		984
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		985
	<b>OriginalMessage</b> <OrgnlMsg>	[0..1]	Binary		985
	<b>MessageAmended</b> <MsgAmdd>	[0..1]	Binary		985
	<b>AdditionalData</b> <AddtlData>	[0..*]			986
	<b>Type</b> <Tp>	[0..1]	Text		986
	<b>Value</b> <Val>	[0..1]	Text		986
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		986
	<b>SupplementaryData</b> <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
	<b>Originator</b> <Orgtr>	[0..1]	±		979
	<b>Sender</b> <Sndr>	[0..1]	±		979
	<b>Receiver</b> <Rcvr>	[0..1]	±		979
	<b>Destination</b> <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 <AddtId>	[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 <AddtId>	[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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			981
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		981
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			982
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		982
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		982
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		982
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		983
	<b>AdditionalData</b> <AddtlData>	[0..*]			983
	<b>Type</b> <Tp>	[0..1]	Text		984
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		981
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			982
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		982
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		982
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		982
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		983
	<b>AdditionalData</b> <AddtlData>	[0..*]			983
	<b>Type</b> <Tp>	[0..1]	Text		984
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		982
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		984
	<b>Value &lt;Val&gt;</b>	[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
	<b>AmendedData &lt;AmddData&gt;</b>	[1..*]	±		984
	<b>TransactionIdentification &lt;TxId&gt;</b>	[1..1]	±		985
	<b>OriginalMessage &lt;OrgnlMsg&gt;</b>	[0..1]	Binary		985
	<b>MessageAmended &lt;MsgAmdd&gt;</b>	[0..1]	Binary		985
	<b>AdditionalData &lt;AddtlData&gt;</b>	[0..*]			986
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		986
	<b>Value &lt;Val&gt;</b>	[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 <LifeCyclSprprtInd>	[0..1]	Text		1903
	LifeCycleTraceIdentificationData <LifeCyclTraclDData>	[0..1]	±		1903
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsg>	[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
	<b>Type</b> <Tp>	[0..1]	Text		986
	<b>Value</b> <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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

### 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 <KeyPrctn>	[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> <RtrvInIt>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		993
	<b>Body</b> <Body>	[1..1]			994
	<b>Environment</b> <Envt>	[1..1]			996
	<b>Acquirer</b> <Acqrr>	[1..1]	±		996
	<b>Originator</b> <Orgtr>	[0..1]	±		997
	<b>Sender</b> <Sndr>	[0..1]	±		998
	<b>Receiver</b> <Rcvr>	[0..1]	±		999
	<b>Acceptor</b> <Acptr>	[0..1]	±		1000
	<b>Destination</b> <Dstn>	[0..1]	±		1002
	<b>Payer</b> <Pyer>	[0..1]	±		1002
	<b>Payee</b> <Pyee>	[0..1]	±		1003
	<b>Terminal</b> <Termnl>	[0..1]	±		1003
	<b>Issuer</b> <Issr>	[0..1]	±		1003
	<b>Card</b> <Card>	[1..1]	±		1004
	<b>Wallet</b> <Wllt>	[0..1]	±		1005
	<b>Token</b> <Tkn>	[0..1]	±		1005
	<b>Context</b> <Cntxt>	[1..1]			1006
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1006
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1007
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		1008
	<b>Transaction</b> <Tx>	[0..1]			1009
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1010
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1010
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcfn>	[0..*]	±		1010
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1011
	<b>DisputeData</b> <DsptData>	[0..*]	±		1011
	<b>RetrievalFulfilmentInstructions</b> <RtrvFlfmlInstrs>	[0..*]	±		1012
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1012
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1013

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			1013
	<b>Type</b> <Tp>	[0..1]	Text		1013
	<b>Value</b> <Val>	[0..1]	Text		1013
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]			1014
	<b>Environment</b> <Envt>	[0..1]	±		1014
	<b>Context</b> <Cntxt>	[0..1]	±		1015
	<b>Transaction</b> <Tx>	[0..1]	±		1016
	<b>ProcessingResult</b> <PrpgRslt>	[0..1]	±		1017
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1018
	<b>RetrievalFulfilmentDestination</b> <RtrvlFlfmtDstn>	[0..1]	±		1021
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1022
	<b>SecurityTrailer</b> <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 <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

### 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
	<b>Environment</b> <Envt>	[1..1]			996
	<b>Acquirer</b> <Acqrr>	[1..1]	±		996
	<b>Originator</b> <Orgtr>	[0..1]	±		997
	<b>Sender</b> <Sndr>	[0..1]	±		998
	<b>Receiver</b> <Rcvr>	[0..1]	±		999
	<b>Acceptor</b> <Acptr>	[0..1]	±		1000
	<b>Destination</b> <Dstn>	[0..1]	±		1002
	<b>Payer</b> <Pyer>	[0..1]	±		1002
	<b>Payee</b> <Pyee>	[0..1]	±		1003
	<b>Terminal</b> <Termnl>	[0..1]	±		1003
	<b>Issuer</b> <Issr>	[0..1]	±		1003
	<b>Card</b> <Card>	[1..1]	±		1004
	<b>Wallet</b> <Wlft>	[0..1]	±		1005
	<b>Token</b> <Tkn>	[0..1]	±		1005
	<b>Context</b> <Cntxt>	[1..1]			1006
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1006
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1007
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		1008
	<b>Transaction</b> <Tx>	[0..1]			1009
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1010
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1010
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		1010
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		1011
	<b>DisputeData</b> <DsptData>	[0..*]	±		1011
	<b>RetrievalFulfilmentInstructions</b> <RtrvIFlfmtlnstrs>	[0..*]	±		1012
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1012
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1013
	<b>AdditionalData</b> <AddtlData>	[0..*]			1013
	<b>Type</b> <Tp>	[0..1]	Text		1013
	<b>Value</b> <Val>	[0..1]	Text		1013
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]			1014

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Environment</b> <Envt>	[0..1]	±		1014
	<b>Context</b> <Cntxt>	[0..1]	±		1015
	<b>Transaction</b> <Tx>	[0..1]	±		1016
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1017
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1018
	<b>RetrievalFulfilmentDestination</b> <RtrvIFlfmtDstn>	[0..1]	±		1021
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		996
	<b>Originator</b> <Orgtr>	[0..1]	±		997
	<b>Sender</b> <Sndr>	[0..1]	±		998
	<b>Receiver</b> <Rcvr>	[0..1]	±		999
	<b>Acceptor</b> <Accptr>	[0..1]	±		1000
	<b>Destination</b> <Dstn>	[0..1]	±		1002
	<b>Payer</b> <Pyer>	[0..1]	±		1002
	<b>Payee</b> <Pyee>	[0..1]	±		1003
	<b>Terminal</b> <Termnl>	[0..1]	±		1003
	<b>Issuer</b> <Issr>	[0..1]	±		1003
	<b>Card</b> <Card>	[1..1]	±		1004
	<b>Wallet</b> <Wllt>	[0..1]	±		1005
	<b>Token</b> <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 <CstrmrSvc>	[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 <SpnsrdMrcht>	[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 <TknInittlnd>	[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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1006
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1007
	<b>SaleContext</b> <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 <CrhdldrPres>	[0..1]	Indicator		1863
	CardholderActivated <CrhdldrActvtd>	[0..1]	Indicator		1863
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1863
	AttendedIndicator <AttnddInd>	[0..1]	Indicator		1864
	UnattendedLevelCategory <UattnddLvICtgy>	[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 <PrtlApprvlSprtd>	[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 <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

### 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
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1010
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1010
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		1010
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1011
	<b>DisputeData</b> <DsptData>	[0..*]	±		1011
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFlfmlnstrs>	[0..*]	±		1012
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1012
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1013
	<b>AdditionalData</b> <AddtlData>	[0..*]			1013
	<b>Type</b> <Tp>	[0..1]	Text		1013
	<b>Value</b> <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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardlssrRefData>	[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 <EstblshdMtd>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1013
	<b>Value</b> <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 <OrgnITx>

*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
	<b>Environment &lt;Envt&gt;</b>	[0..1]	±		1014
	<b>Context &lt;Cntxt&gt;</b>	[0..1]	±		1015
	<b>Transaction &lt;Tx&gt;</b>	[0..1]	±		1016
	<b>ProcessingResult &lt;PrpgRslt&gt;</b>	[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 <Termnllid>	[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 <Wllt>	[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 <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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyLength <KeyLngth>	[0..1]	Text		2010
	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

### 33.4.2.6 RetrievalFulfilmentDestination <RtrvIFlfmtDstn>

*Presence:* [0..1]

*Definition:* Destination ID or routing information of Retrieval fulfilment initiation message.

**RetrievalFulfilmentDestination <RtrvFIfmtDstn>** 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1026
	<b>Body</b> <Body>	[1..1]			1027
	<b>Environment</b> <Envt>	[1..1]			1029
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1029
	<b>Originator</b> <Orgtr>	[0..1]	±		1030
	<b>Sender</b> <Sndr>	[0..1]	±		1031
	<b>Receiver</b> <Rcvr>	[0..1]	±		1032
	<b>Acceptor</b> <Acptr>	[0..1]	±		1033
	<b>Destination</b> <Dstn>	[0..1]	±		1035
	<b>Payer</b> <Pyer>	[0..1]	±		1035
	<b>Payee</b> <Pyee>	[0..1]	±		1036
	<b>Terminal</b> <Termnl>	[0..1]	±		1036
	<b>Issuer</b> <Issr>	[0..1]	±		1036
	<b>Card</b> <Card>	[1..1]	±		1037
	<b>Wallet</b> <Wllt>	[0..1]	±		1038
	<b>Token</b> <Tkn>	[0..1]	±		1038
	<b>Context</b> <Cntxt>	[0..1]			1039
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1039
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1040
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		1041
	<b>Transaction</b> <Tx>	[0..1]			1042
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1043
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1043
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcfn>	[0..*]	±		1043
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1044
	<b>DisputeData</b> <DsptData>	[0..*]	±		1044
	<b>RetrievalFulfilmentInstructions</b> <RtrvIFlfmtlnstrs>	[0..*]	±		1045
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1045
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1046

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			1046
	<b>Type</b> <Tp>	[0..1]	Text		1046
	<b>Value</b> <Val>	[0..1]	Text		1046
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1047
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1047
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1050
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			1029
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1029
	<b>Originator</b> <Orgtr>	[0..1]	±		1030
	<b>Sender</b> <Sndr>	[0..1]	±		1031
	<b>Receiver</b> <Rcvr>	[0..1]	±		1032
	<b>Acceptor</b> <Acptr>	[0..1]	±		1033
	<b>Destination</b> <Dstn>	[0..1]	±		1035
	<b>Payer</b> <Pyer>	[0..1]	±		1035
	<b>Payee</b> <Pyee>	[0..1]	±		1036
	<b>Terminal</b> <Termnl>	[0..1]	±		1036
	<b>Issuer</b> <Issr>	[0..1]	±		1036
	<b>Card</b> <Card>	[1..1]	±		1037
	<b>Wallet</b> <Wlft>	[0..1]	±		1038
	<b>Token</b> <Tkn>	[0..1]	±		1038
	<b>Context</b> <Cntxt>	[0..1]			1039
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1039
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1040
	<b>SaleContext</b> <SaleCntxt>	[0..1]	±		1041
	<b>Transaction</b> <Tx>	[0..1]			1042
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1043
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1043
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		1043
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		1044
	<b>DisputeData</b> <DsptData>	[0..*]	±		1044
	<b>RetrievalFulfilmentInstructions</b> <RtrvIFlfmtlnstrs>	[0..*]	±		1045
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1045
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1046
	<b>AdditionalData</b> <AddtlData>	[0..*]			1046
	<b>Type</b> <Tp>	[0..1]	Text		1046
	<b>Value</b> <Val>	[0..1]	Text		1046
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1047

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1047
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1029
	<b>Originator</b> <Orgtr>	[0..1]	±		1030
	<b>Sender</b> <Sndr>	[0..1]	±		1031
	<b>Receiver</b> <Rcvr>	[0..1]	±		1032
	<b>Acceptor</b> <Accpt>	[0..1]	±		1033
	<b>Destination</b> <Dstn>	[0..1]	±		1035
	<b>Payer</b> <Pyer>	[0..1]	±		1035
	<b>Payee</b> <Pyee>	[0..1]	±		1036
	<b>Terminal</b> <Termnl>	[0..1]	±		1036
	<b>Issuer</b> <Issr>	[0..1]	±		1036
	<b>Card</b> <Card>	[1..1]	±		1037
	<b>Wallet</b> <Wllt>	[0..1]	±		1038
	<b>Token</b> <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 <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 <CstrmrSvc>	[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 <TermnIId>	[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 <CardPrftlIdr>	[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 <TknInittlnd>	[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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1039
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1040
	<b>SaleContext</b> <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 <UattnddLvICtgy>	[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
	MOTOCCode <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 <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

#### 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
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1043
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1043
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		1043
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1044
	<b>DisputeData</b> <DsptData>	[0..*]	±		1044
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFlfmlnstrs>	[0..*]	±		1045
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1045
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1046
	<b>AdditionalData</b> <AddtlData>	[0..*]			1046
	<b>Type</b> <Tp>	[0..1]	Text		1046
	<b>Value</b> <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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[0..1]	Text		1910
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1910
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1910
	CardIssuerReferenceData <CardlssrRefData>	[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 <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 <EstblshdMtd>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1046
	<b>Value</b> <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 <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

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

#### 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 <KeyPrctn>	[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> <CardMgmtInitt>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		1054
	<b>Body</b> <Body>	[1..1]			1055
	<b>Environment</b> <Envt>	[1..1]			1057
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1057
	<b>Originator</b> <Orgtr>	[0..1]	±		1058
	<b>Sender</b> <Sndr>	[0..1]	±		1059
	<b>Receiver</b> <Rcvr>	[0..1]	±		1060
	<b>Acceptor</b> <Acptr>	[1..1]	±		1061
	<b>Destination</b> <Dstn>	[0..1]	±		1063
	<b>Terminal</b> <Termnl>	[0..1]	±		1063
	<b>Issuer</b> <Issr>	[0..1]	±		1064
	<b>Card</b> <Card>	[0..1]	±		1065
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1065
	<b>Wallet</b> <Wllt>	[0..1]	±		1066
	<b>Token</b> <Tkn>	[0..1]	±		1067
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		1068
	<b>Context</b> <Cntxt>	[1..1]			1069
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		1069
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1071
	<b>Verification</b> <Vrftcn>	[0..*]	±		1073
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		1074
	<b>Transaction</b> <Tx>	[1..1]			1074
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1074
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1075
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1075
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1075
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		1075
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1075
	<b>NewPINData</b> <NewPINData>	[0..1]	±		1076

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	1077
	<b>DetailedAmount</b> <DtldAmt>	[0..*]	±		1077
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		1077
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		1078
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1078
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		1079
	<b>AccountTo</b> <AcctTo>	[0..1]	±		1079
	<b>AdditionalData</b> <AddtlData>	[0..*]			1080
	<b>Type</b> <Tp>	[0..1]	Text		1080
	<b>Value</b> <Val>	[0..1]	Text		1080
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1080
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		1080
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1081
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1084
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			1057
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1057
	<b>Originator</b> <Orgtr>	[0..1]	±		1058
	<b>Sender</b> <Sndr>	[0..1]	±		1059
	<b>Receiver</b> <Rcvr>	[0..1]	±		1060
	<b>Acceptor</b> <Acptr>	[1..1]	±		1061
	<b>Destination</b> <Dstn>	[0..1]	±		1063
	<b>Terminal</b> <Termnl>	[0..1]	±		1063
	<b>Issuer</b> <Issr>	[0..1]	±		1064
	<b>Card</b> <Card>	[0..1]	±		1065
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1065
	<b>Wallet</b> <Wlt>	[0..1]	±		1066
	<b>Token</b> <Tkn>	[0..1]	±		1067
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		1068
	<b>Context</b> <Cntxt>	[1..1]			1069
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		1069
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1071
	<b>Verification</b> <Vrfctn>	[0..*]	±		1073
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		1074
	<b>Transaction</b> <Tx>	[1..1]			1074
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1074
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1075
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1075
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1075
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		1075
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		1075
	<b>NewPINData</b> <NewPINData>	[0..1]	±		1076
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	1077
	<b>DetailedAmount</b> <DtlAmt>	[0..*]	±		1077
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		1077
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		1078

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1078
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		1079
	<b>AccountTo</b> <AcctTo>	[0..1]	±		1079
	<b>AdditionalData</b> <AddtlData>	[0..*]			1080
	<b>Type</b> <Tp>	[0..1]	Text		1080
	<b>Value</b> <Val>	[0..1]	Text		1080
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1080
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		1080
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1081
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1057
	<b>Originator</b> <Orgtr>	[0..1]	±		1058
	<b>Sender</b> <Sndr>	[0..1]	±		1059
	<b>Receiver</b> <Rcvr>	[0..1]	±		1060
	<b>Acceptor</b> <Accptr>	[1..1]	±		1061
	<b>Destination</b> <Dstn>	[0..1]	±		1063
	<b>Terminal</b> <Termnl>	[0..1]	±		1063
	<b>Issuer</b> <Issr>	[0..1]	±		1064
	<b>Card</b> <Card>	[0..1]	±		1065
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1065
	<b>Wallet</b> <Wllt>	[0..1]	±		1066
	<b>Token</b> <Tkn>	[0..1]	±		1067
	<b>Cardholder</b> <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 <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

### 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 <CstrmrSvc>	[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 <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 <CardPrflldr>	[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 <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

#### 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 <Crdhdr>

*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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[1..1]	±		1069
	<b>TransactionContext</b> <TxCntxt>	[1..1]	±		1071
	<b>Verification</b> <Vrfctn>	[0..*]	±		1073
	<b>RiskContext</b> <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 <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
	MOTOCCode <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 <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 <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

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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1074
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1075
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1075
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1075
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		1075
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1075
	<b>NewPINData</b> <NewPINData>	[0..1]	±		1076
	<b>TransactionCurrency</b> <TxCcy>	[0..1]	CodeSet	C3	1077
	<b>DetailedAmount</b> <DtldAmt>	[0..*]	±		1077
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		1077
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		1078
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1078
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		1079
	<b>AccountTo</b> <AcctTo>	[0..1]	±		1079
	<b>AdditionalData</b> <AddtlData>	[0..*]			1080
	<b>Type</b> <Tp>	[0..1]	Text		1080
	<b>Value</b> <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 <LifeCyclTraclDData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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 <KeySetldr>	[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

**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
	<b>Type</b> <Tp>	[0..1]	Text		1080
	<b>Value</b> <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 <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
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 <Othrlld>	[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 <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

### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1088
	<b>Body</b> <Body>	[1..1]			1089
	<b>Environment</b> <Envt>	[1..1]			1091
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1091
	<b>Originator</b> <Orgtr>	[0..1]	±		1092
	<b>Sender</b> <Sndr>	[0..1]	±		1093
	<b>Receiver</b> <Rcvr>	[0..1]	±		1094
	<b>Acceptor</b> <Acptr>	[0..1]	±		1095
	<b>Destination</b> <Dstn>	[0..1]	±		1096
	<b>Terminal</b> <Termnl>	[0..1]	±		1096
	<b>Issuer</b> <Issr>	[0..1]	±		1096
	<b>Card</b> <Card>	[1..1]	±		1097
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1098
	<b>Wallet</b> <Wllt>	[0..1]	±		1099
	<b>Token</b> <Tkn>	[0..1]	±		1100
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		1101
	<b>Context</b> <Cntxt>	[1..1]			1102
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1102
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		1103
	<b>Verification</b> <Vrfctn>	[0..*]	±		1104
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		1105
	<b>Transaction</b> <Tx>	[1..1]			1105
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1105
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1105
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		1106
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		1106
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		1107
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		1107
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1107

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			1108
	<b>Type</b> <Tp>	[0..1]	Text		1108
	<b>Value</b> <Val>	[0..1]	Text		1108
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1108
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		1109
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1109
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1112
	<b>SecurityTrailer</b> <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 <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

## 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
	<b>Environment</b> <Envt>	[1..1]			1091
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1091
	<b>Originator</b> <Orgtr>	[0..1]	±		1092
	<b>Sender</b> <Sndr>	[0..1]	±		1093
	<b>Receiver</b> <Rcvr>	[0..1]	±		1094
	<b>Acceptor</b> <Accptr>	[0..1]	±		1095
	<b>Destination</b> <Dstn>	[0..1]	±		1096
	<b>Terminal</b> <Termnl>	[0..1]	±		1096
	<b>Issuer</b> <Issr>	[0..1]	±		1096
	<b>Card</b> <Card>	[1..1]	±		1097
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		1098
	<b>Wallet</b> <Wlt>	[0..1]	±		1099
	<b>Token</b> <Tkn>	[0..1]	±		1100
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		1101
	<b>Context</b> <Cntxt>	[1..1]			1102
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1102
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		1103
	<b>Verification</b> <Vrfctn>	[0..*]	±		1104
	<b>RiskContext</b> <RskCntxt>	[0..1]	±		1105
	<b>Transaction</b> <Tx>	[1..1]			1105
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1105
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1105
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		1106
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		1106
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		1107
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		1107
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1107
	<b>AdditionalData</b> <AddtlData>	[0..*]			1108
	<b>Type</b> <Tp>	[0..1]	Text		1108
	<b>Value</b> <Val>	[0..1]	Text		1108
	<b>ProcessingResult</b> <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 <Wllt>	[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 <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

### 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 <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

### 36.4.2.1.13 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

### 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
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1102
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		1103
	<b>Verification</b> <Vrfctn>	[0..*]	±		1104
	<b>RiskContext</b> <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 <UattnddLvCtgy>	[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
	MOTOCCode <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 <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

### 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
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		1105
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1105
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		1106
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1106
	<b>ReconciliationAmount</b> <RcncltnAmt>	[0..1]	±		1107
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		1107
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1107
	<b>AdditionalData</b> <AddtlData>	[0..*]			1108
	<b>Type</b> <Tp>	[0..1]	Text		1108
	<b>Value</b> <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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		1108
	<b>Value &lt;Val&gt;</b>	[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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

### 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 <KeyLngth>	[0..1]	Text		1985
	KeyProtection <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1116
	<b>Body</b> <Body>	[0..1]			1117
	<b>Environment</b> <Envt>	[1..1]			1119
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1119
	<b>Originator</b> <Orgtr>	[0..1]	±		1120
	<b>Sender</b> <Sndr>	[0..1]	±		1121
	<b>Receiver</b> <Rcvr>	[0..1]	±		1122
	<b>Acceptor</b> <Acptr>	[0..1]	±		1123
	<b>Destination</b> <Dstn>	[0..1]	±		1125
	<b>Issuer</b> <Issr>	[0..1]	±		1125
	<b>Card</b> <Card>	[0..1]	±		1126
	<b>Token</b> <Tkn>	[0..1]	±		1126
	<b>Context</b> <Cntxt>	[0..1]			1127
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1127
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1128
	<b>Jurisdiction</b> <Jurisdctn>	[0..1]			1128
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1128
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1129
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1129
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1130
	<b>AdditionalData</b> <AddtlData>	[0..*]			1130
	<b>Type</b> <Tp>	[0..1]	Text		1130
	<b>Value</b> <Val>	[0..1]	Text		1130
	<b>Transaction</b> <Tx>	[1..1]			1130
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		1131
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1131
	<b>DataSource</b> <DataSrc>	[0..1]	Text		1131
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1132
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1132

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]			1132
	<b>Type</b> <Tp>	[0..1]	Text		1132
	<b>Value</b> <Val>	[0..1]	Text		1133
	<b>AddendumData</b> <AdddmData>	[1..1]	±		1133
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1133
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1136
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			1119
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1119
	<b>Originator</b> <Orgtr>	[0..1]	±		1120
	<b>Sender</b> <Sndr>	[0..1]	±		1121
	<b>Receiver</b> <Rcvr>	[0..1]	±		1122
	<b>Acceptor</b> <Acceptr>	[0..1]	±		1123
	<b>Destination</b> <Dstn>	[0..1]	±		1125
	<b>Issuer</b> <Issr>	[0..1]	±		1125
	<b>Card</b> <Card>	[0..1]	±		1126
	<b>Token</b> <Tkn>	[0..1]	±		1126
	<b>Context</b> <Cntxt>	[0..1]			1127
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1127
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1128
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1128
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1128
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1129
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1129
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1130
	<b>AdditionalData</b> <AddtlData>	[0..*]			1130
	<b>Type</b> <Tp>	[0..1]	Text		1130
	<b>Value</b> <Val>	[0..1]	Text		1130
	<b>Transaction</b> <Tx>	[1..1]			1130
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		1131
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1131
	<b>DataSource</b> <DataSrc>	[0..1]	Text		1131
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1132
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1132
	<b>AdditionalData</b> <AddtlData>	[0..*]			1132
	<b>Type</b> <Tp>	[0..1]	Text		1132
	<b>Value</b> <Val>	[0..1]	Text		1133
	<b>AddendumData</b> <AdddmData>	[1..1]	±		1133

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1133
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1136

### 37.4.2.1 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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1119
	<b>Originator</b> <Orgtr>	[0..1]	±		1120
	<b>Sender</b> <Sndr>	[0..1]	±		1121
	<b>Receiver</b> <Rcvr>	[0..1]	±		1122
	<b>Acceptor</b> <Accptr>	[0..1]	±		1123
	<b>Destination</b> <Dstn>	[0..1]	±		1125
	<b>Issuer</b> <Issr>	[0..1]	±		1125
	<b>Card</b> <Card>	[0..1]	±		1126
	<b>Token</b> <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 <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 <CstrmrSvc>	[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 <SpnsrdMrcht>	[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 <CardPrftlldr>	[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 <TknInittdInd>	[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 <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 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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1128
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1128
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1128
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1129
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1129
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1130
	<b>AdditionalData</b> <AddtlData>	[0..*]			1130
	<b>Type</b> <Tp>	[0..1]	Text		1130
	<b>Value</b> <Val>	[0..1]	Text		1130

#### 37.4.2.2.1.1 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

#### 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1128
	<b>DomesticQualification</b> <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 <DmstQlfctn>

*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
	<b>Type</b> <Tp>	[0..1]	Text		1130
	<b>Value</b> <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
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		1131
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1131
	<b>DataSource</b> <DataSrc>	[0..1]	Text		1131
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1132
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1132
	<b>AdditionalData</b> <AddtlData>	[0..*]			1132
	<b>Type</b> <Tp>	[0..1]	Text		1132
	<b>Value</b> <Val>	[0..1]	Text		1133

#### 37.4.2.3.1 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

#### 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 <LifeCyclTraclData>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1132
	<b>Value</b> <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 <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 <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

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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1140
	<b>Body</b> <Body>	[1..1]			1141
	<b>Environment</b> <Envt>	[1..1]			1143
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1143
	<b>Originator</b> <Orgtr>	[0..1]	±		1144
	<b>Sender</b> <Sndr>	[0..1]	±		1145
	<b>Receiver</b> <Rcvr>	[0..1]	±		1146
	<b>Acceptor</b> <Accptr>	[0..1]	±		1147
	<b>Destination</b> <Dstn>	[0..1]	±		1149
	<b>Issuer</b> <Issr>	[0..1]	±		1149
	<b>Card</b> <Card>	[0..1]	±		1150
	<b>Token</b> <Tkn>	[0..1]	±		1150
	<b>Context</b> <Cntxt>	[0..1]			1151
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1151
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1152
	<b>Jurisdiction</b> <Jurisdctn>	[0..1]			1152
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1152
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1153
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1153
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1154
	<b>AdditionalData</b> <AddtlData>	[0..*]			1154
	<b>Type</b> <Tp>	[0..1]	Text		1154
	<b>Value</b> <Val>	[0..1]	Text		1154
	<b>Transaction</b> <Tx>	[1..1]			1154
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		1155
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1155
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1155
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1156
	<b>AdditionalData</b> <AddtlData>	[0..*]			1156

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		1156
	<b>Value</b> <Val>	[0..1]	Text		1156
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1157
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1157
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1160
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			1143
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1143
	<b>Originator</b> <Orgtr>	[0..1]	±		1144
	<b>Sender</b> <Sndr>	[0..1]	±		1145
	<b>Receiver</b> <Rcvr>	[0..1]	±		1146
	<b>Acceptor</b> <Acptr>	[0..1]	±		1147
	<b>Destination</b> <Dstn>	[0..1]	±		1149
	<b>Issuer</b> <Issr>	[0..1]	±		1149
	<b>Card</b> <Card>	[0..1]	±		1150
	<b>Token</b> <Tkn>	[0..1]	±		1150
	<b>Context</b> <Cntxt>	[0..1]			1151
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1151
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1152
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1152
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1152
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1153
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1153
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1154
	<b>AdditionalData</b> <AddtlData>	[0..*]			1154
	<b>Type</b> <Tp>	[0..1]	Text		1154
	<b>Value</b> <Val>	[0..1]	Text		1154
	<b>Transaction</b> <Tx>	[1..1]			1154
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		1155
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1155
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1155
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1156
	<b>AdditionalData</b> <AddtlData>	[0..*]			1156
	<b>Type</b> <Tp>	[0..1]	Text		1156
	<b>Value</b> <Val>	[0..1]	Text		1156
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1157
	<b>ProtectedData</b> <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 <CstrmrSvc>	[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 <SpnsrdMrcht>	[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 <CardPrftlldr>	[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 <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

### 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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1152
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1152
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1152
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1153
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1153
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1154
	<b>AdditionalData</b> <AddtlData>	[0..*]			1154
	<b>Type</b> <Tp>	[0..1]	Text		1154
	<b>Value</b> <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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1152
	<b>DomesticQualification</b> <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 <DmstQlfctn>

*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
	<b>Type</b> <Tp>	[0..1]	Text		1154
	<b>Value</b> <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
	<b>AssociatedDataReference</b> <AssoctdDataRef>	[0..1]	Text		1155
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1155
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1155
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1156
	<b>AdditionalData</b> <AddtlData>	[0..*]			1156
	<b>Type</b> <Tp>	[0..1]	Text		1156
	<b>Value</b> <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
	<b>Type</b> <Tp>	[0..1]	Text		1156
	<b>Value</b> <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 <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
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 <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

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

### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1164
	<b>Body</b> <Body>	[1..1]			1165
	<b>Environment</b> <Envt>	[1..1]			1167
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1167
	<b>Originator</b> <Orgtr>	[0..1]	±		1168
	<b>Sender</b> <Sndr>	[0..1]	±		1169
	<b>Receiver</b> <Rcvr>	[0..1]	±		1170
	<b>Acceptor</b> <Acptr>	[0..1]	±		1171
	<b>Destination</b> <Dstn>	[0..1]	±		1173
	<b>Payer</b> <Pyer>	[0..1]	±		1173
	<b>Payee</b> <Pyee>	[0..1]	±		1174
	<b>Terminal</b> <Termnl>	[0..1]	±		1174
	<b>Issuer</b> <Issr>	[0..1]	±		1174
	<b>Card</b> <Card>	[1..1]	±		1175
	<b>Wallet</b> <Wllt>	[0..1]	±		1176
	<b>Token</b> <Tkn>	[0..1]	±		1176
	<b>Context</b> <Cntxt>	[0..1]			1177
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1177
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		1178
	<b>Transaction</b> <Tx>	[1..1]			1179
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1180
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1180
	<b>TransactionIdentification</b> <Txld>	[1..1]	±		1180
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		1181
	<b>DisputeData</b> <DsptData>	[1..1]	±		1181
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1182
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		1182
	<b>AdditionalData</b> <AddtlData>	[0..*]			1183
	<b>Type</b> <Tp>	[0..1]	Text		1183

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Value</b> <Val>	[0..1]	Text		1183
	<b>OriginalTransaction</b> <OrgnTx>	[1..1]			1183
	<b>Environment</b> <Envnt>	[0..1]	±		1184
	<b>Context</b> <Cntxt>	[0..1]	±		1185
	<b>Transaction</b> <Tx>	[0..1]	±		1186
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1187
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]			1188
	<b>ResultData</b> <RsltData>	[0..1]	±		1188
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		1189
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1189
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1192
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			1167
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1167
	<b>Originator</b> <Orgtr>	[0..1]	±		1168
	<b>Sender</b> <Sndr>	[0..1]	±		1169
	<b>Receiver</b> <Rcvr>	[0..1]	±		1170
	<b>Acceptor</b> <Acptr>	[0..1]	±		1171
	<b>Destination</b> <Dstn>	[0..1]	±		1173
	<b>Payer</b> <Pyer>	[0..1]	±		1173
	<b>Payee</b> <Pye>	[0..1]	±		1174
	<b>Terminal</b> <Termnl>	[0..1]	±		1174
	<b>Issuer</b> <Issr>	[0..1]	±		1174
	<b>Card</b> <Card>	[1..1]	±		1175
	<b>Wallet</b> <Wlt>	[0..1]	±		1176
	<b>Token</b> <Tkn>	[0..1]	±		1176
	<b>Context</b> <Cntxt>	[0..1]			1177
	<b>PointOfServiceContext</b> <PtOfSvcCntxt>	[0..1]	±		1177
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		1178
	<b>Transaction</b> <Tx>	[1..1]			1179
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1180
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1180
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1180
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		1181
	<b>DisputeData</b> <DsptData>	[1..1]	±		1181
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1182
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		1182
	<b>AdditionalData</b> <AddtlData>	[0..*]			1183
	<b>Type</b> <Tp>	[0..1]	Text		1183
	<b>Value</b> <Val>	[0..1]	Text		1183
	<b>OriginalTransaction</b> <OrgnlTx>	[1..1]			1183
	<b>Environment</b> <Envt>	[0..1]	±		1184
	<b>Context</b> <Cntxt>	[0..1]	±		1185

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Transaction</b> <Tx>	[0..1]	±		1186
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1187
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]			1188
	<b>ResultData</b> <RsltData>	[0..1]	±		1188
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		1189
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1189
	<b>SupplementaryData</b> <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
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1167
	<b>Originator</b> <Orgtr>	[0..1]	±		1168
	<b>Sender</b> <Sndr>	[0..1]	±		1169
	<b>Receiver</b> <Rcvr>	[0..1]	±		1170
	<b>Acceptor</b> <Accptr>	[0..1]	±		1171
	<b>Destination</b> <Dstn>	[0..1]	±		1173
	<b>Payer</b> <Pyer>	[0..1]	±		1173
	<b>Payee</b> <Pyee>	[0..1]	±		1174
	<b>Terminal</b> <Termnl>	[0..1]	±		1174
	<b>Issuer</b> <Issr>	[0..1]	±		1174
	<b>Card</b> <Card>	[1..1]	±		1175
	<b>Wallet</b> <Wllt>	[0..1]	±		1176
	<b>Token</b> <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 <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 <CstrmrSvc>	[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 <TermnIId>	[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 <CardPrftlIdr>	[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 <TknInittdInd>	[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 <UattnddLvIctgy>	[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
	MOTOCCode <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
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1180
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1180
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1180
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		1181
	<b>DisputeData</b> <DsptData>	[1..1]	±		1181
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1182
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		1182
	<b>AdditionalData</b> <AddtlData>	[0..*]			1183
	<b>Type</b> <Tp>	[0..1]	Text		1183
	<b>Value</b> <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 <LifeCyclTraclDData>	[0..1]	±		1912
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1183
	<b>Value</b> <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
	<b>Environment</b> <Envt>	[0..1]	±		1184
	<b>Context</b> <Cntxt>	[0..1]	±		1185
	<b>Transaction</b> <Tx>	[0..1]	±		1186
	<b>ProcessingResult</b> <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 <Termnllid>	[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 <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 <DataElmntInErr>	[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

### 39.4.2.5 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Result of the chargeback verification provided in the chargeback status.

**ProcessingResult <PrcgRslt>** contains the following **ProcessingResult21** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ResultData</b> <RsltData>	[0..1]	±		1188
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		1189

#### 39.4.2.5.1 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

#### 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 <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

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

### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1196
	<b>Body</b> <Body>	[1..1]			1196
	<b>Environment</b> <Envt>	[1..1]			1197
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1198
	<b>Originator</b> <Orgtr>	[0..1]	±		1199
	<b>Sender</b> <Sndr>	[0..1]	±		1200
	<b>Receiver</b> <Rcvr>	[0..1]	±		1201
	<b>Acceptor</b> <Acptr>	[0..1]	±		1202
	<b>Destination</b> <Dstn>	[0..1]	±		1203
	<b>Terminal</b> <Termnl>	[0..1]	±		1204
	<b>Issuer</b> <Issr>	[0..1]	±		1204
	<b>Card</b> <Card>	[1..1]	±		1205
	<b>Token</b> <Tkn>	[0..1]	±		1206
	<b>Context</b> <Cntxt>	[1..1]			1206
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		1206
	<b>Transaction</b> <Tx>	[1..1]			1207
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1208
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1208
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1208
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		1209
	<b>DisputeData</b> <DsptData>	[1..1]	±		1209
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1210
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		1210
	<b>AdditionalData</b> <AddtlData>	[0..*]			1211
	<b>Type</b> <Tp>	[0..1]	Text		1211
	<b>Value</b> <Val>	[0..1]	Text		1211
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1211
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1212
	<b>SupplementaryData</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			1197
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1198
	<b>Originator</b> <Orgtr>	[0..1]	±		1199
	<b>Sender</b> <Sndr>	[0..1]	±		1200
	<b>Receiver</b> <Rcvr>	[0..1]	±		1201
	<b>Acceptor</b> <Acptr>	[0..1]	±		1202
	<b>Destination</b> <Dstn>	[0..1]	±		1203
	<b>Terminal</b> <Termnl>	[0..1]	±		1204
	<b>Issuer</b> <Issr>	[0..1]	±		1204
	<b>Card</b> <Card>	[1..1]	±		1205
	<b>Token</b> <Tkn>	[0..1]	±		1206
	<b>Context</b> <Cntxt>	[1..1]			1206
	<b>TransactionContext</b> <TxCntxt>	[0..1]	±		1206
	<b>Transaction</b> <Tx>	[1..1]			1207
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1208
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1208
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1208
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		1209
	<b>DisputeData</b> <DsptData>	[1..1]	±		1209
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1210
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		1210
	<b>AdditionalData</b> <AddtlData>	[0..*]			1211
	<b>Type</b> <Tp>	[0..1]	Text		1211
	<b>Value</b> <Val>	[0..1]	Text		1211
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1211
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1212
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1215

#### 40.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the chargeback.

**Environment <Envnt>** contains the following **Environment29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Acquirer</b> <Acqrr>	[1..1]	±		1198
	<b>Originator</b> <Orgtr>	[0..1]	±		1199
	<b>Sender</b> <Sndr>	[0..1]	±		1200
	<b>Receiver</b> <Rcvr>	[0..1]	±		1201
	<b>Acceptor</b> <Accptr>	[0..1]	±		1202
	<b>Destination</b> <Dstn>	[0..1]	±		1203
	<b>Terminal</b> <Termnl>	[0..1]	±		1204
	<b>Issuer</b> <Issr>	[0..1]	±		1204
	<b>Card</b> <Card>	[1..1]	±		1205
	<b>Token</b> <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 <Acptr>

*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 <TknInittlInd>	[0..1]	Indicator		2100
	StorageLocation <StorgLctn>	[0..1]	CodeSet		2100
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		2100
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		2101
	OtherProtectionMethod <OthrPrtcnMtd>	[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 <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

#### 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
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1208
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1208
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1208
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		1209
	<b>DisputeData</b> <DsptData>	[1..1]	±		1209
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1210
	<b>AdditionalInformation</b> <AddtlInf>	[0..1]	±		1210
	<b>AdditionalData</b> <AddtlData>	[0..*]			1211
	<b>Type</b> <Tp>	[0..1]	Text		1211
	<b>Value</b> <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 <LifeCyclTraclDData>	[0..1]	±		1912
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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 <FeePrgrm>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1211
	<b>Value</b> <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 <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
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 <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

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 <KeyPrctn>	[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> <NtwkMgmtInitn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		1219
	<b>Body</b> <Body>	[1..1]			1219
	<b>Context</b> <Cntxt>	[0..1]			1220
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1221
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1221
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1222
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1222
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1222
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1222
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1223
	<b>AdditionalData</b> <AddtlData>	[0..*]			1223
	<b>Type</b> <Tp>	[0..1]	Text		1224
	<b>Value</b> <Val>	[0..1]	Text		1224
	<b>Transaction</b> <Tx>	[1..1]			1224
	<b>NetworkManagementType</b> <NtwkMgmtTp>	[0..1]	CodeSet		1224
	<b>OtherNetworkManagementType</b> <OthrNtwkMgmtTp>	[0..1]	Text		1225
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1225
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1226
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1226
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		1226
	<b>MaximumNumberOfMessages</b> <MaxNbOfMsgs>	[0..1]	Quantity		1226
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1226
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1227
	<b>AdditionalData</b> <AddtlData>	[0..*]			1227
	<b>Type</b> <Tp>	[0..1]	Text		1227
	<b>Value</b> <Val>	[0..1]	Text		1227
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1228
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1228
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Context</b> <Cntxt>	[0..1]			1220
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1221
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1221
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1222
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1222
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1222
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1222
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1223
	<b>AdditionalData</b> <AddtlData>	[0..*]			1223
	<b>Type</b> <Tp>	[0..1]	Text		1224
	<b>Value</b> <Val>	[0..1]	Text		1224
	<b>Transaction</b> <Tx>	[1..1]			1224
	<b>NetworkManagementType</b> <NtwkMgmtTp>	[0..1]	CodeSet		1224
	<b>OtherNetworkManagementType</b> <OthrNtwkMgmtTp>	[0..1]	Text		1225
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1225
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1226
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1226
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		1226
	<b>MaximumNumberOfMessages</b> <MaxNbOfMsgs>	[0..1]	Quantity		1226
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1226
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1227
	<b>AdditionalData</b> <AddtlData>	[0..*]			1227
	<b>Type</b> <Tp>	[0..1]	Text		1227
	<b>Value</b> <Val>	[0..1]	Text		1227
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1228
	<b>SupplementaryData</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1221
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1221
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1222
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1222
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1222
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1222
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1223
	<b>AdditionalData</b> <AddtlData>	[0..*]			1223
	<b>Type</b> <Tp>	[0..1]	Text		1224
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1221
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1222
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1222
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1222
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1222
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1223
	<b>AdditionalData</b> <AddtlData>	[0..*]			1223
	<b>Type</b> <Tp>	[0..1]	Text		1224
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1222
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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
	<b>Type</b> <Tp>	[0..1]	Text		1224
	<b>Value</b> <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
	<b>NetworkManagementType</b> <NtwkMgmtTp>	[0..1]	CodeSet		1224
	<b>OtherNetworkManagementType</b> <OthrNtwkMgmtTp>	[0..1]	Text		1225
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1225
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1226
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1226
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		1226
	<b>MaximumNumberOfMessages</b> <MaxNbOfMsgs>	[0..1]	Quantity		1226
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1226
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1227
	<b>AdditionalData</b> <AddtlData>	[0..*]			1227
	<b>Type</b> <Tp>	[0..1]	Text		1227
	<b>Value</b> <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 <LifeCyclTraclDData>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1227
	<b>Value</b> <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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1232
	<b>Body</b> <Body>	[1..1]			1232
	<b>Context</b> <Cntxt>	[0..1]			1233
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1234
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1234
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1235
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1235
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1235
	<b>SettlementService</b> <StlmSvc>	[0..1]	±		1235
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1236
	<b>AdditionalData</b> <AddtlData>	[0..*]			1236
	<b>Type</b> <Tp>	[0..1]	Text		1237
	<b>Value</b> <Val>	[0..1]	Text		1237
	<b>Transaction</b> <Tx>	[1..1]			1237
	<b>NetworkManagementType</b> <NtwkMgmtTp>	[0..1]	CodeSet		1237
	<b>OtherNetworkManagementType</b> <OthrNtwkMgmtTp>	[0..1]	Text		1238
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1238
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1239
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1239
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		1239
	<b>MaximumNumberOfMessages</b> <MaxNbOfMsgs>	[0..1]	Quantity		1239
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1239
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1240
	<b>AdditionalData</b> <AddtlData>	[0..*]			1240
	<b>Type</b> <Tp>	[0..1]	Text		1240
	<b>Value</b> <Val>	[0..1]	Text		1240
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1241
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1241
	<b>SecurityTrailer</b> <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 <Xchgld>	[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

### 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
	<b>Context</b> <Cntxt>	[0..1]			1233
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1234
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1234
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1235
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1235
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		1235
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1235
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1236
	<b>AdditionalData</b> <AddtlData>	[0..*]			1236
	<b>Type</b> <Tp>	[0..1]	Text		1237
	<b>Value</b> <Val>	[0..1]	Text		1237
	<b>Transaction</b> <Tx>	[1..1]			1237
	<b>NetworkManagementType</b> <NtwkMgmtTp>	[0..1]	CodeSet		1237
	<b>OtherNetworkManagementType</b> <OthrNtwkMgmtTp>	[0..1]	Text		1238
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1238
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1239
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1239
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		1239
	<b>MaximumNumberOfMessages</b> <MaxNbOfMsgs>	[0..1]	Quantity		1239
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1239
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1240
	<b>AdditionalData</b> <AddtlData>	[0..*]			1240
	<b>Type</b> <Tp>	[0..1]	Text		1240
	<b>Value</b> <Val>	[0..1]	Text		1240
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1241
	<b>SupplementaryData</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1234
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1234
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1235
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1235
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1235
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1235
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1236
	<b>AdditionalData</b> <AddtlData>	[0..*]			1236
	<b>Type</b> <Tp>	[0..1]	Text		1237
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1234
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1235
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1235
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1235
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1235
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1236
	<b>AdditionalData</b> <AddtlData>	[0..*]			1236
	<b>Type</b> <Tp>	[0..1]	Text		1237
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1235
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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 <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
	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
	<b>Type</b> <Tp>	[0..1]	Text		1237
	<b>Value</b> <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
	<b>NetworkManagementType</b> <NtwkMgmtTp>	[0..1]	CodeSet		1237
	<b>OtherNetworkManagementType</b> <OthrNtwkMgmtTp>	[0..1]	Text		1238
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1238
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1239
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1239
	<b>NumberOfMessages</b> <NbOfMsgs>	[0..1]	Quantity		1239
	<b>MaximumNumberOfMessages</b> <MaxNbOfMsgs>	[0..1]	Quantity		1239
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1239
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1240
	<b>AdditionalData</b> <AddtlData>	[0..*]			1240
	<b>Type</b> <Tp>	[0..1]	Text		1240
	<b>Value</b> <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 <LifeCyclTraclDData>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1240
	<b>Value</b> <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> <KeyXchgInitt>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		1245
	<b>Body</b> <Body>	[1..1]			1246
	<b>Context</b> <Cntxt>	[0..1]			1248
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1248
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1249
	<b>Jurisdiction</b> <Jurisdctn>	[0..1]			1249
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1249
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1250
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1250
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1250
	<b>AdditionalData</b> <AddtlData>	[0..*]			1251
	<b>Type</b> <Tp>	[0..1]	Text		1251
	<b>Value</b> <Val>	[0..1]	Text		1251
	<b>Transaction</b> <Tx>	[1..1]			1251
	<b>KeyExchangeFunction</b> <KeyXchgFctn>	[1..1]	CodeSet		1252
	<b>OtherKeyExchangeFunction</b> <OthrKeyXchgFctn>	[0..1]	Text		1253
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1253
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1253
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1253
	<b>KeyExchangeType</b> <KeyXchgTp>	[0..1]	CodeSet		1253
	<b>OtherKeyExchangeType</b> <OthrKeyXchgTp>	[0..1]	Text		1254
	<b>KeyExchangeData</b> <KeyXchgData>	[0..1]			1254
	<b>Control</b> <Ctrl>	[0..1]	Text		1254
	<b>KeySetIdentifier</b> <KeySetldr>	[0..1]	Text		1255
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1255
	<b>Algorithm</b> <Algo>	[0..1]	Text		1255
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1255
	<b>KeyProtection</b> <KeyPrtcn>	[0..1]	Text		1255
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1256

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1256
	<b>KeyChecksumValue</b> <KeyChcksmVal>	[0..1]	Text		1256
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1256
	<b>AdditionalData</b> <AddtlData>	[0..*]			1257
	<b>Type</b> <Tp>	[0..1]	Text		1257
	<b>Value</b> <Val>	[0..1]	Text		1257
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1257
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1260
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Context</b> <Cntxt>	[0..1]			1248
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1248
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1249
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1249
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1249
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1250
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1250
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1250
	<b>AdditionalData</b> <AddtlData>	[0..*]			1251
	<b>Type</b> <Tp>	[0..1]	Text		1251
	<b>Value</b> <Val>	[0..1]	Text		1251
	<b>Transaction</b> <Tx>	[1..1]			1251
	<b>KeyExchangeFunction</b> <KeyXchgFctn>	[1..1]	CodeSet		1252
	<b>OtherKeyExchangeFunction</b> <OthrKeyXchgFctn>	[0..1]	Text		1253
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1253
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1253
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1253
	<b>KeyExchangeType</b> <KeyXchgTp>	[0..1]	CodeSet		1253
	<b>OtherKeyExchangeType</b> <OthrKeyXchgTp>	[0..1]	Text		1254
	<b>KeyExchangeData</b> <KeyXchgData>	[0..1]			1254
	<b>Control</b> <Ctrl>	[0..1]	Text		1254
	<b>KeySetIdentifier</b> <KeySetIdr>	[0..1]	Text		1255
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1255
	<b>Algorithm</b> <Algo>	[0..1]	Text		1255
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1255
	<b>KeyProtection</b> <KeyPrctn>	[0..1]	Text		1255
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1256
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1256
	<b>KeyChecksumValue</b> <KeyChcksmVal>	[0..1]	Text		1256
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1256
	<b>AdditionalData</b> <AddtlData>	[0..*]			1257

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		1257
	<b>Value</b> <Val>	[0..1]	Text		1257
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1257
	<b>SupplementaryData</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1248
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1249
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1249
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1249
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1250
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1250
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1250
	<b>AdditionalData</b> <AddtlData>	[0..*]			1251
	<b>Type</b> <Tp>	[0..1]	Text		1251
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1249
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1249
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1249
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1250
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1250
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1250
	<b>AdditionalData</b> <AddtlData>	[0..*]			1251
	<b>Type</b> <Tp>	[0..1]	Text		1251
	<b>Value</b> <Val>	[0..1]	Text		1251

#### 43.4.2.1.1.1 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

#### 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1249
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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
	<b>Type</b> <Tp>	[0..1]	Text		1251
	<b>Value</b> <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
	<b>KeyExchangeFunction</b> <KeyXchgFctn>	[1..1]	CodeSet		1252
	<b>OtherKeyExchangeFunction</b> <OthrKeyXchgFctn>	[0..1]	Text		1253
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1253
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1253
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1253
	<b>KeyExchangeType</b> <KeyXchgTp>	[0..1]	CodeSet		1253
	<b>OtherKeyExchangeType</b> <OthrKeyXchgTp>	[0..1]	Text		1254
	<b>KeyExchangeData</b> <KeyXchgData>	[0..1]			1254
	<b>Control</b> <Ctrl>	[0..1]	Text		1254
	<b>KeySetIdentifier</b> <KeySetIdr>	[0..1]	Text		1255
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1255
	<b>Algorithm</b> <Algo>	[0..1]	Text		1255
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1255
	<b>KeyProtection</b> <KeyPrtcn>	[0..1]	Text		1255
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1256
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1256
	<b>KeyChecksumValue</b> <KeyChcksmVal>	[0..1]	Text		1256
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1256
	<b>AdditionalData</b> <AddtlData>	[0..*]			1257
	<b>Type</b> <Tp>	[0..1]	Text		1257
	<b>Value</b> <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
	<b>Control</b> <Ctrl>	[0..1]	Text		1254
	<b>KeySetIdentifier</b> <KeySetIdr>	[0..1]	Text		1255
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1255
	<b>Algorithm</b> <Algo>	[0..1]	Text		1255
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1255
	<b>KeyProtection</b> <KeyPrctn>	[0..1]	Text		1255
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1256
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1256
	<b>KeyChecksumValue</b> <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 <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

#### **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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		1257
	<b>Value &lt;Val&gt;</b>	[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 <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
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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1264
	<b>Body</b> <Body>	[1..1]			1265
	<b>Context</b> <Cntxt>	[0..1]			1267
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1267
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1268
	<b>Jurisdiction</b> <Jurisdctn>	[0..1]			1268
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1268
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1269
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1269
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1269
	<b>AdditionalData</b> <AddtlData>	[0..*]			1270
	<b>Type</b> <Tp>	[0..1]	Text		1270
	<b>Value</b> <Val>	[0..1]	Text		1270
	<b>Transaction</b> <Tx>	[1..1]			1270
	<b>KeyExchangeFunction</b> <KeyXchgFctn>	[1..1]	CodeSet		1271
	<b>OtherKeyExchangeFunction</b> <OthrKeyXchgFctn>	[0..1]	Text		1272
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1272
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1272
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1272
	<b>KeyExchangeType</b> <KeyXchgTp>	[0..1]	CodeSet		1272
	<b>OtherKeyExchangeType</b> <OthrKeyXchgTp>	[0..1]	Text		1273
	<b>KeyExchangeData</b> <KeyXchgData>	[0..1]			1273
	<b>Control</b> <Ctrl>	[0..1]	Text		1273
	<b>KeySetIdentifier</b> <KeySetldr>	[0..1]	Text		1274
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1274
	<b>Algorithm</b> <Algo>	[0..1]	Text		1274
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1274
	<b>KeyProtection</b> <KeyPrtcn>	[0..1]	Text		1274
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1275

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1275
	<b>KeyChecksumValue</b> <KeyChcksmVal>	[0..1]	Text		1275
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1275
	<b>AdditionalData</b> <AddtlData>	[0..*]			1276
	<b>Type</b> <Tp>	[0..1]	Text		1276
	<b>Value</b> <Val>	[0..1]	Text		1276
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1276
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1277
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1280
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Context</b> <Cntxt>	[0..1]			1267
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1267
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1268
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1268
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1268
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1269
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1269
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1269
	<b>AdditionalData</b> <AddtlData>	[0..*]			1270
	<b>Type</b> <Tp>	[0..1]	Text		1270
	<b>Value</b> <Val>	[0..1]	Text		1270
	<b>Transaction</b> <Tx>	[1..1]			1270
	<b>KeyExchangeFunction</b> <KeyXchgFctn>	[1..1]	CodeSet		1271
	<b>OtherKeyExchangeFunction</b> <OthrKeyXchgFctn>	[0..1]	Text		1272
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1272
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1272
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1272
	<b>KeyExchangeType</b> <KeyXchgTp>	[0..1]	CodeSet		1272
	<b>OtherKeyExchangeType</b> <OthrKeyXchgTp>	[0..1]	Text		1273
	<b>KeyExchangeData</b> <KeyXchgData>	[0..1]			1273
	<b>Control</b> <Ctrl>	[0..1]	Text		1273
	<b>KeySetIdentifier</b> <KeySetIdr>	[0..1]	Text		1274
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1274
	<b>Algorithm</b> <Algo>	[0..1]	Text		1274
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1274
	<b>KeyProtection</b> <KeyPrctn>	[0..1]	Text		1274
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1275
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1275
	<b>KeyChecksumValue</b> <KeyChcksmVal>	[0..1]	Text		1275
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1275
	<b>AdditionalData</b> <AddtlData>	[0..*]			1276

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		1276
	<b>Value</b> <Val>	[0..1]	Text		1276
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1276
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1277
	<b>SupplementaryData</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1267
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1268
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1268
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1268
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1269
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1269
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1269
	<b>AdditionalData</b> <AddtlData>	[0..*]			1270
	<b>Type</b> <Tp>	[0..1]	Text		1270
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1268
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1268
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1268
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1269
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1269
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1269
	<b>AdditionalData</b> <AddtlData>	[0..*]			1270
	<b>Type</b> <Tp>	[0..1]	Text		1270
	<b>Value</b> <Val>	[0..1]	Text		1270

#### 44.4.2.1.1.1 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

#### 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1268
	<b>DomesticQualification</b> <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 <DmstQlfctn>**

*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
	<b>Type</b> <Tp>	[0..1]	Text		1270
	<b>Value</b> <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
	<b>KeyExchangeFunction</b> <KeyXchgFctn>	[1..1]	CodeSet		1271
	<b>OtherKeyExchangeFunction</b> <OthrKeyXchgFctn>	[0..1]	Text		1272
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1272
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1272
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1272
	<b>KeyExchangeType</b> <KeyXchgTp>	[0..1]	CodeSet		1272
	<b>OtherKeyExchangeType</b> <OthrKeyXchgTp>	[0..1]	Text		1273
	<b>KeyExchangeData</b> <KeyXchgData>	[0..1]			1273
	<b>Control</b> <Ctrl>	[0..1]	Text		1273
	<b>KeySetIdentifier</b> <KeySetIdr>	[0..1]	Text		1274
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1274
	<b>Algorithm</b> <Algo>	[0..1]	Text		1274
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1274
	<b>KeyProtection</b> <KeyPrtcn>	[0..1]	Text		1274
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1275
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1275
	<b>KeyChecksumValue</b> <KeyChcksmVal>	[0..1]	Text		1275
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1275
	<b>AdditionalData</b> <AddtlData>	[0..*]			1276
	<b>Type</b> <Tp>	[0..1]	Text		1276
	<b>Value</b> <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
	<b>Control</b> <Ctrl>	[0..1]	Text		1273
	<b>KeySetIdentifier</b> <KeySetIdr>	[0..1]	Text		1274
	<b>DerivedInformation</b> <DrvdInf>	[0..1]	Text		1274
	<b>Algorithm</b> <Algo>	[0..1]	Text		1274
	<b>KeyLength</b> <KeyLngth>	[0..1]	Text		1274
	<b>KeyProtection</b> <KeyPrctn>	[0..1]	Text		1274
	<b>KeyIndex</b> <KeyIndx>	[0..1]	Text		1275
	<b>EncryptedData</b> <NcrptdData>	[0..1]	Text		1275
	<b>KeyChecksumValue</b> <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 <KeyPrtcn>**

*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 <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

#### **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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		1276
	<b>Value &lt;Val&gt;</b>	[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 <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

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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1285
	<b>Body</b> <Body>	[1..1]			1285
	<b>Environment</b> <Envt>	[1..1]			1287
	<b>SettlementInstitution</b> <SttlmInstn>	[0..1]	±		1288
	<b>Originator</b> <Orgtr>	[0..1]	±		1289
	<b>Sender</b> <Sndr>	[0..1]	±		1290
	<b>Receiver</b> <Rcvr>	[0..1]	±		1291
	<b>Destination</b> <Dstn>	[0..1]	±		1292
	<b>FinancialInstitution</b> <FI>	[0..1]			1293
	<b>Identification</b> <Id>	[1..1]	±		1293
	<b>AccountNumber</b> <AcctNb>	[0..1]	Text		1294
	<b>OtherInstitution</b> <OthrInstn>	[0..1]	±		1294
	<b>Context</b> <Cntxt>	[0..1]			1295
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1296
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1296
	<b>Jurisdiction</b> <Jurisdctn>	[0..1]			1297
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1297
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1297
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1297
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1298
	<b>AdditionalData</b> <AddtlData>	[0..*]			1298
	<b>Type</b> <Tp>	[0..1]	Text		1299
	<b>Value</b> <Val>	[0..1]	Text		1299
	<b>Transaction</b> <Tx>	[1..1]			1299
	<b>SettlementReportType</b> <SttlmRptTp>	[1..1]	CodeSet		1301
	<b>OtherSettlementReportType</b> <OthrSttlmRptTp>	[0..1]	Text		1301
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1301
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1301
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1301

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1302
	<b>SettlementTotals</b> <SttlmTtls>	[0..1]			1302
	<b>AcquirerTotals</b> <AcqrrTtls>	[0..1]			1303
	<b>Count</b> <Cnt>	[0..1]	Quantity		1304
	<b>Amount</b> <Amt>	[1..1]	±		1304
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1304
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1304
	<b>IssuerTotals</b> <IssrTtls>	[0..1]			1304
	<b>Count</b> <Cnt>	[0..1]	Quantity		1305
	<b>Amount</b> <Amt>	[1..1]	±		1305
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1305
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1305
	<b>OtherTotals</b> <OthrTtls>	[0..1]			1306
	<b>Count</b> <Cnt>	[0..1]	Quantity		1306
	<b>Amount</b> <Amt>	[1..1]	±		1306
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1306
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1307
	<b>TotalSettlementAmount</b> <TtlSttlmAmt>	[0..1]			1307
	<b>Count</b> <Cnt>	[0..1]	Quantity		1307
	<b>Amount</b> <Amt>	[1..1]	±		1307
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1308
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1308
	<b>FundsTransferAmount</b> <FndsTrfAmt>	[0..1]	±		1308
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1309
	<b>AdditionalData</b> <AddtlData>	[0..*]			1309
	<b>Type</b> <Tp>	[0..1]	Text		1309
	<b>Value</b> <Val>	[0..1]	Text		1309
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1309
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1312
	<b>SecurityTrailer</b> <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 <MsgFctr>	[1..1]	CodeSet		1733
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1733
	ExchangeIdentification <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			1287
	<b>SettlementInstitution</b> <StlmInstn>	[0..1]	±		1288
	<b>Originator</b> <Orgtr>	[0..1]	±		1289
	<b>Sender</b> <Sndr>	[0..1]	±		1290
	<b>Receiver</b> <Rcvr>	[0..1]	±		1291
	<b>Destination</b> <Dstn>	[0..1]	±		1292
	<b>FinancialInstitution</b> <FI>	[0..1]			1293
	<b>Identification</b> <Id>	[1..1]	±		1293
	<b>AccountNumber</b> <AcctNb>	[0..1]	Text		1294
	<b>OtherInstitution</b> <OthrInstn>	[0..1]	±		1294
	<b>Context</b> <Cntxt>	[0..1]			1295
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1296
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1296
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1297
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1297
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1297
	<b>SettlementService</b> <StlmSvc>	[0..1]	±		1297
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1298
	<b>AdditionalData</b> <AddtlData>	[0..*]			1298
	<b>Type</b> <Tp>	[0..1]	Text		1299
	<b>Value</b> <Val>	[0..1]	Text		1299
	<b>Transaction</b> <Tx>	[1..1]			1299
	<b>SettlementReportType</b> <StlmRptTp>	[1..1]	CodeSet		1301
	<b>OtherSettlementReportType</b> <OthrStlmRptTp>	[0..1]	Text		1301
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1301
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1301
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1301
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1302
	<b>SettlementTotals</b> <StlmTtls>	[0..1]			1302
	<b>AcquirerTotals</b> <AcqrrTtls>	[0..1]			1303
	<b>Count</b> <Cnt>	[0..1]	Quantity		1304

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	±		1304
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1304
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1304
	<b>IssuerTotals</b> <IssrTtls>	[0..1]			1304
	<b>Count</b> <Cnt>	[0..1]	Quantity		1305
	<b>Amount</b> <Amt>	[1..1]	±		1305
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1305
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1305
	<b>OtherTotals</b> <OthrTtls>	[0..1]			1306
	<b>Count</b> <Cnt>	[0..1]	Quantity		1306
	<b>Amount</b> <Amt>	[1..1]	±		1306
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1306
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1307
	<b>TotalSettlementAmount</b> <TtlSttlmAmt>	[0..1]			1307
	<b>Count</b> <Cnt>	[0..1]	Quantity		1307
	<b>Amount</b> <Amt>	[1..1]	±		1307
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1308
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1308
	<b>FundsTransferAmount</b> <FndsTrfAmt>	[0..1]	±		1308
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1309
	<b>AdditionalData</b> <AddtlData>	[0..*]			1309
	<b>Type</b> <Tp>	[0..1]	Text		1309
	<b>Value</b> <Val>	[0..1]	Text		1309
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1309
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1312

#### 45.4.2.1 Environment <Envt>

*Presence:* [1..1]

*Definition:* Environment of the transaction.

**Environment <Envnt>** contains the following **Environment27** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SettlementInstitution</b> <SttlmInstn>	[0..1]	±		1288
	<b>Originator</b> <Orgtr>	[0..1]	±		1289
	<b>Sender</b> <Sndr>	[0..1]	±		1290
	<b>Receiver</b> <Rcvr>	[0..1]	±		1291
	<b>Destination</b> <Dstn>	[0..1]	±		1292
	<b>FinancialInstitution</b> <FI>	[0..1]			1293
	<b>Identification</b> <Id>	[1..1]	±		1293
	<b>AccountNumber</b> <AcctNb>	[0..1]	Text		1294
	<b>OtherInstitution</b> <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
	<b>Identification</b> <Id>	[1..1]	±		1293
	<b>AccountNumber</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1296
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1296
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1297
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1297
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1297
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1297
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1298
	<b>AdditionalData</b> <AddtlData>	[0..*]			1298
	<b>Type</b> <Tp>	[0..1]	Text		1299
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1296
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1297
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1297
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1297
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1297
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1298
	<b>AdditionalData</b> <AddtlData>	[0..*]			1298
	<b>Type</b> <Tp>	[0..1]	Text		1299
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1297
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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 <AddtIData>** contains the following **AdditionalData1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[0..1]	Text		1299
	<b>Value</b> <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
	<b>SettlementReportType</b> <SttlmRptTp>	[1..1]	CodeSet		1301
	<b>OtherSettlementReportType</b> <OthrSttlmRptTp>	[0..1]	Text		1301
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1301
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1301
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1301
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1302
	<b>SettlementTotals</b> <SttlmTtls>	[0..1]			1302
	<b>AcquirerTotals</b> <AcqrrTtls>	[0..1]			1303
	<b>Count</b> <Cnt>	[0..1]	Quantity		1304
	<b>Amount</b> <Amt>	[1..1]	±		1304
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1304
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1304
	<b>IssuerTotals</b> <IssrTtls>	[0..1]			1304
	<b>Count</b> <Cnt>	[0..1]	Quantity		1305
	<b>Amount</b> <Amt>	[1..1]	±		1305
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1305
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1305
	<b>OtherTotals</b> <OthrTtls>	[0..1]			1306
	<b>Count</b> <Cnt>	[0..1]	Quantity		1306
	<b>Amount</b> <Amt>	[1..1]	±		1306
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1306
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1307
	<b>TotalSettlementAmount</b> <TtlSttlmAmt>	[0..1]			1307
	<b>Count</b> <Cnt>	[0..1]	Quantity		1307
	<b>Amount</b> <Amt>	[1..1]	±		1307
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1308
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1308
	<b>FundsTransferAmount</b> <FndsTrfAmt>	[0..1]	±		1308
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1309
	<b>AdditionalData</b> <AddtlData>	[0..*]			1309
	<b>Type</b> <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
	<b>AcquirerTotals &lt;AcqrrTtls&gt;</b>	[0..1]			1303
	<b>Count &lt;Cnt&gt;</b>	[0..1]	Quantity		1304
	<b>Amount &lt;Amt&gt;</b>	[1..1]	±		1304
	<b>InterchangeFee &lt;IntrchnngFee&gt;</b>	[0..1]	±		1304
	<b>ProcessingFee &lt;PrcgFee&gt;</b>	[0..1]	±		1304
	<b>IssuerTotals &lt;IssrTtls&gt;</b>	[0..1]			1304
	<b>Count &lt;Cnt&gt;</b>	[0..1]	Quantity		1305
	<b>Amount &lt;Amt&gt;</b>	[1..1]	±		1305
	<b>InterchangeFee &lt;IntrchnngFee&gt;</b>	[0..1]	±		1305
	<b>ProcessingFee &lt;PrcgFee&gt;</b>	[0..1]	±		1305
	<b>OtherTotals &lt;OthrTtls&gt;</b>	[0..1]			1306
	<b>Count &lt;Cnt&gt;</b>	[0..1]	Quantity		1306
	<b>Amount &lt;Amt&gt;</b>	[1..1]	±		1306
	<b>InterchangeFee &lt;IntrchnngFee&gt;</b>	[0..1]	±		1306
	<b>ProcessingFee &lt;PrcgFee&gt;</b>	[0..1]	±		1307
	<b>TotalSettlementAmount &lt;TtlSttlmAmt&gt;</b>	[0..1]			1307
	<b>Count &lt;Cnt&gt;</b>	[0..1]	Quantity		1307
	<b>Amount &lt;Amt&gt;</b>	[1..1]	±		1307
	<b>InterchangeFee &lt;IntrchnngFee&gt;</b>	[0..1]	±		1308
	<b>ProcessingFee &lt;PrcgFee&gt;</b>	[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
	<b>Count &lt;Cnt&gt;</b>	[0..1]	Quantity		1304
	<b>Amount &lt;Amt&gt;</b>	[1..1]	±		1304
	<b>InterchangeFee &lt;IntrchnngFee&gt;</b>	[0..1]	±		1304
	<b>ProcessingFee &lt;PrcgFee&gt;</b>	[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
	<b>Count</b> <Cnt>	[0..1]	Quantity		1305
	<b>Amount</b> <Amt>	[1..1]	±		1305
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1305
	<b>ProcessingFee</b> <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
	<b>Count</b> <Cnt>	[0..1]	Quantity		1306
	<b>Amount</b> <Amt>	[1..1]	±		1306
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1306
	<b>ProcessingFee</b> <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 <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

#### 45.4.2.3.7.3.4 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
	<b>Count</b> <Cnt>	[0..1]	Quantity		1307
	<b>Amount</b> <Amt>	[1..1]	±		1307
	<b>InterchangeFee</b> <IntrchnngFee>	[0..1]	±		1308
	<b>ProcessingFee</b> <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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		1309
	<b>Value &lt;Val&gt;</b>	[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 <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
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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

#### 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 <KeyPrctn>	[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]			
	<b>Header</b> <Hdr>	[1..1]	±		1316
	<b>Body</b> <Body>	[1..1]			1317
	<b>Environment</b> <Envt>	[1..1]			1319
	<b>SettlementInstitution</b> <SttlmInstn>	[0..1]	±		1319
	<b>Originator</b> <Orgtr>	[0..1]	±		1320
	<b>Sender</b> <Sndr>	[0..1]	±		1321
	<b>Receiver</b> <Rcvr>	[0..1]	±		1322
	<b>Destination</b> <Dstn>	[0..1]	±		1323
	<b>FinancialInstitution</b> <FI>	[0..1]			1324
	<b>Identification</b> <Id>	[1..1]	±		1324
	<b>AccountNumber</b> <AcctNb>	[0..1]	Text		1325
	<b>OtherInstitution</b> <OthrInstn>	[0..1]	±		1325
	<b>Context</b> <Cntxt>	[0..1]			1326
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1327
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1327
	<b>Jurisdiction</b> <Jurisdctn>	[0..1]			1328
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1328
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1328
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1328
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1329
	<b>AdditionalData</b> <AddtlData>	[0..*]			1329
	<b>Type</b> <Tp>	[0..1]	Text		1330
	<b>Value</b> <Val>	[0..1]	Text		1330
	<b>Transaction</b> <Tx>	[1..1]			1330
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1330
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1331
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1331
	<b>AdditionalData</b> <AddtlData>	[0..*]			1331
	<b>Type</b> <Tp>	[0..1]	Text		1332

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Value</b> <Val>	[0..1]	Text		1332
	<b>ProcessingResult</b> <PrpgRslt>	[1..1]	±		1332
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1332
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1335
	<b>SecurityTrailer</b> <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 <Xchgld>	[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
	<b>Environment</b> <Envt>	[1..1]			1319
	<b>SettlementInstitution</b> <SttlmInstn>	[0..1]	±		1319
	<b>Originator</b> <Orgtr>	[0..1]	±		1320
	<b>Sender</b> <Sndr>	[0..1]	±		1321
	<b>Receiver</b> <Rcvr>	[0..1]	±		1322
	<b>Destination</b> <Dstn>	[0..1]	±		1323
	<b>FinancialInstitution</b> <FI>	[0..1]			1324
	<b>Identification</b> <Id>	[1..1]	±		1324
	<b>AccountNumber</b> <AcctNb>	[0..1]	Text		1325
	<b>OtherInstitution</b> <OthrInstn>	[0..1]	±		1325
	<b>Context</b> <Cntxt>	[0..1]			1326
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1327
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1327
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1328
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1328
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1328
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1328
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1329
	<b>AdditionalData</b> <AddtlData>	[0..*]			1329
	<b>Type</b> <Tp>	[0..1]	Text		1330
	<b>Value</b> <Val>	[0..1]	Text		1330
	<b>Transaction</b> <Tx>	[1..1]			1330
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		1330
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1331
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1331
	<b>AdditionalData</b> <AddtlData>	[0..*]			1331
	<b>Type</b> <Tp>	[0..1]	Text		1332
	<b>Value</b> <Val>	[0..1]	Text		1332
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1332
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1332
	<b>SupplementaryData</b> <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
	<b>SettlementInstitution</b> <SttlmInstn>	[0..1]	±		1319
	<b>Originator</b> <Orgtr>	[0..1]	±		1320
	<b>Sender</b> <Sndr>	[0..1]	±		1321
	<b>Receiver</b> <Rcvr>	[0..1]	±		1322
	<b>Destination</b> <Dstn>	[0..1]	±		1323
	<b>FinancialInstitution</b> <Fl>	[0..1]			1324
	<b>Identification</b> <Id>	[1..1]	±		1324
	<b>AccountNumber</b> <AcctNb>	[0..1]	Text		1325
	<b>OtherInstitution</b> <OthrlInstn>	[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
	<b>Identification</b> <Id>	[1..1]	±		1324
	<b>AccountNumber</b> <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
	<b>TransactionContext</b> <TxCntxt>	[0..1]			1327
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1327
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1328
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1328
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1328
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1328
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1329
	<b>AdditionalData</b> <AddtlData>	[0..*]			1329
	<b>Type</b> <Tp>	[0..1]	Text		1330
	<b>Value</b> <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
	<b>CardProgrammeApplied</b> <CardPrgrmmApld>	[0..1]	±		1327
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1328
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1328
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1328
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1328
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1329
	<b>AdditionalData</b> <AddtlData>	[0..*]			1329
	<b>Type</b> <Tp>	[0..1]	Text		1330
	<b>Value</b> <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 <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 <AddtllId>	[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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1328
	<b>DomesticQualification</b> <DmstQlfctn>	[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 <DmstQlfctn>

*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
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		1330
	<b>Value &lt;Val&gt;</b>	[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
	<b>TransactionIdentification &lt;TxId&gt;</b>	[1..1]	±		1330
	<b>AdditionalFee &lt;AddtlFee&gt;</b>	[0..*]	±		1331
	<b>TransactionDescription &lt;TxDesc&gt;</b>	[0..1]	Text		1331
	<b>AdditionalData &lt;AddtlData&gt;</b>	[0..*]			1331
	<b>Type &lt;Tp&gt;</b>	[0..1]	Text		1332
	<b>Value &lt;Val&gt;</b>	[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
	<b>Type</b> <Tp>	[0..1]	Text		1332
	<b>Value</b> <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 <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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	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

#### 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 <KeyPrctn>	[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 <WlltAcctAge>

*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 <WlltAcctEmailAge>

*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 <WlltPrvdrRskAssmnt>

*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 <WlItPrvdrRskAssmntMdlVrsn>**

*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 <WlItPrvdrPhneScore>**

*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 <WlItPrvdrDvcScore>**

*Presence:* [0..1]

*Definition:* A value to determine trust level of the device.

*Datatype:* "Max5PositiveNumber" on page 2198

**47.1.1.1.18 WalletProviderAccountScore <WlItPrvdrAcctScore>**

*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 <InclnTtlInd>	[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 <CstmrNtfndInd>	[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 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 <CstmrNtfdInd>

*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 <CrhdldrBllgAmt>	[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.
RESD	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 <CrhdldrBlgAmt>	[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.
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.

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 <CrhdldrCcyInd>

*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 <StmDt>	[0..1]	Date		1372
	StatementTime <StmTm>	[0..1]	Time		1372
	AccountStatement <AcctStm>	[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 <CrdhdrBlgAmt>	[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 <StmDt>

*Presence:* [0..1]

*Definition:* Date the statement is generated.

*Datatype:* "ISODate" on page 2196

#### 47.1.5.2.2 StatementTime <StmTm>

*Presence:* [0..1]

*Definition:* Time the account statement is generated.

*Datatype:* "ISOTime" on page 2211

#### 47.1.5.2.3 AccountStatement <AcctStm>

*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 <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 <CrdhldrBillgAmt>	[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 <PdgInd>**

*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 <CrdhldrBlgAmt>***Presence:* [0..1]*Definition:* Cardholder billing amount of the transaction.**CardholderBillingAmount <CrdhldrBlgAmt>** 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 <AcctrNmAndLctn>

*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 <Dstrn>	[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 <IntrchnngFee>	[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 <IntrchnngFee>	[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 <Dstrn>

*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 <IntrchnngFee>

*Presence:* [0..1]

*Definition:* Interchange reimbursement fee.

**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

#### 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 <IntrchnngFee>	[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 <IntrchnngFee>**

*Presence:* [0..1]

*Definition:* Interchange fee.

**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

**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 <CardPrflldr>	[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** <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 <AddtIId>	[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 <AddtIId>	[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 <AddtIId>

*Presence:* [0..\*]

*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		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 <CardPrtlldr>	[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 <PrctcdPANInd>

*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 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 <CardPrftlldr>

*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 <PrctcdPANInd>	[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

#### 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 <PrctcdPANInd>

*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 <PrctcdPANInd>	[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 <PrctcdPANInd>

*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 <PrctcdPANInd>	[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 <CardPrftlldr>	[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 <PrctcdPANInd>

*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 <CardPrftflldr>

*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 <CardPrtlldr>	[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 <PrctcdPANInd>**

*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 <CardPrftflldr>

*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 <GoodAndSvcDlvryChanI>	[0..1]	CodeSet		1404
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanI>	[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 <RctDstrn>	[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 <BllgStmtPrdStart>	[0..1]	Date		1413
	BillingStatementPeriodEnd <BllgStmtPrdEnd>	[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 <BllgStmtPrdStart>

*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 <BllgStmtPrdEnd>

*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 <BlgEvt>** 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 <OrdrDt>	[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 <ZeroCostToCstmrlnd>	[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 <OrdrDt>**

*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 <UnitOfMear>**

*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 <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

**47.1.8.7.18 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
	Lineltm <Lineltm>	[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 <SummryCmmdtyld>	[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 <AddtIPdctCd>

*Presence:* [0..1]

*Definition:* Additional code related to the product.

*Datatype:* "Max70Text" on page 2209

#### 47.1.8.9.5 AdditionalProductCodeType <AddtIPdctCdTp>

*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 <UnitOfMear>

*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 <AllwldtmInd>	[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 <BllgStmtPrdStart>	[0..1]	Date		1413
	BillingStatementPeriodEnd <BllgStmtPrdEnd>	[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 <Prvc>	[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
	MaintenancIdentification <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 <Blngld>	[0..1]	Text		1471
	ControlNumber <CtrlNb>	[0..1]	Text		1471
	DeliveryTicketNumber <DlvryTcktNb>	[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 <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

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 <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 <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 <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 <WorkOrdr>	[0..1]	Text		1471
	InvoiceNumber <InvcNb>	[0..1]	Text		1471
	BillingIdentification <Blngld>	[0..1]	Text		1471
	ControlNumber <CtrlNb>	[0..1]	Text		1471
	DeliveryTicketNumber <DlvryTcktNb>	[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 <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

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
	Maintenanceldentification <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

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 <VhclldNb>**

*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 <RpIcmtVhclInd>

*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 <BtryVltg>	[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 <NgnTtIdleTm>**

*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 <NgnTtITm>**

*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 <BtryVltg>**

*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 <Triplnf>

*Presence:* [0..1]

*Definition:* Contains the details related to an individual trip.

**TripInformation <Triplnf>** 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 <Billgld>	[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 <WorkOrdr>**

*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 <Billgld>**

*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	TwentyFourHourAvailablity	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 <InclnTtlInd>	[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 <PrgrmmlsSr>

*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 <RntIRtr>

*Presence:* [0..1]

*Definition:* Details of the vehicle at the end of the rental period.

**RentalReturn <RntIRtr>** 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
	CorporatIdentifier <Corpldr>	[1..1]	Text		1492
	Assigner <Assgnr>	[0..1]	CodeSet		1492
	PrimaryDriver <PmryDrvr>	[0..*]	±		1493
	AdditionalDriver <AddtlDrvr>	[0..*]	±		1494
	LoyaltyProgramme <LltyPrgrmm>	[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 CorporatIdentifier <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 <DrvrCrndtl>

*Presence:* [0..\*]

*Definition:* Credential used by the driver for identification.

**DriverCredential <DrvrCrndtl>** 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 <TrvIPackg>** 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 <TrvIPackgTp>	[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 <MplyeId>	[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 <InclnTtlInd>	[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 <Dprture>	[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 <Dprtur>	[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 <SummryCmmdtyld>	[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 <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

#### 47.1.8.27.3 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
	Lineltm <Lineltm>	[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 <InvCreDtTm>	[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 Lineltem <Lineltm>**

*Presence:* [0..\*]

*Definition:* Line item information.

**LinItem <LinItem>** contains the following elements (see "InvoiceLinItem2" 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 <MedicalSvcsInd>	[0..1]	Indicator		1419
	ShipToIndustryCode <ShipToIndustryCd>	[0..1]	Text		1419
	ProductCode <ProductCd>	[0..1]	Text		1419
	ProductQualifier <ProductQlfr>	[0..1]	Text		1420
	Description <Desc>	[0..1]	Text		1420
	TypeOfSupply <TypeOfSupply>	[0..1]	Text		1420
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1420
	OtherUnitOfMeasure <OtherUnitOfMeasr>	[0..1]	Text		1422
	UnitPrice <UnitPric>	[0..1]	Amount		1422
	ProductQuantity <ProductQty>	[0..1]	Quantity		1422
	Adjustment <Adjustmnt>	[0..1]			1422
	Amount <Amt>	[1..1]	Amount		1422
	CreditDebit <CreditDbt>	[0..1]	CodeSet		1422
	Reason <Rsn>	[0..1]	Text		1423
	InsuranceIndicator <InsuranceInd>	[0..1]	Indicator		1423
	InsuranceAmount <InsuranceAmt>	[0..1]	Amount		1423
	Tax <Tax>	[0..*]	±		1423
	UniqueVATInvoiceReference <UniqueVATInvRef>	[0..1]	Text		1423
	TotalAmount <TotalAmt>	[0..1]	Amount		1424
	CreditDebit <CreditDbt>	[0..1]	CodeSet		1424
	ZeroCostToCustomerIndicator <ZeroCostToCstmrInd>	[0..1]	Indicator		1424
	AdditionalData <AdditionalData>	[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 <FrghtAmt>	[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 <TaxRegnld>	[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 <InvcCreDtTm>

*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 <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 <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 <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

#### **47.1.8.31.3 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 <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

#### **47.1.8.31.5 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 <SttlmRptgNnty>	[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 <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

#### 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 <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

#### 47.1.8.32.3 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 <TxIntr>

*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 <CardPgrmmApld>

*Presence:* [0..1]

*Definition:* Card programme or brand related to the transaction.

ISO 8583:87 bit 24

**CardProgrammeApplied <CardPgrmmApld>** 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 <Jurisdctn>

*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 <SummryCmmntyld>	[0..1]	Text		1554
	InsuranceIndicator <InsrncInd>	[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 <VhclCllsPrvdd>** contains the following elements (see "[Vehicle4](#)" on page 1673 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Class <Clls>	[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 <LltyPrgrmm>	[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 <VhclClssDtls>	[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

#### 47.1.8.34.5 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 <SummryCmmdtyld>	[0..1]	Text		1554
	InsuranceIndicator <InsrncInd>	[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 <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 <InsrncInd>	[0..1]	Indicator		1566
	AdditionalAmount <AddtlAmt>	[0..*]	±		1567
	EstimatedTax <EstmtTax>	[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 <VhclCllsDtIs>** contains the following elements (see "[Vehicle4](#)" on page 1673 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Class <Clls>	[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 <RntlDtIs>

*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 <RntIld>	[0..1]	Text		1480
	RentalDateTime <RntIDtTm>	[0..1]	DateTime		1480
	RentalStart <RntIStart>	[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 <RntIRtr>	[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 <DscntPgrmm>

*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 <Rslt>

*Presence:* [0..1]

*Definition:* Result from performing the identified service.

*Datatype:* "AdditionalServiceResult1Code" on page 2119

CodeName	Name	Definition
NOFP	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 <SummryCmmdtyld>	[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 <InclnTtlInd>	[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 <DfrrdInstlmtInd>	[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 <DfrrdInstlmtInd>	[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 <CstrmrSelctdGracePrd>	[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 <AddtIData>** 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 <Crier>	[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

#### 47.1.8.41.1 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 <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

**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 <TcktlsseDt>**

*Presence:* [0..1]

*Definition:* Date the ticket was issued.

*Datatype:* "ISODate" on page 2196

**47.1.8.41.2.4 TicketIssueLocation <TcktlsseLctn>**

*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 <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

#### 47.1.8.41.18 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 <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

#### 47.1.8.41.22 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 <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 <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 <TcktIssr>

*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 <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

#### 47.1.8.42.13 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 <Prgmld>	[0..1]	Text		1681
	ParticipantIdentification <Ptcptld>	[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 <InvcNb>	[0..1]	Text		1602
	InvoiceCreationDateTime <InvcCreDtTm>	[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 <SummryCmmdtyld>	[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 <InvcNb>

*Presence:* [0..1]

*Definition:* Contains the invoice number.

*Datatype:* "Max70Text" on page 2209

#### 47.1.8.43.2 InvoiceCreationDateTime <InvcCreDtTm>

*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 <InclnTtlInd>	[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 <InsrncInd>	[0..1]	Indicator		1609
	InsuranceAmount <InsrncAmt>	[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 <UnitOfMear>	[0..1]	CodeSet		1606
	OtherUnitOfMeasure <OthrUnitOfMear>	[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 <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

#### **47.1.8.44.8 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 <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

#### 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 <AddtlAcptrData>**

*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 <TcktIssr>	[0..1]	Text		1596
	OpenTicketIndicator <OpnTcktInd>	[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 <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 <LltyPrgrmm>	[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 <Carrier>	[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 <SummryCmmdtyld>	[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 <Vhclld>	[0..1]	Text		1623
	DriverIdentification <Drvrld>	[0..1]	Text		1623
	DriverTaxIdentification <DrvrTaxld>	[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 <Vhclld>	[0..1]	Text		1623
	DriverIdentification <Drvrld>	[0..1]	Text		1623
	DriverTaxIdentification <DrvrTaxld>	[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 <Vhclld>

*Presence:* [0..1]

*Definition:* Contains the identifier assigned to the vehicle.

*Datatype:* "Max35Text" on page 2207

#### 47.1.8.47.5 DriverIdentification <Drvrld>

*Presence:* [0..1]

*Definition:* Contains the identifier assigned to the driver.

*Datatype:* "Max35Text" on page 2207

#### 47.1.8.47.6 DriverTaxIdentification <DrvrTaxld>

*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 <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
	MOTOCCode <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 <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 <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 <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

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

#### 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 <RctDstrn>	[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 <SttlmRptgNnty>	[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 <ApldInd>	[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 <ApldInd>	[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 <ApldInd>

*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 <AssoctdDataRef>	[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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsgng>	[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 <FeeRcnclnAmt>	[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 <Termnld>	[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 <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 <Acptr>** 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 <Termnlld>	[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 <Termnlld>***Presence:* [0..1]*Definition:* Identification of the terminal performing the transaction.**TerminalIdentification <Termnlld>** 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 <Cpblties>**

*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 <ApprvICdLngh>	[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 <Termnllntgtn>**

*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 <Id>	[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 <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

#### 47.1.8.51.11 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 <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

#### 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 <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

#### 47.1.8.51.15 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

#### 47.1.8.52 Vehicle4

*Definition:* Attributes of vehicle.

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

##### 47.1.8.52.1 Class <Clss>

*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 <NblnPty>

*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 <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

#### 47.1.8.53.9 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 <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

#### 47.1.8.56.3 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 <Prgmld>	[0..1]	Text		1681
	ParticipantIdentification <Ptcptld>	[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 <ManfctrMdIld>	[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 <ManfctrMdlId>

*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 <ManfctrMdIId>	[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 <DvcNmNrmIzd>	[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 <Dsptld>	[1..*]			1692
	Type <Tp>	[0..1]	Text		1693
	Identification <Id>	[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 <Dsptld>

*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 <SubmitrCaseRef>	[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 <SubmitrCaseRef>	[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 <CmprmsdCrdbl>

*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 Exchangeldentification <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 <Actv>

*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 <SctyAccsMdl>

*Presence:* [0..1]

*Definition:* Number of security access modules (SAM).

*Datatype:* ["Number" on page 2198](#)

#### 47.1.14.5.5.4 SubscriberIdentityModules <SbcbrldntyMdl>

*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 <ReTrnsmssnCntnr>	[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
	TraceDateTimeln <TracDtTmln>	[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 <Xchgld>	[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 <Xchgld>

*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
	TraceDateTimeln <TracDtTmln>	[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 <Xchgld>	[0..1]	Text		1737
	ReTransmissionCounter <ReTrnsmssnCntnr>	[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 <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmission of the message. Incremented by one for each retransmission.

*Datatype:* "Max3NumericText" on page 2207

#### 47.1.14.8.5 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
	TraceDateTimeln <TracDtTmln>	[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 <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmission of the message. Incremented by one for each retransmission.

*Datatype:* ["Max3NumericText" on page 2207](#)

#### 47.1.14.9.5 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
	TraceDateTimeln <TracDtTmln>	[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 <Xchgld>	[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

#### 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 <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmission of the message. Incremented by one for each retransmission.

*Datatype:* "Max3NumericText" on page 2207

#### 47.1.14.10.5 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
	TraceDateTimeln <TracDtTmln>	[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 <Xchgld>	[0..1]	Text		1746
	ReTransmissionCounter <ReTrnsmssnCntn>	[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 <ReTrnsmssnCnt>

*Presence:* [0..1]

*Definition:* Number of retransmission of the message. Incremented by one for each retransmission.

*Datatype:* "Max3NumericText" on page 2207

#### 47.1.14.11.5 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
	TraceDateTimeln <TracDtTmln>	[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 <Xchgld>	[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

#### 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
	TraceDateTimeln <TracDtTmln>	[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 <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

#### 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 <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmission of the message. Incremented by one for each retransmission.

*Datatype:* "Max3NumericText" on page 2207

#### 47.1.14.13.5 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 <ReTrnsmssnCntr>

*Presence:* [0..1]

*Definition:* Number of retransmission of the message. Incremented by one for each retransmission.

*Datatype:* "Max3NumericText" on page 2207

#### 47.1.14.14.5 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
	TraceDateTimeln <TracDtTmln>	[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 <DivryInf>

*Presence:* [0..1]

*Definition:* Information related to a retrieval fulfilment.

**DeliveryInformation <DivryInf>** 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 <HghValCstmrInd>

*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 <RlayId>	[1..1]	±		1774
	TraceDateTimeln <TracDtTmln>	[0..1]	DateTime		1775
	TraceDateTimeOut <TracDtTmOut>	[0..1]	DateTime		1775

#### 47.1.15.1.1 RelayIdentification <RlayId>

*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 <AddtIData>	[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 <FrgnMrchnt>	[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 <FrgnMrchnt>

*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 <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		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 <FrgnMrchnt>	[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 <GeogLctn>

*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 <AddtlAdrInf>	[0..1]	Text		1798
	AdditionalData <AddtlData>	[0..*]			1798
	Type <Tp>	[0..1]	Text		1798
	Value <Val>	[0..1]	Text		1798

**47.1.16.7.8.1 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 <AddtIld>

*Presence:* [0..1]

*Definition:* Additional identification assigned to the party.

**AdditionalIdentification <AddtIld>** 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 <AddtIId>** 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 <GeogLctn>

*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 <GeogLctn>	[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 <GeogLctn>	[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 <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

### 47.1.17.5 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 <Mplyeeld>

*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 <PrfssnlLv>

*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 <KeySetldr>	[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

#### 47.1.18.1.1 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 <KeySetldr>

*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 <KeyPrctn>

*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 <MddINm>	[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.
MON	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 <CtrySubDvsnMjrNm>	[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 <CtrySubDvsnMjrNm>**

*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 <Crdntls>

*Presence:* [0..\*]

*Definition:* Credentials of the financial customer.

**Credentials <Crdntls>** 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 <VIPInd>	[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 <OthrCpbly>

*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 <Cpbly>	[1..1]	CodeSet		1858
	OtherCapability <OthrCpbly>	[0..1]	Text		1859

#### 47.1.19.2.1 Capability <Cpbly>

*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 <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 <PrtlAprvlSprtd>	[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 <QRCDPresmntMd>	[0..1]	CodeSet		1868
	OtherQRCodePresentmentMode <OthrQRCDPresmntMd>	[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 <TrnspndrInittd>**

*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 <AttnddInd>**

*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 <UattnddLvlCtgy>**

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended terminal.

*Datatype:* ["Max35NumericText"](#) on page 2207

#### **47.1.19.6.7 ECommerceIndicator <EComrInd>**

*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 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

##### 47.1.19.6.10 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.
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

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	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.

#### 47.1.19.6.16 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 <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

#### 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 <TrnspndrInittd>**

*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 <AttnddInd>**

*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 <UattnddLvlCtgy>**

*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 <PrtlApprvISpprtd>**

*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.
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

**47.1.19.7.14 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 <PrtlAprvlSprtd>	[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 <QRCDPresmntMd>	[0..1]	CodeSet		1884
	OtherQRCodePresentmentMode <OthrQRCDPresmntMd>	[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

#### 47.1.19.8.1 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 <TrnspndrInittd>**

*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 <AttnddInd>**

*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 <UattnddLvlCtgy>**

*Presence:* [0..1]

*Definition:* Transaction category level on an unattended terminal.

*Datatype:* "[Max35NumericText](#)" on page 2207

#### **47.1.19.8.7 ECommerceIndicator <EComrInd>**

*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.
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

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 <TermnIld>	[1..1]	±		1886
	Type <Tp>	[0..1]	CodeSet		1886
	OtherType <OthrTp>	[0..1]	Text		1887
	Capabilities <Cpblties>	[0..1]	±		1887
	TerminalIntegration <TermnIntgtn>	[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 <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

#### 47.1.19.9.2 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 <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 <PINNtryScyChrtc>	[0..1]	CodeSet		1892
	OtherPINEntrySecurityCharacteristic <OthrPINNtryScyChrtc>	[0..1]	Text		1892
	ApprovalCodeLength <AprvlCdLngh>	[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

#### 47.1.19.9.5 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 <SriNb>	[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 <CrdhldrVrfctnCpblty>	[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 <PINLngthCpblty>

*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 <CrdhldrVrftcnCpblty>

*Presence:* [0..\*]

*Definition:* Cardholder verification capabilities performing the transaction at the point of service.

**CardholderVerificationCapability <CrdhldrVrftcnCpblty>** 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
FECR	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
FRR1	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 <LifeCyclTraceIdMssng>**

*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 <RtrvIRefNb>	[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 <RtrvIRefNb>

*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 LifeCycleTracelIdentificationData <LifeCyclTracIdData>**

*Presence:* [0..1]

*Definition:* Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

**LifeCycleTracelIdentificationData <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 <OrgnIDataElmts>**

*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

### 47.1.22.3 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 <LifeCyclTraclDData>	[0..1]	±		1909
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsg>	[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 <LifeCyclTraclDData>	[0..1]	±		1912
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsg>	[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 <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

#### 47.1.22.4.6 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 <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 <LifeCyclTraclDData>	[0..1]	±		1915
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDMsg>	[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 <LclDt>

*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 <LclTm>

*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 <MsgCls>	[0..1]	CodeSet		1918
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1919
	TransactionType <TxTp>	[0..1]	CodeSet		1919
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1919
	SenderIdIdentification <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 <LifeCyclTraclDMsgng>	[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 <MsgCls>

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 <Acqrrld>

*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 <Sndrld>

*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 <RtrvIRefNb>

*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 <LifeCyclTraclData>	[0..1]	±		1923
	LifeCycleTraceIdentificationMissing <LifeCyclTraclDmssng>	[0..1]	Text		1924
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1924
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1924
	CardIssuerReferenceData <CardlssrRefData>	[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 <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

#### 47.1.22.7.6 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 <RtrvIRefNb>

*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 <LifeCyclTraclDMsgng>	[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
	LifeCycleTracelDentificationData <LifeCyclTracldData>	[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 LifeCycleTracelDentificationData <LifeCyclTracldData>

*Presence:* [0..1]

*Definition:* Unique global identification structure used to match transactions throughout their lifecycle.

ISO 8583:2003 bit 21

**LifeCycleTracelDentificationData <LifeCyclTracldData>** 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 <CImCrntls>	[0..1]	Text		1928
	Assigner <Assgnr>	[0..1]	Text		1928

#### 47.1.23.1.1 ClaimCredentials <CImCrntls>

*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 <ClmCrndtls>	[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 <RcmmnddActn>**

*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 <Rcptld>	[1..1]			1945
{Or	IssuerAndSerialNumber <IssrAndSrINb>	[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 <SrINb>	[1..1]	Binary		1947
Or}	KeyIdentifier <Keyldr>	[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 <Keyldr>	[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 <IssrAndSriNb>	[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 <SriNb>	[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 <IssrAndSriNb>	[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 <SriNb>	[1..1]	Binary		1947
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1947

**47.1.25.2.1.2.1 IssuerAndSerialNumber <IssrAndSriNb>**

*Presence:* [1..1]

*Definition:* Certificate issuer name and serial number (see ITU X.509).

**IssuerAndSerialNumber <IssrAndSriNb>** 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 <SriNb>	[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 <Keyldr>**

*Presence:* [1..1]

*Definition:* Identifier of a cryptographic asymmetric key, previously exchanged between initiator and recipient.

**KeyIdentifier <Keyldr>** contains the following elements (see "KEKIdentifier2" on page 1342 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <Keyld>	[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 <InitlstrVctr>	[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 <Keyldr>

*Presence:* [1..1]

*Definition:* Identification of a protection key without a session key, shared and previously exchanged between the initiator and the recipient.

**KeyIdentifier <Keyldr>** contains the following elements (see "[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 <InitlstrVctr>	[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 <SaltLngh>	[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 digital 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 <SaltLngh>

*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).
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

#### 47.1.25.8.2 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 <InitlstrVctr>	[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 <Orgtrlnf>	[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 <Orgtrlnf>

*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 <IssrAndSrnNb>	[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 <SrnNb>	[1..1]	Binary		1947
Or}	KeyIdentifier <Keyldr>	[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 <Keyldr>	[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 <IssrAndSriNb>	[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 <SriNb>	[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 <IssrAndSriNb>	[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 <SriNb>	[1..1]	Binary		1977
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1977

**47.1.25.12.5.2.1 IssuerAndSerialNumber <IssrAndSriNb>**

*Presence:* [1..1]

*Definition:* Certificate issuer name and serial number (see ITU X.509).

**IssuerAndSerialNumber <IssrAndSriNb>** 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 <SriNb>	[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 <OrgtrInf>	[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 AuthntcdData <AuthntcdData>

*Presence:* [0..1]

*Definition:* Data protection by a message authentication code (MAC).

**AuthntcdData <AuthntcdData>** contains the following elements (see ["AuthntcdData5"](#) 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 <DgstddData>

*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 <KeySetldr>	[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
	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 <KeyLngth>**

*Presence:* [0..1]

*Definition:* Specifies the length of the keys being transported, not the encrypting key.

ISO 13492

*Datatype:* "Max4NumericText" on page 2208

#### **47.1.26.1.1.6 KeyProtection <KeyPrtcn>**

*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 <InitlStnVctr>**

*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 <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
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 <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 <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 <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

#### 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 <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
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 <NcrptnFrmt>	[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 <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

#### 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 <NcrptnFrmt>	[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

#### 47.1.26.2.2.1 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

#### 47.1.26.2.2.1.1 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 <IssrAndSriNb>	[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 <SriNb>	[1..1]	Binary		1995
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1995

#### 47.1.26.2.2.1.2.1 IssuerAndSerialNumber <IssrAndSriNb>

*Presence:* [1..1]

*Definition:* Certificate issuer name and serial number (see ITU X.509).

**IssuerAndSerialNumber <IssrAndSriNb>** 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 <SriNb>	[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).
RSAO	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 <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

#### 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 <KeyLngh>**

*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 <KeyPrtcn>**

*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 <SttlmSvcApld>** 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 <DfrrdSttlmInd>	[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 <DfrrdSttlmInd>**

*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 <StlmRptgNtty>

*Presence:* [0..1]

*Definition:* Entity in charge of the settlement reporting service.

**SettlementReportingEntity <StlmRptgNtty>** 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 <AddtlStlmInf>

*Presence:* [0..\*]

*Definition:* Additional Settlement Information.

**AdditionalSettlementInformation <AddtlStlmInf>** 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 <SttlmSvcApId>	[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 <SttlmSvcApId>

*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		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 <DfrrdSttlmInd>**

*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 <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

### 47.1.28.3.5 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 <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

#### 47.1.28.4.6 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 <ActnReqrd>

*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 <OthrRsltDtls>

*Presence:* [0..1]

*Definition:* Other result details of the processing.

*Datatype:* "Max35Text" on page 2207

#### 47.1.28.9.2.5 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		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 OtherMessageErrorType <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 <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

#### 47.1.28.9.5 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 <OthrRsltDtls>

*Presence:* [0..1]

*Definition:* Other result details of the processing.

*Datatype:* "Max35Text" on page 2207

#### 47.1.28.11.5 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		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 <AddtIRsltInf>**

*Presence:* [0..\*]

*Definition:* Additional result information to be conveyed.

**AdditionalResultInformation <AddtIRsltInf>** 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 <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

**47.1.28.13.4 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 <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

#### 47.1.28.14.5 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 <Dstrn>	[0..1]	CodeSet		2022
	OtherDestination <OthrDstrn>	[0..1]	Text		2023
	DestinationType <DstrnTp>	[0..1]	CodeSet		2023
	OtherDestinationType <OthrDstrnTp>	[0..1]	Text		2023
	DestinationAddress <DstrnAdr>	[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 <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

#### 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 <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

#### 47.1.28.15.3 ApprovalCode <ApprvICd>

*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 OtherMessageErrorType <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 <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

**47.1.28.16.6 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 <InclnTtlInd>	[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 <TknInittdInd>	[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 <Rslt>

*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 <OthrRslt>

*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 <RsltDtls>

*Presence:* [0..\*]

*Definition:* Details of the result.

**ResultDetails <RsltDtls>** 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 <VrfctnRslt>	[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	RSASignature	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).

CodeName	Name	Definition
RSAO	RSAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

#### 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	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.
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	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.

### 47.2.3.31 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 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.
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](http://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](http://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.
UURL	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.
MON	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	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

**47.2.3.132 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
INCU	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
FRR1	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.
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.

#### 47.2.3.174 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 70 characters.

*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