

ISO 20022

## Acquirer to Issuer Card Messages - Version 4

# Message Definition Report - Part 2

Approved by the Cards and Related Retail Financial Services SEG  
on 27 June 2024

This document provides details of the Message Definitions for Acquirer to Issuer Card Messages - Version 4.

July 2024

# Table of Contents

<b>1</b>	<b>Message Set Overview</b>	<b>8</b>
1.1	List of MessageDefinitions	8
<b>2</b>	<b>caad.001.001.03 BatchManagementInitiationV03</b>	<b>13</b>
2.1	MessageDefinition Functionality	13
2.2	Structure	18
2.3	Constraints	19
2.4	Message Building Blocks	19
<b>3</b>	<b>caad.002.001.03 BatchManagementResponseV03</b>	<b>32</b>
3.1	MessageDefinition Functionality	32
3.2	Structure	37
3.3	Constraints	38
3.4	Message Building Blocks	38
<b>4</b>	<b>caad.003.001.03 BatchTransferInitiationV03</b>	<b>52</b>
4.1	MessageDefinition Functionality	52
4.2	Structure	55
4.3	Constraints	58
4.4	Message Building Blocks	58
<b>5</b>	<b>caad.004.001.03 BatchTransferResponseV03</b>	<b>86</b>
5.1	MessageDefinition Functionality	86
5.2	Structure	89
5.3	Constraints	92
5.4	Message Building Blocks	92
<b>6</b>	<b>caad.005.001.04 ReconciliationInitiationV04</b>	<b>120</b>
6.1	MessageDefinition Functionality	120
6.2	Structure	122
6.3	Constraints	123
6.4	Message Building Blocks	123
<b>7</b>	<b>caad.006.001.04 ReconciliationResponseV04</b>	<b>136</b>
7.1	MessageDefinition Functionality	136
7.2	Structure	138
7.3	Constraints	139
7.4	Message Building Blocks	139
<b>8</b>	<b>caad.007.001.04 ErrorV04</b>	<b>152</b>
8.1	MessageDefinition Functionality	152
8.2	Structure	154
8.3	Constraints	154
8.4	Message Building Blocks	155

<b>9</b>	<b>caad.008.001.02 AdministrativeInitiationV02</b>	163
9.1	MessageDefinition Functionality	163
9.2	Structure	167
9.3	Constraints	169
9.4	Message Building Blocks	169
<b>10</b>	<b>caad.009.001.02 AdministrativeResponseV02</b>	203
10.1	MessageDefinition Functionality	203
10.2	Structure	207
10.3	Constraints	209
10.4	Message Building Blocks	209
<b>11</b>	<b>caad.010.001.02 CustomReportV02</b>	243
11.1	MessageDefinition Functionality	243
11.2	Structure	245
11.3	Constraints	246
11.4	Message Building Blocks	246
<b>12</b>	<b>cafc.001.001.03 FeeCollectionInitiationV03</b>	257
12.1	MessageDefinition Functionality	257
12.2	Structure	259
12.3	Constraints	260
12.4	Message Building Blocks	260
<b>13</b>	<b>cafc.002.001.03 FeeCollectionResponseV03</b>	277
13.1	MessageDefinition Functionality	277
13.2	Structure	279
13.3	Constraints	280
13.4	Message Building Blocks	280
<b>14</b>	<b>cafm.001.001.03 FileActionInitiationV03</b>	297
14.1	MessageDefinition Functionality	297
14.2	Structure	300
14.3	Constraints	301
14.4	Message Building Blocks	302
<b>15</b>	<b>cafm.002.001.03 FileActionResponseV03</b>	325
15.1	MessageDefinition Functionality	325
15.2	Structure	328
15.3	Constraints	329
15.4	Message Building Blocks	329
<b>16</b>	<b>cafr.001.001.03 FraudReportingInitiationV03</b>	351
16.1	MessageDefinition Functionality	351
16.2	Structure	353
16.3	Constraints	354
16.4	Message Building Blocks	354

<b>17</b>	<b>cafr.002.001.03 FraudReportingResponseV03</b>	373
17.1	MessageDefinition Functionality	373
17.2	Structure	375
17.3	Constraints	376
17.4	Message Building Blocks	376
<b>18</b>	<b>cafr.003.001.03 FraudDispositionInitiationV03</b>	387
18.1	MessageDefinition Functionality	387
18.2	Structure	389
18.3	Constraints	390
18.4	Message Building Blocks	390
<b>19</b>	<b>cafr.004.001.03 FraudDispositionResponseV03</b>	403
19.1	MessageDefinition Functionality	403
19.2	Structure	405
19.3	Constraints	406
19.4	Message Building Blocks	406
<b>20</b>	<b>cain.001.001.04 AuthorisationInitiationV04</b>	417
20.1	MessageDefinition Functionality	417
20.2	Structure	421
20.3	Constraints	424
20.4	Message Building Blocks	424
<b>21</b>	<b>cain.002.001.04 AuthorisationResponseV04</b>	465
21.1	MessageDefinition Functionality	465
21.2	Structure	468
21.3	Constraints	470
21.4	Message Building Blocks	470
<b>22</b>	<b>cain.003.001.04 FinancialInitiationV04</b>	496
22.1	MessageDefinition Functionality	496
22.2	Structure	500
22.3	Constraints	503
22.4	Message Building Blocks	503
<b>23</b>	<b>cain.004.001.04 FinancialResponseV04</b>	547
23.1	MessageDefinition Functionality	547
23.2	Structure	550
23.3	Constraints	552
23.4	Message Building Blocks	552
<b>24</b>	<b>cain.005.001.04 ReversalInitiationV04</b>	580
24.1	MessageDefinition Functionality	580
24.2	Structure	583
24.3	Constraints	584
24.4	Message Building Blocks	584



<b>25</b>	<b>cain.006.001.04 ReversalResponseV04</b>	610
25.1	MessageDefinition Functionality	610
25.2	Structure	613
25.3	Constraints	614
25.4	Message Building Blocks	614
<b>26</b>	<b>cain.014.001.03 RetrievalFulfilmentInitiationV03</b>	634
26.1	MessageDefinition Functionality	634
26.2	Structure	637
26.3	Constraints	638
26.4	Message Building Blocks	638
<b>27</b>	<b>cain.015.001.03 RetrievalFulfilmentResponseV03</b>	663
27.1	MessageDefinition Functionality	663
27.2	Structure	666
27.3	Constraints	667
27.4	Message Building Blocks	667
<b>28</b>	<b>cain.016.001.03 InquiryInitiationV03</b>	690
28.1	MessageDefinition Functionality	690
28.2	Structure	693
28.3	Constraints	695
28.4	Message Building Blocks	695
<b>29</b>	<b>cain.017.001.03 InquiryResponseV03</b>	728
29.1	MessageDefinition Functionality	728
29.2	Structure	731
29.3	Constraints	733
29.4	Message Building Blocks	733
<b>30</b>	<b>cain.018.001.03 VerificationInitiationV03</b>	759
30.1	MessageDefinition Functionality	759
30.2	Structure	763
30.3	Constraints	766
30.4	Message Building Blocks	766
<b>31</b>	<b>cain.019.001.03 VerificationResponseV03</b>	807
31.1	MessageDefinition Functionality	807
31.2	Structure	810
31.3	Constraints	812
31.4	Message Building Blocks	812
<b>32</b>	<b>cain.020.001.03 AmendmentV03</b>	843
32.1	MessageDefinition Functionality	843
32.2	Structure	845
32.3	Constraints	845
32.4	Message Building Blocks	845

<b>33</b>	<b>cain.021.001.03 RetrievalInitiationV03</b>	854
33.1	MessageDefinition Functionality	854
33.2	Structure	857
33.3	Constraints	858
33.4	Message Building Blocks	858
<b>34</b>	<b>cain.022.001.03 RetrievalResponseV03</b>	884
34.1	MessageDefinition Functionality	884
34.2	Structure	887
34.3	Constraints	888
34.4	Message Building Blocks	888
<b>35</b>	<b>cain.023.001.03 CardManagementInitiationV03</b>	911
35.1	MessageDefinition Functionality	911
35.2	Structure	914
35.3	Constraints	916
35.4	Message Building Blocks	916
<b>36</b>	<b>cain.024.001.03 CardManagementResponseV03</b>	951
36.1	MessageDefinition Functionality	951
36.2	Structure	954
36.3	Constraints	955
36.4	Message Building Blocks	956
<b>37</b>	<b>cain.025.001.03 AddendumInitiationV03</b>	981
37.1	MessageDefinition Functionality	981
37.2	Structure	983
37.3	Constraints	984
37.4	Message Building Blocks	984
<b>38</b>	<b>cain.026.001.03 AddendumResponseV03</b>	997
38.1	MessageDefinition Functionality	997
38.2	Structure	999
38.3	Constraints	1000
38.4	Message Building Blocks	1000
<b>39</b>	<b>cain.027.001.03 ChargeBackInitiationV03</b>	1011
39.1	MessageDefinition Functionality	1011
39.2	Structure	1014
39.3	Constraints	1015
39.4	Message Building Blocks	1015
<b>40</b>	<b>cain.028.001.03 ChargeBackResponseV03</b>	1039
40.1	MessageDefinition Functionality	1039
40.2	Structure	1041
40.3	Constraints	1042
40.4	Message Building Blocks	1042

<b>41</b>	<b>canm.001.001.04 NetworkManagementInitiationV04</b>	1060
41.1	MessageDefinition Functionality	1060
41.2	Structure	1062
41.3	Constraints	1063
41.4	Message Building Blocks	1063
<b>42</b>	<b>canm.002.001.04 NetworkManagementResponseV04</b>	1071
42.1	MessageDefinition Functionality	1071
42.2	Structure	1073
42.3	Constraints	1074
42.4	Message Building Blocks	1074
<b>43</b>	<b>canm.003.001.04 KeyExchangeInitiationV04</b>	1082
43.1	MessageDefinition Functionality	1082
43.2	Structure	1084
43.3	Constraints	1085
43.4	Message Building Blocks	1085
<b>44</b>	<b>canm.004.001.04 KeyExchangeResponseV04</b>	1093
44.1	MessageDefinition Functionality	1093
44.2	Structure	1095
44.3	Constraints	1096
44.4	Message Building Blocks	1096
<b>45</b>	<b>casr.001.001.03 SettlementReportingInitiationV03</b>	1104
45.1	MessageDefinition Functionality	1104
45.2	Structure	1107
45.3	Constraints	1109
45.4	Message Building Blocks	1109
<b>46</b>	<b>casr.002.001.03 SettlementReportingResponseV03</b>	1131
46.1	MessageDefinition Functionality	1131
46.2	Structure	1133
46.3	Constraints	1134
46.4	Message Building Blocks	1134
<b>47</b>	<b>Message Items Types</b>	1145
47.1	MessageComponents	1145
47.2	Message Datatypes	1783

# 1 Message Set Overview

## Introduction

This document describes the Acquirer to Issuer Card Messages message set. It includes the new version of the MessageDefinitions that have been added as part of the ATICA Fast-Track maintenance (See MCR #227) and approved by the Cards and Related Retail Financial Services Standards Evaluation Group on 27 June 2024.

## 1.1 List of MessageDefinitions

The following table lists all MessageDefinitions described in this book.

MessageDefinition	Definition
caad.001.001.03 BatchManagementInitiationV03	<p>The BatchManagementInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer) connected to a network.</p> <p>This message provides flow control information enabling a series of messages in batches and batches in collections to start, end or require checkpoints during the flow.</p>
caad.002.001.03 BatchManagementResponseV03	The BatchManagementResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a BatchManagementInitiation message.
caad.003.001.03 BatchTransferInitiationV03	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.004.001.03 BatchTransferResponseV03	The BatchTransferResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a BatchTransferInitiation message.
caad.005.001.04 ReconciliationInitiationV04	<p>The ReconciliationInitiation message can be initiated by any party and received by any party (acquirer, agent or issuer).</p> <p>Reconciliation is the exchange between two interchanging parties (Acquirer, Issuer or Agent) of totals and/or counts of messages within a specific session.</p>
caad.006.001.04 ReconciliationResponseV04	The ReconciliationResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a ReconciliationInitiation message.
caad.007.001.04 ErrorV04	The Error message is sent by any party to any party (acquirer, agent or issuer) to indicate a message error.
caad.008.001.02 AdministrativeInitiationV02	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.009.001.02 AdministrativeResponseV02	The AdministrativeResponse message is usually sent by any party (processor, clearing or settlement agent)

MessageDefinition	Definition
	to any party in response to a AdministrativeInitiation Message.
caad.010.001.02 CustomReportV02	<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.001.001.03 FeeCollectionInitiationV03	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.
cafc.002.001.03 FeeCollectionResponseV03	The FeeCollectionResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a FeeCollectionInitiation message.
cafm.001.001.03 FileActionInitiationV03	<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.002.001.03 FileActionResponseV03	A FileActionResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a FileActionInitiation message.
cafr.001.001.03 FraudReportingInitiationV03	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.
cafr.002.001.03 FraudReportingResponseV03	A FraudReportingResponse message is sent by an agent (processor, agent) to an issuer or acquirer in response to a FraudReportingInitiation message.
cafr.003.001.03 FraudDispositionInitiationV03	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.
cafr.004.001.03 FraudDispositionResponseV03	A FraudDispositionResponse message is sent by an issuer or acquirer to an agent (processor, agent) in response to a FraudDispositionInitiation message.
cain.001.001.04 AuthorisationInitiationV04	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.
cain.002.001.04 AuthorisationResponseV04	The AuthorisationResponse message is sent by an issuer or an agent to an acquirer in response to an AuthorisationInitiation message.
cain.003.001.04 FinancialInitiationV04	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

MessageDefinition	Definition
	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.
cain.004.001.04 FinancialResponseV04	The FinancialResponse message is sent by an issuer or an agent to an acquirer in response to a FinancialInitiation message.
cain.005.001.04 ReversalInitiationV04	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.006.001.04 ReversalResponseV04	The ReversalResponse message is sent by an issuer or an agent to an acquirer in response to a ReversalInitiation message.
cain.014.001.03 RetrievalFulfilmentInitiationV03	<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.015.001.03 RetrievalFulfilmentResponseV03	The RetrievalFulfilmentResponse message is sent by an issuer or acquirer to an agent (processor, agent) in response to a RetrievalFulfilmentInitiation message.
cain.016.001.03 InquiryInitiationV03	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.017.001.03 InquiryResponseV03	The InquiryResponse message is sent by an issuer or an agent to an acquirer in response to an InquiryInitiation message.
cain.018.001.03 VerificationInitiationV03	<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>

MessageDefinition	Definition
cain.019.001.03 VerificationResponseV03	The VerificationResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a VerificationInitiation message.
cain.020.001.03 AmendmentV03	<p>The Amendment message can be initiated by any party and received by any party (acquirer, agent or issuer).</p> <p>This message is used to inform the originator that the original message has been corrected/amended and then forwarded to the destination on behalf of the originator. It contains a copy of the original message and any errors found. It may also contain any corrections and/or amendments that were made to the original message.</p>
cain.021.001.03 RetrievalInitiationV03	The RetrievalInitiation message is sent by an issuer or agent to an acquirer to retrieve the original transaction details.
cain.022.001.03 RetrievalResponseV03	The RetrievalResponse message is sent by an acquirer to an issuer or agent in response to an RetrievalInitiation message.
cain.023.001.03 CardManagementInitiationV03	The CardManagementInitiation message is sent by the acquirer to an issuer or agent to fulfil a request initiated by the cardholder at the point of service for an operation on the card account.
cain.024.001.03 CardManagementResponseV03	The CardManagementResponse message is sent by an issuer or an agent to an acquirer in response to a CardManagementInitiation message.
cain.025.001.03 AddendumInitiationV03	<p>Provides supplemental data in addition to that which is required to complete an authorization initiation or financial initiation.</p> <p>The supplemental data is associated with an authorization or financial message.</p>
cain.026.001.03 AddendumResponseV03	The AddendumResponse message is sent by an issuer or an agent to an acquirer in response to an AddendumInitiation message.
cain.027.001.03 ChargeBackInitiationV03	The ChargeBackInitiation message is sent by an issuer or agent to an acquirer to fully or partially nullify a previous financial transaction; namely when the issuer determines that a customer dispute exists or that an error or violation of rules has been committed. It is also used to nullify a previous chargeback. Chargebacks have a financial impact and should be computed within reconciliation totals.
cain.028.001.03 ChargeBackResponseV03	The ChargeBackResponse message is sent by an acquirer or an agent to an issuer in response to an ChargeBackInitiation message.
canm.001.001.04 NetworkManagementInitiationV04	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.

MessageDefinition	Definition
canm.002.001.04 NetworkManagementResponseV04	The NetworkManagementResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a NetworkManagementInitiation message.
canm.003.001.04 KeyExchangeInitiationV04	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.).
canm.004.001.04 KeyExchangeResponseV04	The KeyExchangeResponse message is sent by any party to any party (acquirer, agent or issuer) in response to a KeyExchangeInitiation message.
casr.001.001.03 SettlementReportingInitiationV03	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.002.001.03 SettlementReportingResponseV03	The SettlementReportingResponse message is sent by any party (acquirer, agent or issuer) to an agent in response to a SettlementReportingInitiation message.



## 2 caad.001.001.03 BatchManagementInitiationV03

### 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 BatchManagementInitiationV03 MessageDefinition is composed of 40 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. BatchManagementType

Type of batch management activity.

C. OtherBatchManagementType

Other type of batch management activity.

D. CollectionIdentification

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.

E. BatchIdentification

Identification of a batch.

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

F. CollectionSize

Total length in bytes of the collection to be transferred.

G. OriginalCollectionIdentification

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.

H. OriginalBatchIdentification

Identification of the original batch to answer.

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

I. NumberOfBatchesInCollection

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.

J. NumberOfMessages

Number of messages.

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.

K. RemainingMessagesInCollection

Number of remaining messages in the collection.

L. MessageSequenceNumber

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.

M. CollectionIdentificationList

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

N. BatchIdentificationList

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.

O. CheckpointIdentification

Identification of a specific checkpoint.

P. CollectionChecksum

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

Q. BatchChecksum

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

R. RequestAcknowledgement

Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

S. MessagesBeforeAcknowledgement

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.

T. PositiveAcknowledgement

Indicate whether the acknowledgement is positive or not.

True: Positive acknowledgement.

False: Negative acknowledgement.

U. Continuation

Indicates that batch or collection is not complete.

V. Originator

Identifies the originator of the transaction.

W. Sender

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

X. Receiver

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

Y. Destination

Identifies the destination of the transaction.

Z. Programme

Programme, network, or brand processes the transaction.

A SystemTraceAuditNumber

- 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)

AB TransmissionDateTime

- Date and time expressed in UTC of the message as sent by the initiator.

AC RetrievalReferenceNumber

- A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

A LifeCycleIdentification

- D. Transaction lifecycle identification

AE Correction

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

AF Jurisdiction

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

A SettlementService

- G. Type of settlement service for specific services requiring settlement.

A Reconciliation

- H. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

AI. OriginalResponseCode

Original Response code.

AJ. AdditionalData

Contains additional data.

A ProcessingResult

- K. Outcome of the processing of the authorisation

AL ProtectedData

- Contains protected data and the attributes used to protect the data.

A SupplementaryData

M.

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

- A SecurityTrailer
- N. Trailer of the message containing a MAC

## 2.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchMgmtInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		19
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		20
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		20
	CollectionIdentification <ColltnId>	[0..1]	Text		21
	BatchIdentification <BtchId>	[0..1]	Text		21
	CollectionSize <ColltnSz>	[0..1]	Quantity		21
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		21
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		21
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		21
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		22
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		22
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		22
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		23
	BatchIdentificationList <BtchIdList>	[0..*]	Text		23
	CheckpointIdentification <ChckptId>	[0..1]	Text		23
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		23
	BatchChecksum <BtchChcksm>	[0..1]	Binary		23
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		24
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		24
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		24
	Continuation <Conttn>	[0..1]	Indicator		24
	Originator <Orgtr>	[0..1]	±		24
	Sender <Sndr>	[0..1]	±		25
	Receiver <Rcvr>	[0..1]	±		25
	Destination <Dstn>	[0..1]	±		26
	Programme <Prgrmm>	[0..*]	±		26
	SystemTraceAuditNumber <SysTracAuditNb>	[0..1]	Text		27
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		27
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		27

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LifeCycleId</b> Identification <LifeCyclId>	[0..1]	Text		27
	<b>Correction</b> <Crrctn>	[0..1]			27
	<b>Indicator</b> <Ind>	[0..1]	Indicator		27
	<b>Date</b> <Dt>	[0..1]	Date		28
	<b>Time</b> <Tm>	[0..1]	Time		28
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			28
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		28
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		28
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		28
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		29
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		29
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		29
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		30
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		30
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	30
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		31

## 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.

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 2.4.2 BatchManagementType <BtchMgmtTp>

*Presence:* [1..1]

*Definition:* Type of batch management activity.

*Datatype:* "BatchManagementType2Code" on page 1800

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).

## 2.4.3 OtherBatchManagementType <OthrBtchMgmtTp>

*Presence:* [0..1]



*Definition:* Other type of batch management activity.

*Datatype:* "Max35Text" on page 1864

## 2.4.4 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 1867

## 2.4.5 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 1867

## 2.4.6 CollectionSize <ColltnSz>

*Presence:* [0..1]

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

*Datatype:* "Number" on page 1856

## 2.4.7 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 1867

## 2.4.8 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 1867

## 2.4.9 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 1856

## 2.4.10 NumberOfMessages <NbOfMsgs>

*Presence:* [0..1]

*Definition:* Number of messages.

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 1856

## 2.4.11 RemainingMessagesInCollection <RmngMsgsInColltn>

*Presence:* [0..1]

*Definition:* Number of remaining messages in the collection.

*Datatype:* "Number" on page 1856

## 2.4.12 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 1860

## **2.4.13 CollectionIdentificationList <ColltnIdList>**

*Presence:* [0..\*]

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

*Datatype:* "Max70Text" on page 1867

## **2.4.14 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 1867

## **2.4.15 CheckpointIdentification <ChckptId>**

*Presence:* [0..1]

*Definition:* Identification of a specific checkpoint.

*Datatype:* "Max70Text" on page 1867

## **2.4.16 CollectionChecksum <ColltnChcksm>**

*Presence:* [0..1]

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

*Datatype:* "Max35Binary" on page 1784

## **2.4.17 BatchChecksum <BtchChcksm>**

*Presence:* [0..1]

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

*Datatype:* "Max35Binary" on page 1784

## 2.4.18 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 1854):

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

## 2.4.19 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 1856

## 2.4.20 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 1854):

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

## 2.4.21 Continuation <Conttn>

*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 1854):

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

## 2.4.22 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 2.4.23 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 2.4.24 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 2.4.25 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 2.4.26 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 2.4.27      SystemTraceAuditNumber <SysTracAudtNb>

*Presence:* [0..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)

*Datatype:* "Max12NumericText" on page 1860

### 2.4.28      TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

### 2.4.29      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.

*Datatype:* "Exact12Text" on page 1857

### 2.4.30      LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

### 2.4.31      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</b> <Ind>	[0..1]	Indicator		27
	<b>Date</b> <Dt>	[0..1]	Date		28
	<b>Time</b> <Tm>	[0..1]	Time		28

#### 2.4.31.1 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 1854):

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

2.4.31.2 Date <Dt>

*Presence:* [0..1]  
*Definition:* Contains the date of the update.  
*Datatype:* "ISODate" on page 1854

2.4.31.3 Time <Tm>

*Presence:* [0..1]  
*Definition:* Contains the time of the update.  
*Datatype:* "ISOTime" on page 1869

2.4.32 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		28
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		28

2.4.32.1 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 1854):

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

2.4.32.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]  
*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.  
*Datatype:* "Max35Text" on page 1864

2.4.33 SettlementService <SttlmSvc>

*Presence:* [0..1]  
*Definition:* Type of settlement service for specific services requiring settlement.



**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6"](#) on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 2.4.34 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 ["Reconciliation4"](#) on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 2.4.35 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 2.4.36 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 2.4.37 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult26"](#) on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1745
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1745
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1745
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1746
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1746
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1746
	ResponseCode <RspnCd>	[0..1]	CodeSet		1746
	AdditionalInformation <AddtlInf>	[0..*]	±		1746

## 2.4.38 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 2.4.39 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 2.4.40 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 3 caad.002.001.03 BatchManagementResponseV03

### 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 BatchManagementResponseV03 MessageDefinition is composed of 41 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. BatchManagementType

Type of batch management activity.

C. OtherBatchManagementType

Other type of batch management activity.

D. CollectionIdentification

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.

E. BatchIdentification

Identification of a batch.

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

F. CollectionSize

Total length in bytes of the collection to be transferred.

G. OriginalCollectionIdentification

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.

H. OriginalBatchIdentification

Identification of the original batch to answer.

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

I. NumberOfBatchesInCollection

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.

J. NumberOfMessages

Number of messages.

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.

K. RemainingMessagesInCollection

Number of remaining messages in the collection.

L. MessageSequenceNumber

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.

M. CollectionIdentificationList

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

N. BatchIdentificationList

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.

O. CheckpointIdentification

Identification of a specific checkpoint.

P. CollectionChecksum

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

Q. BatchChecksum

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

R. RequestAcknowledgement

Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

S. MessagesBeforeAcknowledgement

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.

T. PositiveAcknowledgement

Indicate whether the acknowledgement is positive or not.

True: Positive acknowledgement.

False: Negative acknowledgement.

U. Continuation

Indicates that batch or collection is not complete.

V. Originator

Identifies the originator of the transaction.

W. Sender

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

X. Receiver

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

Y. Destination

Identifies the destination of the transaction.

Z. Programme

Programme, network, or brand processes the transaction.

A SystemTraceAuditNumber

- 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)

AB TransmissionDateTime

- Date and time expressed in UTC of the message as sent by the initiator.

AC RetrievalReferenceNumber

- A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

A LifeCycleIdentification

- D. Transaction lifecycle identification

AE Correction

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

AF Jurisdiction

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

A SettlementService

- G. Type of settlement service for specific services requiring settlement.

A AdditionalFee

- H. Fees not included in the transaction amount.

AI. Reconciliation

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

AJ. OriginalResponseCode

Original Response code defined in ISO 8583.

A ProcessingResult

- K. Outcome of processing.

AL AdditionalData

- Contains additional data.

A ProtectedData

- M. Contains protected data and the attributes used to protect the data.

A SupplementaryData

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

- A SecurityTrailer
- O. Trailer of the message containing a MAC



## 3.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchMgmtRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		38
	BatchManagementType <BtchMgmtTp>	[1..1]	CodeSet		39
	OtherBatchManagementType <OthrBtchMgmtTp>	[0..1]	Text		39
	CollectionIdentification <ColltnId>	[0..1]	Text		40
	BatchIdentification <BtchId>	[0..1]	Text		40
	CollectionSize <ColltnSz>	[0..1]	Quantity		40
	OriginalCollectionIdentification <OrgnlColltnId>	[0..1]	Text		40
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		40
	NumberOfBatchesInCollection <NbOfBtchsInColltn>	[0..1]	Quantity		40
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		41
	RemainingMessagesInCollection <RmngMsgsInColltn>	[0..1]	Quantity		41
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		41
	CollectionIdentificationList <ColltnIdList>	[0..*]	Text		42
	BatchIdentificationList <BtchIdList>	[0..*]	Text		42
	CheckpointIdentification <ChckptId>	[0..1]	Text		42
	CollectionChecksum <ColltnChcksm>	[0..1]	Binary		42
	BatchChecksum <BtchChcksm>	[0..1]	Binary		42
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		43
	MessagesBeforeAcknowledgement <MsgsBfrAck>	[0..1]	Quantity		43
	PositiveAcknowledgement <PostvAck>	[0..1]	Indicator		43
	Continuation <Conttn>	[0..1]	Indicator		43
	Originator <Orgtr>	[0..1]	±		43
	Sender <Sndr>	[0..1]	±		44
	Receiver <Rcvr>	[0..1]	±		44
	Destination <Dstn>	[0..1]	±		45
	Programme <Prgrmm>	[0..*]	±		45
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		46
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		46
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		46

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>LifeCycleId</b> Identification <LifeCyclId>	[0..1]	Text		46
	<b>Correction</b> <Crrctn>	[0..1]			46
	<b>Indicator</b> <Ind>	[0..1]	Indicator		46
	<b>Date</b> <Dt>	[0..1]	Date		47
	<b>Time</b> <Tm>	[0..1]	Time		47
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			47
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		47
	<b>DomesticQualification</b> <DmstQlfcnt>	[0..1]	Text		47
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		47
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		48
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		49
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		49
	<b>ProcessingResult</b> <PrccgRslt>	[1..1]	±		50
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		50
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		50
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	51
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		51

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 3.4.2 BatchManagementType <BtchMgmtTp>

*Presence:* [1..1]

*Definition:* Type of batch management activity.

*Datatype:* "BatchManagementType2Code" on page 1800

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).

### 3.4.3 OtherBatchManagementType <OthrBtchMgmtTp>

*Presence:* [0..1]

*Definition:* Other type of batch management activity.

*Datatype:* "Max35Text" on page 1864

### 3.4.4 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 1867

### 3.4.5 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 1867

### 3.4.6 CollectionSize <ColltnSz>

*Presence:* [0..1]

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

*Datatype:* "Number" on page 1856

### 3.4.7 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 1867

### 3.4.8 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 1867

### 3.4.9 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 1856

### 3.4.10 **NumberOfMessages <NbOfMsgs>**

*Presence:* [0..1]

*Definition:* Number of messages.

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 1856

### 3.4.11 **RemainingMessagesInCollection <RmngMsgsInColltn>**

*Presence:* [0..1]

*Definition:* Number of remaining messages in the collection.

*Datatype:* "Number" on page 1856

### 3.4.12 **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 1860

### **3.4.13 CollectionIdentificationList <ColltnIdList>**

*Presence:* [0..\*]

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

*Datatype:* "Max70Text" on page 1867

### **3.4.14 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 1867

### **3.4.15 CheckpointIdentification <ChckptId>**

*Presence:* [0..1]

*Definition:* Identification of a specific checkpoint.

*Datatype:* "Max70Text" on page 1867

### **3.4.16 CollectionChecksum <ColltnChcksm>**

*Presence:* [0..1]

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

*Datatype:* "Max35Binary" on page 1784

### **3.4.17 BatchChecksum <BtchChcksm>**

*Presence:* [0..1]

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

*Datatype:* "Max35Binary" on page 1784

### 3.4.18 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 1854):

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

### 3.4.19 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 1856

### 3.4.20 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 1854):

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

### 3.4.21 Continuation <Conttn>

*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 1854):

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

### 3.4.22 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 3.4.23 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 3.4.24 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 3.4.25 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 3.4.26 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 3.4.27 SystemTraceAuditNumber <SysTracAudtNb>

*Presence:* [0..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)

*Datatype:* "Max12NumericText" on page 1860

### 3.4.28 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

### 3.4.29 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.

*Datatype:* "Exact12Text" on page 1857

### 3.4.30 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

### 3.4.31 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</b> <Ind>	[0..1]	Indicator		46
	<b>Date</b> <Dt>	[0..1]	Date		47
	<b>Time</b> <Tm>	[0..1]	Time		47

#### 3.4.31.1 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 1854):

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

3.4.31.2 Date <Dt>

*Presence:* [0..1]  
*Definition:* Contains the date of the update.  
*Datatype:* "ISODate" on page 1854

3.4.31.3 Time <Tm>

*Presence:* [0..1]  
*Definition:* Contains the time of the update.  
*Datatype:* "ISOTime" on page 1869

3.4.32 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		47
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		47

3.4.32.1 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 1854):

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

3.4.32.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]  
*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.  
*Datatype:* "Max35Text" on page 1864

3.4.33 SettlementService <SttlmSvc>

*Presence:* [0..1]  
*Definition:* Type of settlement service for specific services requiring settlement.

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 3.4.34 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 3.4.35 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 3.4.36 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code defined in ISO 8583.

*Datatype:* "ISO8583ResponseCode" on page 1822

### 3.4.37 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of processing.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult23" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

### 3.4.38 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 3.4.39 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 3.4.40 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

### 3.4.41 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 4 caad.003.001.03 BatchTransferInitiationV03

### 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 BatchTransferInitiationV03 MessageDefinition is composed of 26 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. BatchIdentification

Identification of a batch.

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

C. OriginalBatchIdentification

Identification of the original batch to answer.

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

D. NumberOfMessages

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.

E. BatchChecksum

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

F. RequestAcknowledgement

Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

G. Originator

Identifies the originator of the transaction.

H. Destination

Identifies the destination of the transaction.

I. Programme

Programme, network, or brand processes the transaction.

J. SystemTraceAuditNumber

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)

K. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

L. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

M. LifeCycleIdentification

Transaction lifecycle identification

N. ClearingBatchData

Clearing data at batch level allowing clearing in different currencies.

O. ClearingControlTotals

Gross amount clearing totals.

P. AgentData

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

Q. Record

Record in batch.

R. Jurisdiction

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

S. SettlementService

Type of settlement service for specific services requiring settlement.

T. Reconciliation

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

U. OriginalResponseCode

Original Response code.

V. ProcessingResult

Outcome of the processing of the authorisation

W. AdditionalData

Contains additional data.

X. ProtectedData

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

Y. SupplementaryData

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

Z. SecurityTrailer

Trailer of the message containing a MAC

## 4.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchTrflNitr>	[1..1]			
	Header <Hdr>	[1..1]	±		59
	BatchIdentification <BtchId>	[0..1]	Text		59
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		59
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		59
	BatchChecksum <BtchChcksm>	[0..1]	Binary		60
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		60
	Originator <Orgtr>	[0..1]	±		60
	Destination <Dstin>	[0..1]	±		61
	Programme <Prgrmm>	[0..*]	±		61
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		62
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		62
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		62
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		62
	ClearingBatchData <ClrBtchData>	[0..*]			62
	Method <Mtd>	[1..1]	CodeSet		63
	OtherMethod <OthrMtd>	[0..1]	Text		63
	Priority <Prty>	[0..1]	Text		64
	Date <Dt>	[0..1]	Date		64
	TotalsCount <TtlsCnt>	[0..1]	Quantity		64
	TotalsAmount <TtlsAmt>	[0..1]	Amount		64
	TotalsCurrency <TtlsCcy>	[0..1]	CodeSet	C2	64
	TotalsCreditDebit <TtlsCdtDbt>	[0..1]	CodeSet		64
	InterchangeFeeAmount <IntrchnngFeeAmt>	[0..1]	Amount		65
	InterchangeFeeCurrency <IntrchnngFeeCcy>	[0..1]	CodeSet	C2	65
	InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>	[0..1]	CodeSet		65
	AgentFeeAmount <AgtFeeAmt>	[0..1]	Amount		65
	AgentFeeCurrency <AgtFeeCcy>	[0..1]	CodeSet	C2	65
	AgentFeeCreditDebit <AgtFeeCdtDbt>	[0..1]	CodeSet		66
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			66

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Count</b> <Cnt>	[1..1]	Quantity		66
	<b>Amount</b> <Amt>	[1..1]	Amount		66
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C2	66
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		67
	<b>AgentData</b> <AgtData>	[0..*]			67
	<b>Recipient</b> <Rcpt>	[0..1]	CodeSet		67
	<b>Target</b> <Trgt>	[0..*]	CodeSet		67
	<b>Format</b> <Frmt>	[0..1]	CodeSet		68
	<b>Value</b> <Val>	[1..1]	Text		68
	<b>Record</b> <Rcrd>	[0..*]			68
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		71
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		71
	<b>OriginatorIdentification</b> <OrgtrId>	[0..1]	Text		71
	<b>OriginatorAssigner</b> <OrgtrAssgnr>	[0..1]	Text		71
	<b>OriginatorCountry</b> <OrgtrCtry>	[0..1]	CodeSet		71
	<b>OriginatorShortName</b> <OrgtrShrtNm>	[0..1]	Text		71
	<b>DestinationIdentification</b> <DstnId>	[0..1]	Text		71
	<b>DestinationAssigner</b> <DstnAssgnr>	[0..1]	Text		71
	<b>DestinationCountry</b> <DstnCtry>	[0..1]	CodeSet		72
	<b>DestinationShortName</b> <DstnShrtNm>	[0..1]	Text		72
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		72
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		72
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		72
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		72
	<b>ClearingAmount</b> <ClrAmt>	[0..1]	Amount		73
	<b>ClearingCurrency</b> <ClrCcy>	[0..1]	CodeSet	C2	73
	<b>ClearingCreditDebit</b> <ClrCdtDbt>	[0..1]	CodeSet		73
	<b>InterchangeFeeAmount</b> <IntrchgngFeeAmt>	[0..1]	Amount		73
	<b>InterchangeFeeCurrency</b> <IntrchgngFeeCcy>	[0..1]	CodeSet	C2	73
	<b>InterchangeFeeCreditDebit</b> <IntrchgngFeeCdtDbt>	[0..1]	CodeSet		74
	<b>AgentFeeAmount</b> <AgtFeeAmt>	[0..1]	Amount		74

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AgentFeeCurrency</b> <AgtFeeCcy>	[0..1]	CodeSet	C2	74
	<b>AgentFeeCreditDebit</b> <AgtFeeCdtDbt>	[0..1]	CodeSet		74
	<b>OtherAmount</b> <OthrAmt>	[0..1]	±		74
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			75
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		77
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		77
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		77
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		77
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		77
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		77
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		78
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		78
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		78
Or	<b>Error</b> <Err>	[1..1]	Binary		78
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		78
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		78
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		78
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		78
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		78
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		79
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		79
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		79
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		79
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		79
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		79
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		79
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		79
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		80
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		80
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		80
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		80

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		80
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		80
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		80
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		80
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		80
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		81
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		81
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		81
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		81
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		81
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		81
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			81
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		82
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		82
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		82
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		83
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		83
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		83
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		83
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		84
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	84
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		84

## 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 ["Header71" on page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 4.4.2 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 1867](#)

## 4.4.3 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 1867](#)

## 4.4.4 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 1856

#### 4.4.5 BatchChecksum <BtchChcksm>

*Presence:* [0..1]

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

*Datatype:* "Max35Binary" on page 1784

#### 4.4.6 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 1854):

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

#### 4.4.7 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.



**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 4.4.8 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 4.4.9 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

#### **4.4.10 SystemTraceAuditNumber <SysTracAudtNb>**

*Presence:* [0..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)

*Datatype:* "Max12NumericText" on page 1860

#### **4.4.11 TransmissionDateTime <TrnsmsnDtTm>**

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODatetime" on page 1854

#### **4.4.12 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.

*Datatype:* "Exact12Text" on page 1857

#### **4.4.13 LifeCycleIdentification <LifeCyclId>**

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

#### **4.4.14 ClearingBatchData <ClrBtchData>**

*Presence:* [0..\*]

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

**ClearingBatchData** <ClrBtchData> contains the following **ClearingBatchData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		63
	<b>OtherMethod</b> <OthrMtd>	[0..1]	Text		63
	<b>Priority</b> <Prty>	[0..1]	Text		64
	<b>Date</b> <Dt>	[0..1]	Date		64
	<b>TotalsCount</b> <TtlsCnt>	[0..1]	Quantity		64
	<b>TotalsAmount</b> <TtlsAmt>	[0..1]	Amount		64
	<b>TotalsCurrency</b> <TtlsCcy>	[0..1]	CodeSet	C2	64
	<b>TotalsCreditDebit</b> <TtlsCdtDbt>	[0..1]	CodeSet		64
	<b>InterchangeFeeAmount</b> <IntrchgngFeeAmt>	[0..1]	Amount		65
	<b>InterchangeFeeCurrency</b> <IntrchgngFeeCcy>	[0..1]	CodeSet	C2	65
	<b>InterchangeFeeCreditDebit</b> <IntrchgngFeeCdtDbt>	[0..1]	CodeSet		65
	<b>AgentFeeAmount</b> <AgtFeeAmt>	[0..1]	Amount		65
	<b>AgentFeeCurrency</b> <AgtFeeCcy>	[0..1]	CodeSet	C2	65
	<b>AgentFeeCreditDebit</b> <AgtFeeCdtDbt>	[0..1]	CodeSet		66

#### 4.4.14.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Type of clearing method used.

*Datatype:* "ClearingMethod2Code" on page 1807

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.

#### 4.4.14.2 OtherMethod <OthrMtd>

*Presence:* [0..1]

*Definition:* Other type of clearing method.

*Datatype:* "Max35Text" on page 1864

4.4.14.3 Priority <Prty>

Presence: [0..1]  
Definition: Level of priority of clearing.  
Datatype: "Max35Text" on page 1864

4.4.14.4 Date <Dt>

Presence: [0..1]  
Definition: Date of clearing.  
Datatype: "ISODate" on page 1854

4.4.14.5 TotalsCount <TtlsCnt>

Presence: [0..1]  
Definition: Number of transactions to clear.  
Datatype: "Number" on page 1856

4.4.14.6 TotalsAmount <TtlsAmt>

Presence: [0..1]  
Definition: Gross clearing accumulated amount.  
Datatype: "ImpliedCurrencyAndAmount" on page 1783

4.4.14.7 TotalsCurrency <TtlsCcy>

Presence: [0..1]  
Definition: Currency code of gross clearing accumulated amount.  
Impacted by: C2 "ValidationByTable"  
Datatype: "ISO3NumericCurrencyCode" on page 1821

Constraints

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

4.4.14.8 TotalsCreditDebit <TtlsCdtDbt>

Presence: [0..1]  
Definition: Sign of the gross clearing accumulated amount.  
Datatype: "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 4.4.14.9 InterchangeFeeAmount <IntrchnngFeeAmt>

*Presence:* [0..1]

*Definition:* Interchange fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 4.4.14.10 InterchangeFeeCurrency <IntrchnngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 4.4.14.11 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the interchange fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 4.4.14.12 AgentFeeAmount <AgtFeeAmt>

*Presence:* [0..1]

*Definition:* Agent fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 4.4.14.13 AgentFeeCurrency <AgtFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code Gross clearing accumulated amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

Constraints

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

4.4.14.14 AgentFeeCreditDebit <AgtFeeCdtDbt>

Presence: [0..1]  
Definition: Sign of agent fee amount.  
Datatype: "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

4.4.15 ClearingControlTotals <ClrCtrlTtls>

Presence: [0..1]  
Definition: Gross amount clearing totals.

ClearingControlTotals <ClrCtrlTtls> contains the following ClearingControlTotals3 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[1..1]	Quantity		66
	Amount <Amt>	[1..1]	Amount		66
	Currency <Ccy>	[0..1]	CodeSet	C2	66
	CreditDebit <CdtDbt>	[0..1]	CodeSet		67

4.4.15.1 Count <Cnt>

Presence: [1..1]  
Definition: Number of clearing transactions. To be used for control purpose.  
Datatype: "Number" on page 1856

4.4.15.2 Amount <Amt>

Presence: [1..1]  
Definition: Amount value.  
Datatype: "ImpliedCurrencyAndAmount" on page 1783

4.4.15.3 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 1821

#### Constraints

- **ValidationByTable**

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

#### 4.4.15.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 4.4.16 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		67
	<b>Target</b> <Trgt>	[0..*]	CodeSet		67
	<b>Format</b> <Frmt>	[0..1]	CodeSet		68
	<b>Value</b> <Val>	[1..1]	Text		68

##### 4.4.16.1 Recipient <Rcpt>

*Presence:* [0..1]

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

*Datatype:* "PartyType23Code" on page 1833

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.

##### 4.4.16.2 Target <Trgt>

*Presence:* [0..\*]

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

*Datatype:* "UserInterface7Code" on page 1852

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.

#### 4.4.16.3 Format <Frmt>

*Presence:* [0..1]

*Definition:* Format of the additional information.

*Datatype:* "OutputFormat4Code" on page 1830

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.

#### 4.4.16.4 Value <Val>

*Presence:* [1..1]

*Definition:* Content of or reference to the message.

*Datatype:* "Max20KText" on page 1862

### 4.4.17 Record <Rcrd>

*Presence:* [0..\*]

*Definition:* Record in batch.



**Record <Rcrd>** contains the following **Record3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		71
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		71
	<b>OriginatorIdentification</b> <OrgtrId>	[0..1]	Text		71
	<b>OriginatorAssigner</b> <OrgtrAssgnr>	[0..1]	Text		71
	<b>OriginatorCountry</b> <OrgtrCtry>	[0..1]	CodeSet		71
	<b>OriginatorShortName</b> <OrgtrShrtNm>	[0..1]	Text		71
	<b>DestinationIdentification</b> <DstnId>	[0..1]	Text		71
	<b>DestinationAssigner</b> <DstnAssgnr>	[0..1]	Text		71
	<b>DestinationCountry</b> <DstnCtry>	[0..1]	CodeSet		72
	<b>DestinationShortName</b> <DstnShrtNm>	[0..1]	Text		72
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		72
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		72
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		72
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		72
	<b>ClearingAmount</b> <ClrAmt>	[0..1]	Amount		73
	<b>ClearingCurrency</b> <ClrCcy>	[0..1]	CodeSet	C2	73
	<b>ClearingCreditDebit</b> <ClrCdtDbt>	[0..1]	CodeSet		73
	<b>InterchangeFeeAmount</b> <IntrchgngFeeAmt>	[0..1]	Amount		73
	<b>InterchangeFeeCurrency</b> <IntrchgngFeeCcy>	[0..1]	CodeSet	C2	73
	<b>InterchangeFeeCreditDebit</b> <IntrchgngFeeCdtDbt>	[0..1]	CodeSet		74
	<b>AgentFeeAmount</b> <AgtFeeAmt>	[0..1]	Amount		74
	<b>AgentFeeCurrency</b> <AgtFeeCcy>	[0..1]	CodeSet	C2	74
	<b>AgentFeeCreditDebit</b> <AgtFeeCdtDbt>	[0..1]	CodeSet		74
	<b>OtherAmount</b> <OthrAmt>	[0..1]	±		74
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			75
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		77
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		77
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		77
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		77
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		77
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		77

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		78
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		78
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		78
Or	<b>Error</b> <Err>	[1..1]	Binary		78
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		78
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		78
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		78
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		78
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		78
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		79
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		79
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		79
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		79
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		79
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		79
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		79
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		79
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		80
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		80
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		80
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		80
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		80
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		80
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		80
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		80
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		80
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		81
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		81
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		81
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		81
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		81

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		81

#### 4.4.17.1 SequenceCounter <SeqCntr>

*Presence:* [1..1]

*Definition:* Sequence counter of the record from 1 to n

*Datatype:* "Number" on page 1856

#### 4.4.17.2 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 1783

#### 4.4.17.3 OriginatorIdentification <OrgtrId>

*Presence:* [0..1]

*Definition:* Identification of the originator of the transaction.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.4 OriginatorAssigner <OrgtrAssgnr>

*Presence:* [0..1]

*Definition:* Identification of the entity assigning the originator identification.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.5 OriginatorCountry <OrgtrCtry>

*Presence:* [0..1]

*Definition:* Country of the originator.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 4.4.17.6 OriginatorShortName <OrgtrShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the originator.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.7 DestinationIdentification <DstnId>

*Presence:* [0..1]

*Definition:* Identification of the destination of the transaction.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.8 DestinationAssigner <DstnAssgnr>

*Presence:* [0..1]

*Definition:* Identification of the entity assigning the destination identification.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.9 DestinationCountry <DstnCtry>

*Presence:* [0..1]

*Definition:* Country of the destination.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 4.4.17.10 DestinationShortName <DstnShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the destination.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.11 ClearingMethod <ClrMtd>

*Presence:* [1..1]

*Definition:* Type of clearing of the transaction.

*Datatype:* "ClearingMethod2Code" on page 1807

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.

#### 4.4.17.12 OtherClearingMethod <OthrClrMtd>

*Presence:* [0..1]

*Definition:* Other type of clearing method.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.13 ClearingPriority <ClrPrty>

*Presence:* [0..1]

*Definition:* Level of priority of clearing.

*Datatype:* "Max35Text" on page 1864

#### 4.4.17.14 ClearingDate <ClrDt>

*Presence:* [0..1]

*Definition:* Date of clearing.

*Datatype:* "ISODate" on page 1854

#### 4.4.17.15 ClearingAmount <ClrAmt>

*Presence:* [0..1]

*Definition:* Net clearing amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 4.4.17.16 ClearingCurrency <ClrCcy>

*Presence:* [0..1]

*Definition:* Currency code of the net clearing amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 4.4.17.17 ClearingCreditDebit <ClrCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of net clearing amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 4.4.17.18 InterchangeFeeAmount <IntrchgngFeeAmt>

*Presence:* [0..1]

*Definition:* Interchange fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 4.4.17.19 InterchangeFeeCurrency <IntrchgngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### Constraints

- **ValidationByTable**

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

#### 4.4.17.20 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the interchange fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 4.4.17.21 AgentFeeAmount <AgtFeeAmt>

*Presence:* [0..1]

*Definition:* Agent fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 4.4.17.22 AgentFeeCurrency <AgtFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code Gross clearing accumulated amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### Constraints

- **ValidationByTable**

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

#### 4.4.17.23 AgentFeeCreditDebit <AgtFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of agent fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 4.4.17.24 OtherAmount <OthrAmt>

*Presence:* [0..1]

*Definition:* Other amounts involved in clearing.

**OtherAmount <OthrAmt>** contains the following elements (see "OtherAmount5" on page 1159 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingCount <ClrCnt>	[1..1]	Quantity		1160
	ClearingAmount <ClrAmt>	[1..1]	Amount		1160
	ClearingCurrency <ClrCcy>	[0..1]	CodeSet	C2	1160
	ClearingCreditDebit <ClrCdtDbt>	[0..1]	CodeSet		1160
	InterchangeFeeAmount <IntrchgFeeAmt>	[1..1]	Amount		1161
	InterchangeFeeCurrency <IntrchgFeeCcy>	[0..1]	CodeSet	C2	1161
	InterchangeFeeCreditDebit <IntrchgFeeCdtDbt>	[0..1]	CodeSet		1161
	AgentFeeAmount <AgtFeeAmt>	[1..1]	Amount		1161
	AgentFeeCurrency <AgtFeeCcy>	[0..1]	CodeSet	C2	1161
	AgentFeeCreditDebit <AgtFeeCdtDbt>	[0..1]	CodeSet		1162

#### 4.4.17.25 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		77
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		77
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		77
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		77
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		77
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		77
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		78
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		78
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		78
Or	<b>Error</b> <Err>	[1..1]	Binary		78
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		78
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		78
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		78
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		78
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		78
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		79
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		79
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		79
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		79
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		79
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		79
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		79
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		79
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		80
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		80
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		80
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		80
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		80
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		80
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		80
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		80



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>RetrievalFulfilmentResponse</b> <RtrvFlfmtRspn>	[1..1]	Binary		80
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		81
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		81
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		81
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		81
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		81
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		81

#### 4.4.17.25.1 AddendumInitiation <AdddmInitn>

*Presence:* [1..1]

*Definition:* Addendum initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 4.4.17.25.2 AddendumResponse <AdddmRspn>

*Presence:* [1..1]

*Definition:* Addendum response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 4.4.17.25.3 Amendment <Amdmnt>

*Presence:* [1..1]

*Definition:* Amendment message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 4.4.17.25.4 AuthorisationInitiation <AuthstnInitn>

*Presence:* [1..1]

*Definition:* Authorisation initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 4.4.17.25.5 AuthorisationResponse <AuthstnRspn>

*Presence:* [1..1]

*Definition:* Authorisation response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 4.4.17.25.6 CardManagementInitiation <CardMgmtInitn>

*Presence:* [1..1]

*Definition:* Card management initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.7 CardManagementResponse <CardMgmtRspn>**

*Presence:* [1..1]

*Definition:* Card management response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.8 ChargeBackInitiation <ChrgBckInitn>**

*Presence:* [1..1]

*Definition:* Chargeback initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.9 ChargeBackResponse <ChrgBckRspn>**

*Presence:* [1..1]

*Definition:* Chargeback response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.10 Error <Err>**

*Presence:* [1..1]

*Definition:* Error message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.11 FeeCollectionInitiation <FeeColltnInitn>**

*Presence:* [1..1]

*Definition:* Fee collection initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.12 FeeCollectionResponse <FeeColltnRspn>**

*Presence:* [1..1]

*Definition:* Fee collection response message record

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.13 FileActionInitiation <FileActnInitn>**

*Presence:* [1..1]

*Definition:* File action initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.14 FileActionResponse <FileActnRspn>**

*Presence:* [1..1]

*Definition:* File action response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.15 FinancialInitiation <FinInitn>**

*Presence:* [1..1]

*Definition:* Financial initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.16 FinancialResponse <FinRspn>**

*Presence:* [1..1]

*Definition:* Financial response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.17 FraudDispositionInitiation <FrdDspstnInitn>**

*Presence:* [1..1]

*Definition:* Fraud disposition initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.18 FraudDispositionResponse <FrdDspstnRspn>**

*Presence:* [1..1]

*Definition:* Fraud disposition response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.19 FraudReportingInitiation <FrdRptgInitn>**

*Presence:* [1..1]

*Definition:* Fraud reporting initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.20 FraudReportingResponse <FrdRptgRspn>**

*Presence:* [1..1]

*Definition:* Fraud reporting response record message.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.21 InquiryInitiation <NqryInitn>**

*Presence:* [1..1]

*Definition:* Inquiry initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.22 InquiryResponse <NqryRspn>**

*Presence:* [1..1]

*Definition:* Inquiry response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.23 KeyExchangeInitiation <KeyXchgInitn>**

*Presence:* [1..1]

*Definition:* Key exchange initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.24 KeyExchangeResponse <KeyXchgRspn>**

*Presence:* [1..1]

*Definition:* Key exchange response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.25 NetworkManagementInitiation <NtwkMgmtInittn>**

*Presence:* [1..1]

*Definition:* Network management initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.26 NetworkManagementResponse <NtwkMgmtRspn>**

*Presence:* [1..1]

*Definition:* Network management response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.27 ReconciliationInitiation <RcncltnInittn>**

*Presence:* [1..1]

*Definition:* Reconciliation initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.28 ReconciliationResponse <RcncltnRspn>**

*Presence:* [1..1]

*Definition:* Reconciliation response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.29 RetrievalInitiation <RtrvlInittn>**

*Presence:* [1..1]

*Definition:* Retrieval initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.30 RetrievalResponse <RtrvlRspn>**

*Presence:* [1..1]

*Definition:* Retrieval response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.31 RetrievalFulfilmentInitiation <RtrvlFlfmtInittn>**

*Presence:* [1..1]

*Definition:* Retrieval fulfilment initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.32 RetrievalFulfilmentResponse <RtrvlFlfmtRspn>**

*Presence:* [1..1]

*Definition:* Retrieval fulfilment response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.33 ReversalInitiation <RvslInitn>**

*Presence:* [1..1]

*Definition:* Reversal initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.34 ReversalResponse <RvslRspn>**

*Presence:* [1..1]

*Definition:* Reversal response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.35 SettlementReportingInitiation <SttlmRptgInitn>**

*Presence:* [1..1]

*Definition:* Settlement reporting initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.36 SettlementReportingResponse <SttlmRptgRspn>**

*Presence:* [1..1]

*Definition:* Settlement reporting response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.37 VerificationInitiation <VrfctnInitn>**

*Presence:* [1..1]

*Definition:* Verification initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **4.4.17.25.38 VerificationResponse <VrfctnRspn>**

*Presence:* [1..1]

*Definition:* Verification response message record.

*Datatype:* "Max2MBBinary" on page 1784

### **4.4.18 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		82
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		82

#### 4.4.18.1 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 1854):

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

#### 4.4.18.2 DomesticQualification <DmstQlfcfn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 4.4.19 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService** <SttlmSvc> contains the following elements (see ["SettlementService6"](#) on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 4.4.20 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 ["Reconciliation4"](#) on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 4.4.21 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 4.4.22 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult26"](#) on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1745
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1745
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1745
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1746
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1746
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1746
	ResponseCode <RspnCd>	[0..1]	CodeSet		1746
	AdditionalInformation <AddtlInf>	[0..*]	±		1746

## 4.4.23 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 4.4.24 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 4.4.25 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 4.4.26 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC



**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 5 caad.004.001.03 BatchTransferResponseV03

## 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 BatchTransferResponseV03 MessageDefinition is composed of 26 MessageBuildingBlocks:

#### A. Header

Information related to the management of the protocol.

#### B. BatchIdentification

Identification of a batch.

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

#### C. OriginalBatchIdentification

Identification of the original batch to answer.

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

#### D. NumberOfMessages

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.

E. BatchChecksum

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

F. RequestAcknowledgement

Indicator to request acknowledgement.

True: Acknowledgement requested

False: Acknowledgement not requested.

G. Originator

Identifies the originator of the transaction.

H. Destination

Identifies the destination of the transaction.

I. Programme

Programme, network, or brand processes the transaction.

J. SystemTraceAuditNumber

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)

K. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

L. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

M. LifeCycleIdentification

Transaction lifecycle identification

N. ClearingBatchData

Clearing data at batch level allowing clearing in different currencies.

O. ClearingControlTotals

Gross amount clearing totals.

P. AgentData

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

Q. Record

Record in batch.

R. Jurisdiction

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

S. SettlementService

---

Type of settlement service for specific services requiring settlement.

T. Reconciliation

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

U. OriginalResponseCode

Original Response code defined in ISO 8583.

V. ProcessingResult

Outcome of processing.

W. AdditionalData

Contains additional data.

X. ProtectedData

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

Y. SupplementaryData

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

Z. SecurityTrailer

Trailer of the message containing a MAC

## 5.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <BtchTrfRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		93
	BatchIdentification <BtchId>	[0..1]	Text		93
	OriginalBatchIdentification <OrgnlBtchId>	[0..1]	Text		93
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		93
	BatchChecksum <BtchChcksm>	[0..1]	Binary		94
	RequestAcknowledgement <ReqAck>	[0..1]	Indicator		94
	Originator <Orgtr>	[0..1]	±		94
	Destination <Dstin>	[0..1]	±		95
	Programme <Prgrmm>	[0..*]	±		95
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		96
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		96
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		96
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		96
	ClearingBatchData <ClrBtchData>	[0..*]			96
	Method <Mtd>	[1..1]	CodeSet		97
	OtherMethod <OthrMtd>	[0..1]	Text		97
	Priority <Prty>	[0..1]	Text		98
	Date <Dt>	[0..1]	Date		98
	TotalsCount <TtlsCnt>	[0..1]	Quantity		98
	TotalsAmount <TtlsAmt>	[0..1]	Amount		98
	TotalsCurrency <TtlsCcy>	[0..1]	CodeSet	C2	98
	TotalsCreditDebit <TtlsCdtDbt>	[0..1]	CodeSet		98
	InterchangeFeeAmount <IntrchnngFeeAmt>	[0..1]	Amount		99
	InterchangeFeeCurrency <IntrchnngFeeCcy>	[0..1]	CodeSet	C2	99
	InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>	[0..1]	CodeSet		99
	AgentFeeAmount <AgtFeeAmt>	[0..1]	Amount		99
	AgentFeeCurrency <AgtFeeCcy>	[0..1]	CodeSet	C2	99
	AgentFeeCreditDebit <AgtFeeCdtDbt>	[0..1]	CodeSet		100
	ClearingControlTotals <ClrCtrlTtls>	[0..1]			100

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Count</b> <Cnt>	[1..1]	Quantity		100
	<b>Amount</b> <Amt>	[1..1]	Amount		100
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C2	100
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		101
	<b>AgentData</b> <AgtData>	[0..*]			101
	<b>Recipient</b> <Rcpt>	[0..1]	CodeSet		101
	<b>Target</b> <Trgt>	[0..*]	CodeSet		101
	<b>Format</b> <Frmt>	[0..1]	CodeSet		102
	<b>Value</b> <Val>	[1..1]	Text		102
	<b>Record</b> <Rcrd>	[0..*]			102
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		105
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		105
	<b>OriginatorIdentification</b> <OrgtrId>	[0..1]	Text		105
	<b>OriginatorAssigner</b> <OrgtrAssgnr>	[0..1]	Text		105
	<b>OriginatorCountry</b> <OrgtrCtry>	[0..1]	CodeSet		105
	<b>OriginatorShortName</b> <OrgtrShrtNm>	[0..1]	Text		105
	<b>DestinationIdentification</b> <DstnId>	[0..1]	Text		105
	<b>DestinationAssigner</b> <DstnAssgnr>	[0..1]	Text		105
	<b>DestinationCountry</b> <DstnCtry>	[0..1]	CodeSet		106
	<b>DestinationShortName</b> <DstnShrtNm>	[0..1]	Text		106
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		106
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		106
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		106
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		106
	<b>ClearingAmount</b> <ClrAmt>	[0..1]	Amount		107
	<b>ClearingCurrency</b> <ClrCcy>	[0..1]	CodeSet	C2	107
	<b>ClearingCreditDebit</b> <ClrCdtDbt>	[0..1]	CodeSet		107
	<b>InterchangeFeeAmount</b> <IntrchnngFeeAmt>	[0..1]	Amount		107
	<b>InterchangeFeeCurrency</b> <IntrchnngFeeCcy>	[0..1]	CodeSet	C2	107
	<b>InterchangeFeeCreditDebit</b> <IntrchnngFeeCdtDbt>	[0..1]	CodeSet		108
	<b>AgentFeeAmount</b> <AgtFeeAmt>	[0..1]	Amount		108

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AgentFeeCurrency</b> <AgtFeeCcy>	[0..1]	CodeSet	C2	108
	<b>AgentFeeCreditDebit</b> <AgtFeeCdtDbt>	[0..1]	CodeSet		108
	<b>OtherAmount</b> <OthrAmt>	[0..1]	±		108
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			109
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		111
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		111
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		111
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		111
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		111
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		111
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		112
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		112
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		112
Or	<b>Error</b> <Err>	[1..1]	Binary		112
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		112
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		112
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		112
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		112
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		112
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		113
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		113
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		113
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		113
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		113
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		113
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		113
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		113
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		114
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		114
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		114
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		114

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		114
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		114
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		114
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		114
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		114
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		115
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		115
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		115
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		115
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		115
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		115
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			115
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		116
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		116
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		116
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		117
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		117
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		117
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		117
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		118
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	118
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		118

## 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 ["Header71"](#) on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 5.4.2 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 1867

## 5.4.3 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 1867

## 5.4.4 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 1856

## 5.4.5 BatchChecksum <BtchChcksm>

*Presence:* [0..1]

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

*Datatype:* "Max35Binary" on page 1784

## 5.4.6 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 1854):

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

## 5.4.7 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 5.4.8 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 5.4.9 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 5.4.10 SystemTraceAuditNumber <SysTracAudtNb>

*Presence:* [0..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)

*Datatype:* "Max12NumericText" on page 1860

## 5.4.11 TransmissionDateTime <TrnsmsnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

## 5.4.12 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.

*Datatype:* "Exact12Text" on page 1857

## 5.4.13 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

## 5.4.14 ClearingBatchData <ClrBtchData>

*Presence:* [0..\*]

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

**ClearingBatchData** <ClrBtchData> contains the following **ClearingBatchData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Method</b> <Mtd>	[1..1]	CodeSet		97
	<b>OtherMethod</b> <OthrMtd>	[0..1]	Text		97
	<b>Priority</b> <Prty>	[0..1]	Text		98
	<b>Date</b> <Dt>	[0..1]	Date		98
	<b>TotalsCount</b> <TtlsCnt>	[0..1]	Quantity		98
	<b>TotalsAmount</b> <TtlsAmt>	[0..1]	Amount		98
	<b>TotalsCurrency</b> <TtlsCcy>	[0..1]	CodeSet	C2	98
	<b>TotalsCreditDebit</b> <TtlsCdtDbt>	[0..1]	CodeSet		98
	<b>InterchangeFeeAmount</b> <IntrchgngFeeAmt>	[0..1]	Amount		99
	<b>InterchangeFeeCurrency</b> <IntrchgngFeeCcy>	[0..1]	CodeSet	C2	99
	<b>InterchangeFeeCreditDebit</b> <IntrchgngFeeCdtDbt>	[0..1]	CodeSet		99
	<b>AgentFeeAmount</b> <AgtFeeAmt>	[0..1]	Amount		99
	<b>AgentFeeCurrency</b> <AgtFeeCcy>	[0..1]	CodeSet	C2	99
	<b>AgentFeeCreditDebit</b> <AgtFeeCdtDbt>	[0..1]	CodeSet		100

#### 5.4.14.1 Method <Mtd>

*Presence:* [1..1]

*Definition:* Type of clearing method used.

*Datatype:* "ClearingMethod2Code" on page 1807

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.

#### 5.4.14.2 OtherMethod <OthrMtd>

*Presence:* [0..1]

*Definition:* Other type of clearing method.

*Datatype:* "Max35Text" on page 1864

#### 5.4.14.3 Priority <Prty>

*Presence:* [0..1]

*Definition:* Level of priority of clearing.

*Datatype:* "Max35Text" on page 1864

#### 5.4.14.4 Date <Dt>

*Presence:* [0..1]

*Definition:* Date of clearing.

*Datatype:* "ISODate" on page 1854

#### 5.4.14.5 TotalsCount <TtlsCnt>

*Presence:* [0..1]

*Definition:* Number of transactions to clear.

*Datatype:* "Number" on page 1856

#### 5.4.14.6 TotalsAmount <TtlsAmt>

*Presence:* [0..1]

*Definition:* Gross clearing accumulated amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 5.4.14.7 TotalsCurrency <TtlsCcy>

*Presence:* [0..1]

*Definition:* Currency code of gross clearing accumulated amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 5.4.14.8 TotalsCreditDebit <TtlsCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the gross clearing accumulated amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 5.4.14.9 InterchangeFeeAmount <IntrchnngFeeAmt>

*Presence:* [0..1]

*Definition:* Interchange fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 5.4.14.10 InterchangeFeeCurrency <IntrchnngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 5.4.14.11 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the interchange fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 5.4.14.12 AgentFeeAmount <AgtFeeAmt>

*Presence:* [0..1]

*Definition:* Agent fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 5.4.14.13 AgentFeeCurrency <AgtFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code Gross clearing accumulated amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

Constraints

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

5.4.14.14 AgentFeeCreditDebit <AgtFeeCdtDbt>

Presence: [0..1]  
Definition: Sign of agent fee amount.  
Datatype: "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

5.4.15 ClearingControlTotals <ClrCtrlTtls>

Presence: [0..1]  
Definition: Gross amount clearing totals.

ClearingControlTotals <ClrCtrlTtls> contains the following ClearingControlTotals3 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Count <Cnt>	[1..1]	Quantity		100
	Amount <Amt>	[1..1]	Amount		100
	Currency <Ccy>	[0..1]	CodeSet	C2	100
	CreditDebit <CdtDbt>	[0..1]	CodeSet		101

5.4.15.1 Count <Cnt>

Presence: [1..1]  
Definition: Number of clearing transactions. To be used for control purpose.  
Datatype: "Number" on page 1856

5.4.15.2 Amount <Amt>

Presence: [1..1]  
Definition: Amount value.  
Datatype: "ImpliedCurrencyAndAmount" on page 1783

5.4.15.3 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 1821

#### Constraints

- **ValidationByTable**

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

#### 5.4.15.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

### 5.4.16 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		101
	<b>Target</b> <Trgt>	[0..*]	CodeSet		101
	<b>Format</b> <Frmt>	[0..1]	CodeSet		102
	<b>Value</b> <Val>	[1..1]	Text		102

#### 5.4.16.1 Recipient <Rcpt>

*Presence:* [0..1]

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

*Datatype:* "PartyType23Code" on page 1833

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.

#### 5.4.16.2 Target <Trgt>

*Presence:* [0..\*]

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

*Datatype:* "UserInterface7Code" on page 1852

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.

### 5.4.16.3 Format <Frmt>

*Presence:* [0..1]

*Definition:* Format of the additional information.

*Datatype:* "OutputFormat4Code" on page 1830

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.

### 5.4.16.4 Value <Val>

*Presence:* [1..1]

*Definition:* Content of or reference to the message.

*Datatype:* "Max20KText" on page 1862

## 5.4.17 Record <Rcrd>

*Presence:* [0..\*]

*Definition:* Record in batch.

**Record <Rcrd>** contains the following **Record3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SequenceCounter</b> <SeqCntr>	[1..1]	Quantity		105
	<b>RecordChecksumInputValue</b> <RcrdChcksmInptVal>	[0..1]	Binary		105
	<b>OriginatorIdentification</b> <OrgtrId>	[0..1]	Text		105
	<b>OriginatorAssigner</b> <OrgtrAssgnr>	[0..1]	Text		105
	<b>OriginatorCountry</b> <OrgtrCtry>	[0..1]	CodeSet		105
	<b>OriginatorShortName</b> <OrgtrShrtNm>	[0..1]	Text		105
	<b>DestinationIdentification</b> <DstnId>	[0..1]	Text		105
	<b>DestinationAssigner</b> <DstnAssgnr>	[0..1]	Text		105
	<b>DestinationCountry</b> <DstnCtry>	[0..1]	CodeSet		106
	<b>DestinationShortName</b> <DstnShrtNm>	[0..1]	Text		106
	<b>ClearingMethod</b> <ClrMtd>	[1..1]	CodeSet		106
	<b>OtherClearingMethod</b> <OthrClrMtd>	[0..1]	Text		106
	<b>ClearingPriority</b> <ClrPrty>	[0..1]	Text		106
	<b>ClearingDate</b> <ClrDt>	[0..1]	Date		106
	<b>ClearingAmount</b> <ClrAmt>	[0..1]	Amount		107
	<b>ClearingCurrency</b> <ClrCcy>	[0..1]	CodeSet	C2	107
	<b>ClearingCreditDebit</b> <ClrCdtDbt>	[0..1]	CodeSet		107
	<b>InterchangeFeeAmount</b> <IntrchgngFeeAmt>	[0..1]	Amount		107
	<b>InterchangeFeeCurrency</b> <IntrchgngFeeCcy>	[0..1]	CodeSet	C2	107
	<b>InterchangeFeeCreditDebit</b> <IntrchgngFeeCdtDbt>	[0..1]	CodeSet		108
	<b>AgentFeeAmount</b> <AgtFeeAmt>	[0..1]	Amount		108
	<b>AgentFeeCurrency</b> <AgtFeeCcy>	[0..1]	CodeSet	C2	108
	<b>AgentFeeCreditDebit</b> <AgtFeeCdtDbt>	[0..1]	CodeSet		108
	<b>OtherAmount</b> <OthrAmt>	[0..1]	±		108
	<b>RecordMessage</b> <RcrdMsg>	[1..1]			109
{Or	<b>AddendumInitiation</b> <AdddmInitn>	[1..1]	Binary		111
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		111
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		111
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		111
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		111
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		111

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		112
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		112
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		112
Or	<b>Error</b> <Err>	[1..1]	Binary		112
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		112
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		112
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		112
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		112
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		112
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		113
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		113
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		113
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		113
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		113
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		113
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		113
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		113
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		114
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		114
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		114
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		114
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		114
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		114
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		114
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmtInitn>	[1..1]	Binary		114
Or	<b>RetrievalFulfilmentResponse</b> <RtrvlFlfmtRspn>	[1..1]	Binary		114
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		115
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		115
Or	<b>SettlementReportingInitiation</b> <SttlmRptgInitn>	[1..1]	Binary		115
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		115
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		115

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		115

#### 5.4.17.1 SequenceCounter <SeqCntr>

*Presence:* [1..1]

*Definition:* Sequence counter of the record from 1 to n

*Datatype:* "Number" on page 1856

#### 5.4.17.2 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 1783

#### 5.4.17.3 OriginatorIdentification <OrgtrId>

*Presence:* [0..1]

*Definition:* Identification of the originator of the transaction.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.4 OriginatorAssigner <OrgtrAssgnr>

*Presence:* [0..1]

*Definition:* Identification of the entity assigning the originator identification.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.5 OriginatorCountry <OrgtrCtry>

*Presence:* [0..1]

*Definition:* Country of the originator.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 5.4.17.6 OriginatorShortName <OrgtrShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the originator.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.7 DestinationIdentification <DstnId>

*Presence:* [0..1]

*Definition:* Identification of the destination of the transaction.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.8 DestinationAssigner <DstnAssgnr>

*Presence:* [0..1]

*Definition:* Identification of the entity assigning the destination identification.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.9 DestinationCountry <DstnCtry>

*Presence:* [0..1]

*Definition:* Country of the destination.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 5.4.17.10 DestinationShortName <DstnShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the destination.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.11 ClearingMethod <ClrMtd>

*Presence:* [1..1]

*Definition:* Type of clearing of the transaction.

*Datatype:* "ClearingMethod2Code" on page 1807

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.

#### 5.4.17.12 OtherClearingMethod <OthrClrMtd>

*Presence:* [0..1]

*Definition:* Other type of clearing method.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.13 ClearingPriority <ClrPrty>

*Presence:* [0..1]

*Definition:* Level of priority of clearing.

*Datatype:* "Max35Text" on page 1864

#### 5.4.17.14 ClearingDate <ClrDt>

*Presence:* [0..1]

*Definition:* Date of clearing.

*Datatype:* "ISODate" on page 1854

#### 5.4.17.15 ClearingAmount <ClrAmt>

*Presence:* [0..1]

*Definition:* Net clearing amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 5.4.17.16 ClearingCurrency <ClrCcy>

*Presence:* [0..1]

*Definition:* Currency code of the net clearing amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 5.4.17.17 ClearingCreditDebit <ClrCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of net clearing amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 5.4.17.18 InterchangeFeeAmount <IntrchgngFeeAmt>

*Presence:* [0..1]

*Definition:* Interchange fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 5.4.17.19 InterchangeFeeCurrency <IntrchgngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**5.4.17.20 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>**

*Presence:* [0..1]

*Definition:* Sign of the interchange fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

**5.4.17.21 AgentFeeAmount <AgtFeeAmt>**

*Presence:* [0..1]

*Definition:* Agent fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

**5.4.17.22 AgentFeeCurrency <AgtFeeCcy>**

*Presence:* [0..1]

*Definition:* Currency code Gross clearing accumulated amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**5.4.17.23 AgentFeeCreditDebit <AgtFeeCdtDbt>**

*Presence:* [0..1]

*Definition:* Sign of agent fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

**5.4.17.24 OtherAmount <OthrAmt>**

*Presence:* [0..1]

*Definition:* Other amounts involved in clearing.



**OtherAmount <OthrAmt>** contains the following elements (see "OtherAmount5" on page 1159 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingCount <ClrCnt>	[1..1]	Quantity		1160
	ClearingAmount <ClrAmt>	[1..1]	Amount		1160
	ClearingCurrency <ClrCcy>	[0..1]	CodeSet	C2	1160
	ClearingCreditDebit <ClrCdtDbt>	[0..1]	CodeSet		1160
	InterchangeFeeAmount <IntrchgFeeAmt>	[1..1]	Amount		1161
	InterchangeFeeCurrency <IntrchgFeeCcy>	[0..1]	CodeSet	C2	1161
	InterchangeFeeCreditDebit <IntrchgFeeCdtDbt>	[0..1]	CodeSet		1161
	AgentFeeAmount <AgtFeeAmt>	[1..1]	Amount		1161
	AgentFeeCurrency <AgtFeeCcy>	[0..1]	CodeSet	C2	1161
	AgentFeeCreditDebit <AgtFeeCdtDbt>	[0..1]	CodeSet		1162

#### 5.4.17.25 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		111
Or	<b>AddendumResponse</b> <AdddmRspn>	[1..1]	Binary		111
Or	<b>Amendment</b> <Amdmnt>	[1..1]	Binary		111
Or	<b>AuthorisationInitiation</b> <AuthstnInitn>	[1..1]	Binary		111
Or	<b>AuthorisationResponse</b> <AuthstnRspn>	[1..1]	Binary		111
Or	<b>CardManagementInitiation</b> <CardMgmtInitn>	[1..1]	Binary		111
Or	<b>CardManagementResponse</b> <CardMgmtRspn>	[1..1]	Binary		112
Or	<b>ChargeBackInitiation</b> <ChrgBckInitn>	[1..1]	Binary		112
Or	<b>ChargeBackResponse</b> <ChrgBckRspn>	[1..1]	Binary		112
Or	<b>Error</b> <Err>	[1..1]	Binary		112
Or	<b>FeeCollectionInitiation</b> <FeeColltnInitn>	[1..1]	Binary		112
Or	<b>FeeCollectionResponse</b> <FeeColltnRspn>	[1..1]	Binary		112
Or	<b>FileActionInitiation</b> <FileActnInitn>	[1..1]	Binary		112
Or	<b>FileActionResponse</b> <FileActnRspn>	[1..1]	Binary		112
Or	<b>FinancialInitiation</b> <FinInitn>	[1..1]	Binary		112
Or	<b>FinancialResponse</b> <FinRspn>	[1..1]	Binary		113
Or	<b>FraudDispositionInitiation</b> <FrdDspstnInitn>	[1..1]	Binary		113
Or	<b>FraudDispositionResponse</b> <FrdDspstnRspn>	[1..1]	Binary		113
Or	<b>FraudReportingInitiation</b> <FrdRptgInitn>	[1..1]	Binary		113
Or	<b>FraudReportingResponse</b> <FrdRptgRspn>	[1..1]	Binary		113
Or	<b>InquiryInitiation</b> <NqryInitn>	[1..1]	Binary		113
Or	<b>InquiryResponse</b> <NqryRspn>	[1..1]	Binary		113
Or	<b>KeyExchangeInitiation</b> <KeyXchgInitn>	[1..1]	Binary		113
Or	<b>KeyExchangeResponse</b> <KeyXchgRspn>	[1..1]	Binary		114
Or	<b>NetworkManagementInitiation</b> <NtwkMgmtInitn>	[1..1]	Binary		114
Or	<b>NetworkManagementResponse</b> <NtwkMgmtRspn>	[1..1]	Binary		114
Or	<b>ReconciliationInitiation</b> <RcncltnInitn>	[1..1]	Binary		114
Or	<b>ReconciliationResponse</b> <RcncltnRspn>	[1..1]	Binary		114
Or	<b>RetrievalInitiation</b> <RtrvlInitn>	[1..1]	Binary		114
Or	<b>RetrievalResponse</b> <RtrvlRspn>	[1..1]	Binary		114
Or	<b>RetrievalFulfilmentInitiation</b> <RtrvlFlfmltnInitn>	[1..1]	Binary		114

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
Or	<b>RetrievalFulfilmentResponse</b> <RtrvFlfmltRspn>	[1..1]	Binary		114
Or	<b>ReversalInitiation</b> <RvslInitn>	[1..1]	Binary		115
Or	<b>ReversalResponse</b> <RvslRspn>	[1..1]	Binary		115
Or	<b>SettlementReportingInitiation</b> <SttlmRptglnitn>	[1..1]	Binary		115
Or	<b>SettlementReportingResponse</b> <SttlmRptgRspn>	[1..1]	Binary		115
Or	<b>VerificationInitiation</b> <VrfctnInitn>	[1..1]	Binary		115
Or}	<b>VerificationResponse</b> <VrfctnRspn>	[1..1]	Binary		115

#### 5.4.17.25.1 AddendumInitiation <AdddmInitn>

*Presence:* [1..1]

*Definition:* Addendum initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 5.4.17.25.2 AddendumResponse <AdddmRspn>

*Presence:* [1..1]

*Definition:* Addendum response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 5.4.17.25.3 Amendment <Amdmnt>

*Presence:* [1..1]

*Definition:* Amendment message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 5.4.17.25.4 AuthorisationInitiation <AuthstnInitn>

*Presence:* [1..1]

*Definition:* Authorisation initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 5.4.17.25.5 AuthorisationResponse <AuthstnRspn>

*Presence:* [1..1]

*Definition:* Authorisation response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### 5.4.17.25.6 CardManagementInitiation <CardMgmtInitn>

*Presence:* [1..1]

*Definition:* Card management initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.7 CardManagementResponse <CardMgmtRspn>**

*Presence:* [1..1]

*Definition:* Card management response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.8 ChargeBackInitiation <ChrgBckInitn>**

*Presence:* [1..1]

*Definition:* Chargeback initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.9 ChargeBackResponse <ChrgBckRspn>**

*Presence:* [1..1]

*Definition:* Chargeback response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.10 Error <Err>**

*Presence:* [1..1]

*Definition:* Error message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.11 FeeCollectionInitiation <FeeColltnInitn>**

*Presence:* [1..1]

*Definition:* Fee collection initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.12 FeeCollectionResponse <FeeColltnRspn>**

*Presence:* [1..1]

*Definition:* Fee collection response message record

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.13 FileActionInitiation <FileActnInitn>**

*Presence:* [1..1]

*Definition:* File action initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.14 FileActionResponse <FileActnRspn>**

*Presence:* [1..1]

*Definition:* File action response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.15 FinancialInitiation <FinInitn>**

*Presence:* [1..1]

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*Definition:* Financial initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.16 FinancialResponse <FinRspn>**

*Presence:* [1..1]

*Definition:* Financial response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.17 FraudDispositionInitiation <FrdDspstnInitn>**

*Presence:* [1..1]

*Definition:* Fraud disposition initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.18 FraudDispositionResponse <FrdDspstnRspn>**

*Presence:* [1..1]

*Definition:* Fraud disposition response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.19 FraudReportingInitiation <FrdRptgInitn>**

*Presence:* [1..1]

*Definition:* Fraud reporting initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.20 FraudReportingResponse <FrdRptgRspn>**

*Presence:* [1..1]

*Definition:* Fraud reporting response record message.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.21 InquiryInitiation <NqryInitn>**

*Presence:* [1..1]

*Definition:* Inquiry initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.22 InquiryResponse <NqryRspn>**

*Presence:* [1..1]

*Definition:* Inquiry response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.23 KeyExchangeInitiation <KeyXchgInitn>**

*Presence:* [1..1]

*Definition:* Key exchange initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.24 KeyExchangeResponse <KeyXchgRspn>**

*Presence:* [1..1]

*Definition:* Key exchange response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.25 NetworkManagementInitiation <NtwkMgmtInitn>**

*Presence:* [1..1]

*Definition:* Network management initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.26 NetworkManagementResponse <NtwkMgmtRspn>**

*Presence:* [1..1]

*Definition:* Network management response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.27 ReconciliationInitiation <RcncltnInitn>**

*Presence:* [1..1]

*Definition:* Reconciliation initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.28 ReconciliationResponse <RcncltnRspn>**

*Presence:* [1..1]

*Definition:* Reconciliation response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.29 RetrievalInitiation <RtrvlInitn>**

*Presence:* [1..1]

*Definition:* Retrieval initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.30 RetrievalResponse <RtrvlRspn>**

*Presence:* [1..1]

*Definition:* Retrieval response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.31 RetrievalFulfilmentInitiation <RtrvlFlfmtInitn>**

*Presence:* [1..1]

*Definition:* Retrieval fulfilment initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.32 RetrievalFulfilmentResponse <RtrvlFlfmtRspn>**

*Presence:* [1..1]

*Definition:* Retrieval fulfilment response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.33 ReversalInitiation <RvslInitn>**

*Presence:* [1..1]

*Definition:* Reversal initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.34 ReversalResponse <RvslRspn>**

*Presence:* [1..1]

*Definition:* Reversal response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.35 SettlementReportingInitiation <SttlmRptgInitn>**

*Presence:* [1..1]

*Definition:* Settlement reporting initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.36 SettlementReportingResponse <SttlmRptgRspn>**

*Presence:* [1..1]

*Definition:* Settlement reporting response message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.37 VerificationInitiation <VrfctnInitn>**

*Presence:* [1..1]

*Definition:* Verification initiation message record.

*Datatype:* "Max2MBBinary" on page 1784

#### **5.4.17.25.38 VerificationResponse <VrfctnRspn>**

*Presence:* [1..1]

*Definition:* Verification response message record.

*Datatype:* "Max2MBBinary" on page 1784

### **5.4.18 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		116
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		116

#### 5.4.18.1 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 1854):

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

#### 5.4.18.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 5.4.19 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService** <SttlmSvc> contains the following elements (see ["SettlementService6"](#) on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739



## 5.4.20 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 ["Reconciliation4"](#) on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 5.4.21 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code defined in ISO 8583.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 5.4.22 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of processing.

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult23"](#) on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

## 5.4.23 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 5.4.24 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 5.4.25 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 5.4.26 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 6 caad.005.001.04 ReconciliationInitiationV04

### 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 ReconciliationInitiationV04 MessageDefinition is composed of 26 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. ReconciliationFunction  
Type of reconciliation.
- C. ReconciliationActivityType  
A code to indicate the activity type to be reconciled.
- D. OtherReconciliationActivityType  
Other reconciliation activity type defined at private or national level
- E. ReconciliationType  
Type of reconciliation.
- F. OtherReconciliationType  
Other type of reconciliation.
- G. RequestedCurrency  
Requested currency by the acceptor.  
  
ISO 4217
- H. Originator  
Identifies the originator of the transaction.
- I. Sender  
Party sending the message to another intermediary agent or to the final destination.
- J. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- K. Destination  
Identifies the destination of the transaction.

- L. Programme  
Programme, network, or brand processes the transaction.
- M. SystemTraceAuditNumber  
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)
- N. TransmissionDateTime  
Date and time expressed in UTC of the message as sent by the initiator.
- O. RetrievalReferenceNumber  
A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.
- P. LifeCycleIdentification  
Transaction lifecycle identification
- Q. ReconciliationTotals  
Totals of the reconciliation.
- R. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.
- S. SettlementService  
Type of settlement service for specific services requiring settlement.
- T. AdditionalFee  
Fees not included in the transaction amount.
- U. Reconciliation  
Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- V. AdditionalData  
Contains additional data.
- W. ProcessingResult  
Outcome of the processing of the authorisation
- X. ProtectedData  
Contains protected data and the attributes used to protect the data.
- Y. SupplementaryData  
Additional information that can not be captured in the structured fields and/or other specific block.
- Z. SecurityTrailer  
Trailer of the message containing a MAC

## 6.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RcncltnInitt>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		123
	<b>ReconciliationFunction</b> <RcncltnFctn>	[1..1]	CodeSet		124
	<b>ReconciliationActivityType</b> <RcncltnActvtyTp>	[0..1]	CodeSet		124
	<b>OtherReconciliationActivityType</b> <OthrRcncltnActvtyTp>	[0..1]	Text		125
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		125
	<b>OtherReconciliationType</b> <OthrRcncltnTp>	[0..1]	Text		125
	<b>RequestedCurrency</b> <ReqdCcy>	[0..*]	Text		125
	<b>Originator</b> <Orgtr>	[0..1]	±		125
	<b>Sender</b> <Sndr>	[0..1]	±		126
	<b>Receiver</b> <Rcvr>	[0..1]	±		126
	<b>Destination</b> <Dstn>	[0..1]	±		127
	<b>Programme</b> <Prgrmm>	[0..*]	±		127
	<b>SystemTraceAuditNumber</b> <SysTracAuditNb>	[0..1]	Text		128
	<b>TransmissionDateTime</b> <TrnsmssnDtTm>	[0..1]	DateTime		128
	<b>RetrievalReferenceNumber</b> <RtrvlRefNb>	[0..1]	Text		128
	<b>LifeCycleIdentification</b> <LifeCyclId>	[0..1]	Text		128
	<b>ReconciliationTotals</b> <RcncltnTtls>	[0..*]			128
	<b>Identification</b> <Id>	[0..1]	Text		129
	<b>Date</b> <Dt>	[0..1]	Date		129
	<b>CheckpointReference</b> <ChckptRef>	[0..1]	Text		129
	<b>Financial</b> <Fin>	[0..*]	±		129
	<b>Message</b> <Msg>	[0..*]	±		130
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		130
	<b>Currency</b> <Ccy>	[1..1]	Text		130
	<b>Amount</b> <Amt>	[1..1]	Amount		131
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		131
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			131
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		131
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		131

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		131
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		132
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		133
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		133
	<b>ProcessingResult</b> <PrccgRslt>	[0..1]	±		134
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		134
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	134
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		135

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 6.4.2 ReconciliationFunction <RcncltnFctn>

*Presence:* [1..1]

*Definition:* Type of reconciliation.

*Datatype:* "ReconciliationFunction1Code" on page 1841

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

## 6.4.3 ReconciliationActivityType <RcncltnActvtyTp>

*Presence:* [0..1]

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

*Datatype:* "ReconciliationActivityType1Code" on page 1840

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



## 6.4.4 OtherReconciliationActivityType <OthrRcncltnActvtyTp>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 6.4.5 ReconciliationType <RcncltnTp>

*Presence:* [1..1]

*Definition:* Type of reconciliation.

*Datatype:* "CardServiceType4Code" on page 1805

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

## 6.4.6 OtherReconciliationType <OthrRcncltnTp>

*Presence:* [0..1]

*Definition:* Other type of reconciliation.

*Datatype:* "Max35Text" on page 1864

## 6.4.7 RequestedCurrency <ReqdCcy>

*Presence:* [0..\*]

*Definition:* Requested currency by the acceptor.

ISO 4217

*Datatype:* "Exact3NumericText" on page 1858

## 6.4.8 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 6.4.9 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 6.4.10 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 6.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 6.4.12 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 6.4.13 SystemTraceAuditNumber <SysTracAudtNb>

*Presence:* [0..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)

*Datatype:* "Max12NumericText" on page 1860

### 6.4.14 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

### 6.4.15 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.

*Datatype:* "Exact12Text" on page 1857

### 6.4.16 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

### 6.4.17 ReconciliationTotals <RcncltnTtls>

*Presence:* [0..\*]

*Definition:* Totals of the reconciliation.

**ReconciliationTotals <RcncltnTtls>** contains the following **TransactionTotals14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	Text		129
	<b>Date</b> <Dt>	[0..1]	Date		129
	<b>CheckpointReference</b> <ChckptRef>	[0..1]	Text		129
	<b>Financial</b> <Fin>	[0..*]	±		129
	<b>Message</b> <Msg>	[0..*]	±		130
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		130
	<b>Currency</b> <Ccy>	[1..1]	Text		130
	<b>Amount</b> <Amt>	[1..1]	Amount		131
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		131

#### 6.4.17.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the reconciliation.

*Datatype:* "Max35Text" on page 1864

#### 6.4.17.2 Date <Dt>

*Presence:* [0..1]

*Definition:* Date of the reconciliation.

*Datatype:* "ISODate" on page 1854

#### 6.4.17.3 CheckpointReference <ChckptRef>

*Presence:* [0..1]

*Definition:* A value used to allow a period within a reconciliation date.

*Datatype:* "Max35Text" on page 1864

#### 6.4.17.4 Financial <Fin>

*Presence:* [0..\*]

*Definition:* Total of credit transactions.

**Financial <Fin>** contains the following elements (see ["FinancialReconciliation3"](#) on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Impact <Impct>	[1..1]	CodeSet		1695
	Type <Tp>	[1..1]	CodeSet		1696
	OtherType <OthrTp>	[0..1]	Text		1696
	Amount <Amt>	[1..1]	Amount		1696
	Count <Cnt>	[1..1]	Quantity		1696

#### 6.4.17.5 Message <Msg>

*Presence:* [0..\*]

*Definition:* Contains total message count.

**Message <Msg>** contains the following elements (see ["MessageReconciliation3"](#) on page 1692 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1692
	OtherType <OthrTp>	[0..1]	Text		1693
	Count <Cnt>	[1..1]	Quantity		1694

#### 6.4.17.6 AdditionalFeeReconciliation <AddtlFeeRcncltn>

*Presence:* [0..\*]

*Definition:* Contains additional fee reconciliation data.

**AdditionalFeeReconciliation <AddtlFeeRcncltn>** contains the following elements (see ["AdditionalFeeReconciliation3"](#) on page 1694 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Impact <Impct>	[1..1]	CodeSet		1694
	Type <Tp>	[1..1]	CodeSet		1694
	OtherType <OthrTp>	[0..1]	Text		1695
	Amount <Amt>	[1..1]	Amount		1695
	Count <Cnt>	[1..1]	Quantity		1695

#### 6.4.17.7 Currency <Ccy>

*Presence:* [1..1]

*Definition:* Currency of the transaction.

*Datatype:* ["Min2Max3NumericText"](#) on page 1868

### 6.4.17.8 Amount <Amt>

*Presence:* [1..1]

*Definition:* Net amount of reconciliation.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

### 6.4.17.9 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the net reconciliation amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

## 6.4.18 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		131
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		131

### 6.4.18.1 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 1854):

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

### 6.4.18.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 6.4.19 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 6.4.20 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 6.4.21 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 6.4.22 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData2](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 6.4.23 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation

**ProcessingResult <PrcgRslt>** contains the following elements (see "[ProcessingResult26](#)" on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1745
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1745
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1745
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1746
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1746
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1746
	ResponseCode <RspnCd>	[0..1]	CodeSet		1746
	AdditionalInformation <AddtlInf>	[0..*]	±		1746

## 6.4.24 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 6.4.25 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 6.4.26 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 7 caad.006.001.04 ReconciliationResponseV04

## 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 ReconciliationResponseV04 MessageDefinition is composed of 27 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. ReconciliationFunction  
Type of reconciliation.
- C. ReconciliationActivityType  
A code to indicate the activity type to be reconciled.
- D. OtherReconciliationActivityType  
Other reconciliation activity type defined at private or national level
- E. ReconciliationType  
Type of reconciliation.
- F. OtherReconciliationType  
Other type of reconciliation.
- G. RequestedCurrency  
Requested currency by the acceptor.  
  
ISO 4217
- H. Originator  
Identifies the originator of the transaction.
- I. Sender  
Party sending the message to another intermediary agent or to the final destination.
- J. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme  
Programme, network, or brand processes the transaction.
- M. SystemTraceAuditNumber

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)

N. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

O. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

P. LifeCycleIdentification

Transaction lifecycle identification

Q. ReconciliationTotals

Totals of the reconciliation.

R. Jurisdiction

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

S. SettlementService

Type of settlement service for specific services requiring settlement.

T. AdditionalFee

Fees not included in the transaction amount.

U. Reconciliation

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

V. AdditionalData

Contains additional data.

W. ProcessingResult

Outcome of the processing.

X. OriginalResponseCode

Original Response code.

Y. ProtectedData

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

Z. SupplementaryData

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

A. SecurityTrailer

A. 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]	±		139
	<b>ReconciliationFunction</b> <RcncltnFctn>	[1..1]	CodeSet		140
	<b>ReconciliationActivityType</b> <RcncltnActvtyTp>	[0..1]	CodeSet		140
	<b>OtherReconciliationActivityType</b> <OthrRcncltnActvtyTp>	[0..1]	Text		141
	<b>ReconciliationType</b> <RcncltnTp>	[1..1]	CodeSet		141
	<b>OtherReconciliationType</b> <OthrRcncltnTp>	[0..1]	Text		141
	<b>RequestedCurrency</b> <ReqdCcy>	[0..*]	Text		141
	<b>Originator</b> <Orgtr>	[0..1]	±		141
	<b>Sender</b> <Sndr>	[0..1]	±		142
	<b>Receiver</b> <Rcvr>	[0..1]	±		142
	<b>Destination</b> <Dstn>	[0..1]	±		143
	<b>Programme</b> <Prgrmm>	[0..*]	±		143
	<b>SystemTraceAuditNumber</b> <SysTracAudtNb>	[0..1]	Text		144
	<b>TransmissionDateTime</b> <TrnsmssnDtTm>	[0..1]	DateTime		144
	<b>RetrievalReferenceNumber</b> <RtrvlRefNb>	[0..1]	Text		144
	<b>LifeCycleIdentification</b> <LifeCyclId>	[0..1]	Text		144
	<b>ReconciliationTotals</b> <RcncltnTtls>	[0..*]			144
	<b>Identification</b> <Id>	[0..1]	Text		145
	<b>Date</b> <Dt>	[0..1]	Date		145
	<b>CheckpointReference</b> <ChckptRef>	[0..1]	Text		145
	<b>Financial</b> <Fin>	[0..*]	±		145
	<b>Message</b> <Msg>	[0..*]	±		146
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		146
	<b>Currency</b> <Ccy>	[1..1]	Text		146
	<b>Amount</b> <Amt>	[1..1]	Amount		147
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		147
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			147
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		147
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		147

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		147
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		148
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		149
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		149
	<b>ProcessingResult</b> <PrccgRslt>	[1..1]	±		150
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		150
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		150
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	151
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		151

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 7.4.2 ReconciliationFunction <RcncltnFctn>

*Presence:* [1..1]

*Definition:* Type of reconciliation.

*Datatype:* "ReconciliationFunction1Code" on page 1841

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

## 7.4.3 ReconciliationActivityType <RcncltnActvtyTp>

*Presence:* [0..1]

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

*Datatype:* "ReconciliationActivityType1Code" on page 1840

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



## 7.4.4 OtherReconciliationActivityType <OthrRcncltnActvtyTp>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 7.4.5 ReconciliationType <RcncltnTp>

*Presence:* [1..1]

*Definition:* Type of reconciliation.

*Datatype:* "CardServiceType4Code" on page 1805

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

## 7.4.6 OtherReconciliationType <OthrRcncltnTp>

*Presence:* [0..1]

*Definition:* Other type of reconciliation.

*Datatype:* "Max35Text" on page 1864

## 7.4.7 RequestedCurrency <ReqdCcy>

*Presence:* [0..\*]

*Definition:* Requested currency by the acceptor.

ISO 4217

*Datatype:* "Exact3NumericText" on page 1858

## 7.4.8 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 7.4.9 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 7.4.10 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 7.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 7.4.12 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 7.4.13 SystemTraceAuditNumber <SysTracAudtNb>

*Presence:* [0..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)

*Datatype:* "Max12NumericText" on page 1860

### 7.4.14 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

### 7.4.15 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.

*Datatype:* "Exact12Text" on page 1857

### 7.4.16 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

### 7.4.17 ReconciliationTotals <RcncltnTtls>

*Presence:* [0..\*]

*Definition:* Totals of the reconciliation.

**ReconciliationTotals <RcncltnTtls>** contains the following **TransactionTotals14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[0..1]	Text		145
	<b>Date</b> <Dt>	[0..1]	Date		145
	<b>CheckpointReference</b> <ChckptRef>	[0..1]	Text		145
	<b>Financial</b> <Fin>	[0..*]	±		145
	<b>Message</b> <Msg>	[0..*]	±		146
	<b>AdditionalFeeReconciliation</b> <AddtlFeeRcncltn>	[0..*]	±		146
	<b>Currency</b> <Ccy>	[1..1]	Text		146
	<b>Amount</b> <Amt>	[1..1]	Amount		147
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		147

#### 7.4.17.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the reconciliation.

*Datatype:* "Max35Text" on page 1864

#### 7.4.17.2 Date <Dt>

*Presence:* [0..1]

*Definition:* Date of the reconciliation.

*Datatype:* "ISODate" on page 1854

#### 7.4.17.3 CheckpointReference <ChckptRef>

*Presence:* [0..1]

*Definition:* A value used to allow a period within a reconciliation date.

*Datatype:* "Max35Text" on page 1864

#### 7.4.17.4 Financial <Fin>

*Presence:* [0..\*]

*Definition:* Total of credit transactions.

**Financial <Fin>** contains the following elements (see ["FinancialReconciliation3"](#) on page 1695 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Impact <Impct>	[1..1]	CodeSet		1695
	Type <Tp>	[1..1]	CodeSet		1696
	OtherType <OthrTp>	[0..1]	Text		1696
	Amount <Amt>	[1..1]	Amount		1696
	Count <Cnt>	[1..1]	Quantity		1696

#### 7.4.17.5 Message <Msg>

*Presence:* [0..\*]

*Definition:* Contains total message count.

**Message <Msg>** contains the following elements (see ["MessageReconciliation3"](#) on page 1692 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1692
	OtherType <OthrTp>	[0..1]	Text		1693
	Count <Cnt>	[1..1]	Quantity		1694

#### 7.4.17.6 AdditionalFeeReconciliation <AddtlFeeRcncltn>

*Presence:* [0..\*]

*Definition:* Contains additional fee reconciliation data.

**AdditionalFeeReconciliation <AddtlFeeRcncltn>** contains the following elements (see ["AdditionalFeeReconciliation3"](#) on page 1694 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Impact <Impct>	[1..1]	CodeSet		1694
	Type <Tp>	[1..1]	CodeSet		1694
	OtherType <OthrTp>	[0..1]	Text		1695
	Amount <Amt>	[1..1]	Amount		1695
	Count <Cnt>	[1..1]	Quantity		1695

#### 7.4.17.7 Currency <Ccy>

*Presence:* [1..1]

*Definition:* Currency of the transaction.

*Datatype:* ["Min2Max3NumericText"](#) on page 1868

### 7.4.17.8 Amount <Amt>

*Presence:* [1..1]

*Definition:* Net amount of reconciliation.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

### 7.4.17.9 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the net reconciliation amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

## 7.4.18 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		147
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		147

### 7.4.18.1 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 1854):

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

### 7.4.18.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 7.4.19 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 7.4.20 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 7.4.21 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 7.4.22 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 7.4.23 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing.

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult23"](#) on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

## 7.4.24 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 7.4.25 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 7.4.26 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 7.4.27 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 8 caad.007.001.04 ErrorV04

### 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 ErrorV04 MessageDefinition is composed of 19 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. Originator

Identifies the originator of the transaction.

C. Sender

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

D. Receiver

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

E. Destination

Identifies the destination of the transaction.

F. SystemTraceAuditNumber

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)

G. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

H. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

I. LifeCycleIdentification

Transaction lifecycle identification

J. OriginalMessage

Original request that caused the party to reject it.

K. ErrorDetail

Error detail information.

L. Jurisdiction

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

M. SettlementService

Type of settlement service for specific services requiring settlement.

N. AdditionalFee

Fees not included in the transaction amount.

O. Reconciliation

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

P. AdditionalData

Contains additional data.

Q. ProtectedData

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

R. SupplementaryData

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

S. 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]	±		155
	<b>Originator</b> <Orgtr>	[0..1]	±		155
	<b>Sender</b> <Sndr>	[0..1]	±		156
	<b>Receiver</b> <Rcvr>	[0..1]	±		156
	<b>Destination</b> <Dstn>	[0..1]	±		156
	<b>SystemTraceAuditNumber</b> <SysTracAudtNb>	[1..1]	Text		157
	<b>TransmissionDateTime</b> <TrnsmssnDtTm>	[1..1]	DateTime		157
	<b>RetrievalReferenceNumber</b> <RtrvlRefNb>	[0..1]	Text		157
	<b>LifeCycleIdentification</b> <LifeCyclId>	[0..1]	Text		157
	<b>OriginalMessage</b> <OrgnlMsg>	[0..1]	Binary		157
	<b>ErrorDetail</b> <ErrDtl>	[0..*]	±		158
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			158
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		158
	<b>DomesticQualification</b> <DmstQlfcnt>	[0..1]	Text		158
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		158
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		159
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		160
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		160
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		161
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	161
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		161

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmsnCntnr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 8.4.2 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 8.4.3 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 8.4.4 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 8.4.5 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.



**Destination <Dstn>** contains the following elements (see ["PartyIdentification286" on page 1621](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 8.4.6 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)

*Datatype:* ["Max12NumericText" on page 1860](#)

## 8.4.7 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* ["ISODateTime" on page 1854](#)

## 8.4.8 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.

*Datatype:* ["Exact12Text" on page 1857](#)

## 8.4.9 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* ["Exact15Text" on page 1857](#)

## 8.4.10 OriginalMessage <OrgnlMsg>

*Presence:* [0..1]

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

*Datatype:* ["Max100KBinary" on page 1783](#)

## 8.4.11 ErrorDetail <ErrDtl>

*Presence:* [0..\*]

*Definition:* Error detail information.

**ErrorDetail <ErrDtl>** contains the following elements (see "ErrorDetails3" on page 1534 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1534
	OtherType <OthrTp>	[0..1]	Text		1535
	Code <Cd>	[0..1]	Text		1535
	Description <Desc>	[0..1]	Text		1535
	DataElementInError <DataElmtInErr>	[0..*]	Text		1535

## 8.4.12 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		158
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		158

### 8.4.12.1 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 1854):

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

### 8.4.12.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 8.4.13 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 8.4.14 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 8.4.15 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 8.4.16 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 8.4.17 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 8.4.18 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 8.4.19 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 9 caad.008.001.02 AdministrativeInitiationV02

### 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 AdministrativeInitiationV02 MessageDefinition is composed of 46 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. AdministrativeType

Code that identifies an administrative type.

C. OtherAdministrativeType

Other administrative type defined at private or national level.

D. MessageReason

Reason or purpose to send the message.

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

E. AlternateMessageReason

Supports message reason codes that are not defined in external code list.

F. TextMessage

Contains generic text message.

G. LocalData

Additional Information in local language.

H. TransactionDescription

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

I. Originator

Identifies the originator of the transaction.

J. Acquirer

Identification of the acquirer.

K. Sender

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

L. Card

Card or payment token performing the transaction.

M. Receiver

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

N. Issuer

Information related to the issuer.

O. Destination

Identifies the destination of the transaction.

P. Programme

Programme, network, or brand processes the transaction.

Q. TransactionIdentification

Identification of the transaction.

R. ConversionDateTime

Date and Time of currency conversion.

S. ExchangeRate

Further detailed information on the exchange rates that have been used in or are related to the transaction.

T. Acceptor

Card acceptor performing the card transaction.

U. Terminal

Payment terminal or ATM performing the transaction.

V. POIComponent

Data related to the components of the POI (Point Of Interaction) performing the transactions.

W. Context

Contains or describes conditions and characteristics of the transaction.

X. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Y. Payer

The party providing source of funds.

Z. Payee

The party receiving funds.



- A Token
  - A. Details of payment token.
- AB CustomerDevice
  - Identification of the customer device performing the transaction.
- AC Wallet
  - Container for tenders used by the customer to perform the payment transaction.
- A Cardholder
  - D. Cardholder performing the card payment transaction.
- AE Customer
  - Information about the customer.
- AF Verification
  - Contain validation result and/or data to be validated.
- A Risk
  - G. Context of risk associated with the transaction.
- A SpecialProgrammeQualification
  - H. Data to qualify for incentive or other related programmes.
- AI. Instalment
  - Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.
- AJ. AdditionalService
  - Additional functions or services to be performed in conjunction with the transaction.
- A Jurisdiction
  - K. Contains information that identifies or is specific to a transaction jurisdiction.
- AL SettlementService
  - Type of settlement service for specific services requiring settlement.
- A AdditionalFee
  - M. Fees not included in the transaction amount.
- A Reconciliation
  - N. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- A ProcessingResult
  - O. Outcome of the processing of the authorisation.
- AP OriginalTransaction
  - Contains details of the original transaction.
- A AdditionalData
  - Q. Contains additional data.

AR ProtectedData

- Contains protected data and the attributes used to protect the data.

AS SupplementaryData

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

AT SecurityTrailer

- Trailer of the message containing a MAC.

## 9.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AdmstvInitr>	[1..1]			
	Header <Hdr>	[1..1]	±		169
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		170
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		170
	MessageReason <MsgRsn>	[0..*]	CodeSet		170
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		170
	TextMessage <TxtMsg>	[0..1]	Text		170
	LocalData <LclData>	[0..*]	±		170
	TransactionDescription <TxDesc>	[0..1]	Text		171
	Originator <Orgtr>	[0..1]	±		171
	Acquirer <Acqrr>	[1..1]	±		171
	Sender <Sndr>	[0..1]	±		172
	Card <Card>	[0..1]	±		172
	Receiver <Rcvr>	[0..1]	±		173
	Issuer <Issr>	[0..1]	±		174
	Destination <Dstn>	[0..1]	±		174
	Programme <Prgrmm>	[0..1]	±		174
	TransactionIdentification <TxId>	[0..1]	±		175
	ConversionDateTime <ConvsDtTm>	[0..1]	±		175
	ExchangeRate <XchgRate>	[0..*]			176
	Provider <Prvdr>	[0..1]	Text		176
	Identification <Id>	[0..1]	Text		176
	Date <Dt>	[0..1]	Date		176
	Time <Tm>	[0..1]	Time		177
	EndPoint <EndPt>	[0..1]	CodeSet		177
	OtherEndPoint <OthrEndPt>	[0..1]	Text		177
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	177
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	177
	Rate <Rate>	[0..1]	Rate		178
	RateType <RateTp>	[0..1]	CodeSet		178

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		178
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		178
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		179
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		179
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		179
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		179
	<b>Acceptor</b> <Accptr>	[0..1]	±		179
	<b>Terminal</b> <Termnl>	[0..1]	±		181
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		183
	<b>Context</b> <Cntxt>	[1..1]	±		183
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		186
	<b>Payer</b> <Pyer>	[0..1]	±		186
	<b>Payee</b> <Pyee>	[0..1]	±		187
	<b>Token</b> <Tkn>	[0..1]	±		188
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		189
	<b>Wallet</b> <Wlft>	[0..1]	±		190
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		191
	<b>Customer</b> <Cstmr>	[0..1]	±		192
	<b>Verification</b> <Vrfctn>	[0..*]	±		193
	<b>Risk</b> <Rsk>	[0..*]	±		194
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		194
	<b>Instalment</b> <Instlmt>	[0..1]	±		194
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		194
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			195
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		195
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		195
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		195
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		196
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		197
	<b>ProcessingResult</b> <PrpgRslt>	[0..1]	±		197
	<b>OriginalTransaction</b> <OrgnlTx>	[0..*]	±		198

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		200
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		201
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	201
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		201

## 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 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.

## 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 ["Header71"](#) on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrctclVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 9.4.2 AdministrativeType <AdmstvTp>

*Presence:* [1..1]  
*Definition:* Code that identifies an administrative type.  
*Datatype:* "AdministrativeType1Code" on page 1793

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.

### 9.4.3 OtherAdministrativeType <OthrAdmstvTp>

*Presence:* [0..1]  
*Definition:* Other administrative type defined at private or national level.  
*Datatype:* "Max35Text" on page 1864

### 9.4.4 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 1821

### 9.4.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]  
*Definition:* Supports message reason codes that are not defined in external code list.  
*Datatype:* "Max256Text" on page 1863

### 9.4.6 TextMessage <TxtMsg>

*Presence:* [0..1]  
*Definition:* Contains generic text message.  
*Datatype:* "Max20KText" on page 1862

### 9.4.7 LocalData <LclData>

*Presence:* [0..\*]  
*Definition:* Additional Information in local language.

**LocalData <LclData>** contains the following elements (see "LocalData17" on page 1521 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1521
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1521
	TextMessage <TxtMsg>	[1..1]	Text		1522

## 9.4.8 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 1858

## 9.4.9 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 9.4.10 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 9.4.11 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 9.4.12 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.



**Card <Card>** contains the following elements (see "[CardData11](#)" on page 1205 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1205
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208

## 9.4.13 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 9.4.14 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 9.4.15 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 9.4.16 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode4](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIdId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

## 9.4.17 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification56](#)" on page 1708 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1708
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1709
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1709
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1709
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1709
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1710
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1710
	AssociatedData <AssocdtdData>	[0..1]	Indicator		1710
	AssociatedDataReference <AssocdtdDataRef>	[0..1]	Text		1710
	AssociatedDataDestination <AssocdtdDataDstn>	[0..1]	Text		1710

## 9.4.18 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "[DateTime2](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 9.4.19 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate <XchgRate>** contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		176
	<b>Identification</b> <Id>	[0..1]	Text		176
	<b>Date</b> <Dt>	[0..1]	Date		176
	<b>Time</b> <Tm>	[0..1]	Time		177
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		177
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		177
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	177
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	177
	<b>Rate</b> <Rate>	[0..1]	Rate		178
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		178
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		178
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		178
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		179
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		179
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		179
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		179

### 9.4.19.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

### 9.4.19.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the specific rate, table or file that contains the rate information.

*Datatype:* "Max70Text" on page 1867

### 9.4.19.3 Date <Dt>

*Presence:* [0..1]

*Definition:* The date the exchange rate data is effective.

*Datatype:* "ISODate" on page 1854

#### 9.4.19.4 Time <Tm>

*Presence:* [0..1]

*Definition:* The time the exchange rate data is effective.

*Datatype:* "ISOTime" on page 1869

#### 9.4.19.5 EndPoint <EndPt>

*Presence:* [0..1]

*Definition:* Identifies the party to which this detail applies.

*Datatype:* "Endpoint1Code" on page 1810

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.

#### 9.4.19.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined endpoint.

*Datatype:* "Max35Text" on page 1864

#### 9.4.19.7 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 1821

##### Constraints

- **ValidationByTable**

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

#### 9.4.19.8 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 1821

**Constraints**

- **ValidationByTable**

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

**9.4.19.9 Rate <Rate>**

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

**9.4.19.10 RateType <RateTp>**

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

**9.4.19.11 OtherRateType <OthrRateTp>**

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864

**9.4.19.12 AgreementType <AgrmtTp>**

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

CodeName	Name	Definition
SPOT	Spot	Spot agreement exchange rate type.

#### 9.4.19.13 OtherAgreementType <OthrAgrmtTp>

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

#### 9.4.19.14 RateLockRequested <RateLckReqd>

*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 1854):

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

#### 9.4.19.15 RateLockEligible <RateLckElgbl>

*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 1854):

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

#### 9.4.19.16 RateLockApplied <RateLckApld>

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

### 9.4.20 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptr>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648



## 9.4.21      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

## 9.4.22 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

## 9.4.23 Context <Cntxt>

*Presence:* [1..1]

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

**Context <Cntxt>** contains the following elements (see "Context19" on page 1586 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1589
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1589
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1589
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1590
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1590
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1590
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1591
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1591
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1591
	Transit <Trnst>	[0..1]	Indicator		1591
	Attended <Attndd>	[0..1]	Indicator		1592
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1592
	ECommerce <EComrc>	[0..1]	Indicator		1592
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1592
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1592
	ECommerceData <EComrcData>	[0..*]			1593
	Type <Tp>	[1..1]	Text		1593
	Value <Val>	[1..1]	Text		1593
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1593
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1593
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1593
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1594
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1594
	NoShow <NoShow>	[0..1]	Indicator		1594
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1594
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1595
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1595
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1595
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1596
	SplitPayment <Spltpmt>	[0..1]	Indicator		1596
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1596
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1596
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1597
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1597
	StorageLocation <StorgLctn>	[0..1]	Text		1598
	PaymentCredentialMerchantRelationship <PmtCrntlMrchntRltsh>	[0..1]	Indicator		1598
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1598
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1598
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1598
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1599
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1599
	MagneticStripeFallback <MgntcStrpFllbck>	[0..1]	Indicator		1599
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1599
	CaptureDate <CaptrDt>	[0..1]	Date		1599
	DateAnticipated <DtAntcptd>	[0..1]	Date		1600
	ECRIdentification <ECRIId>	[0..1]	Text		1600
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1600
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1600
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1600
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1601
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1601
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1601
	ReceiptRequest <RctReq>	[0..1]	Indicator		1602
	ReceiptType <RctTp>	[0..*]	CodeSet		1602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReceiptDestination <RctDstn>	[0..1]	Text		1602
	AdditionalData <AddtlData>	[0..*]	±		1602

## 9.4.24 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 1859

## 9.4.25 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 9.4.26 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 9.4.27 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.



**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 9.4.28 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 9.4.29 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 9.4.30 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

### 9.4.31 Customer <Cstmr>

*Presence:* [0..1]

*Definition:* Information about the customer.

**Customer <Cstmr>** contains the following elements (see "Customer4" on page 1665 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1665
	ReferenceNumber <RefNb>	[0..1]	Text		1665
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1666
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1666
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1666
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1666
	VIIndicator <VIPInd>	[0..1]	Indicator		1666
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1666

## 9.4.32 Verification <Vrfctn>

*Presence:* [0..\*]

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

**Verification <Vrfctn>** contains the following elements (see "Verification6" on page 1778 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <RsIt>	[0..1]	CodeSet		1782
	OtherResult <OthrRsIt>	[0..1]	Text		1782
	ResultDetails <RsItDtls>	[0..*]	±		1782

### 9.4.33 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

### 9.4.34 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 9.4.35 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

### 9.4.36 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 1231](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 9.4.37 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		195
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		195

### 9.4.37.1 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 1854](#)):

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

### 9.4.37.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text" on page 1864](#)

## 9.4.38 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService5](#)" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

## 9.4.39 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 9.4.40 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 9.4.41 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

## 9.4.42 OriginalTransaction <OrgnlTx>

*Presence:* [0..\*]

*Definition:* Contains details of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "OriginalTransaction3" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCharacteristics <TxChrtcs>	[0..1]	±		1490
	Originator <Orgtr>	[0..1]	±		1491
	Acquirer <Acqrr>	[0..1]	±		1491
	Sender <Sndr>	[0..1]	±		1492
	Card <Card>	[1..1]	±		1492
	AccountFrom <AcctFr>	[0..1]	±		1493
	AccountTo <AcctTo>	[0..1]	±		1493
	Receiver <Rcvr>	[0..1]	±		1494
	Issuer <Issr>	[0..1]	±		1494
	Destination <Dstr>	[0..1]	±		1495
	Programme <Prgrmm>	[0..1]	±		1495
	TransactionIdentification <TxId>	[0..1]	±		1495
	ConversionDateTime <ConvDtTm>	[0..1]	±		1496
	ExchangeRate <XchgRate>	[0..*]			1496
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAmounts <TxAmts>	[0..1]	±		1500
	AdditionalAmount <AddtlAmt>	[0..*]	±		1501
	Acceptor <Accptr>	[0..1]	±		1501
	Terminal <Termnl>	[0..1]	±		1503
	POIComponent <POICmpnt>	[0..*]	±		1505
	Context <Cntxt>	[0..1]	±		1505
	Payer <Pyer>	[0..1]	±		1508
	Payee <Pyee>	[0..1]	±		1509
	Token <Tkn>	[0..1]	±		1510
	CustomerDevice <CstmrDvc>	[0..1]	±		1511
	Wallet <Wlt>	[0..1]	±		1512
	Cardholder <Crhdldr>	[0..1]	±		1513
	Verification <Vrfctn>	[0..*]	±		1514
	Risk <Rsk>	[0..*]	±		1515
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1515
	AdditionalService <AddtlSvc>	[0..*]	±		1515
	FundsServices <FndsSvcs>	[0..1]	±		1516
	DepositDetails <DpstDtls>	[0..*]	±		1516
	Jurisdiction <Jursdctn>	[0..1]			1517
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517
	SettlementService <SttlmSvc>	[0..1]	±		1517
	AdditionalFee <AddtlFee>	[0..*]	±		1518
	Reconciliation <Rcncltn>	[0..1]	±		1519
	DisputeData <DsptData>	[0..*]	±		1519
	Documentation <Dcmnttn>	[0..*]	±		1520
	ProcessingResult <PrcgRslt>	[0..1]	±		1520

### 9.4.43 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 9.4.44 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 9.4.45 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 9.4.46 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 10 caad.009.001.02 AdministrativeResponseV02

## 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 AdministrativeResponseV02 MessageDefinition is composed of 46 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. AdministrativeType

Code that identifies an administrative type.

C. OtherAdministrativeType

Other administrative type defined at private or national level.

D. MessageReason

Reason or purpose to send the message.

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

E. AlternateMessageReason

Supports message reason codes that are not defined in external code list.

F. TextMessage

Contains generic text message.

G. LocalData

Additional Information in local language.

H. TransactionDescription

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

I. Originator

Identifies the originator of the transaction.

J. Acquirer

Identification of the acquirer.

K. Sender

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

L. Card

Card or payment token performing the transaction.

M. Receiver

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

N. Issuer

Information related to the issuer.

O. Destination

Identifies the destination of the transaction.

P. Programme

Programme, network, or brand processes the transaction.

Q. TransactionIdentification

Identification of the transaction.

R. ConversionDateTime

Date and Time of currency conversion.

S. ExchangeRate

Further detailed information on the exchange rates that have been used in or are related to the transaction.

T. Acceptor

Card acceptor performing the card transaction.

U. Terminal

Payment terminal or ATM performing the transaction.

V. POIComponent

Data related to the components of the POI (Point Of Interaction) performing the transactions.

W. Context

Contains or describes conditions and characteristics of the transaction.

X. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

ISO 8583 bit 55

Y. Payer

The party providing source of funds.

Z. Payee

The party receiving funds.



- A Token
  - A. Details of payment token.
- AB CustomerDevice
  - Identification of the customer device performing the transaction.
- AC Wallet
  - Container for tenders used by the customer to perform the payment transaction.
- A Cardholder
  - D. Cardholder performing the card payment transaction.
- AE Customer
  - Information about the customer.
- AF Verification
  - Contain validation result and/or data to be validated.
- A Risk
  - G. Context of risk associated with the transaction.
- A SpecialProgrammeQualification
  - H. Data to qualify for incentive or other related programmes.
- AI. Instalment
  - Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.
- AJ. AdditionalService
  - Additional functions or services to be performed in conjunction with the transaction.
- A Jurisdiction
  - K. Contains information that identifies or is specific to a transaction jurisdiction.
- AL SettlementService
  - Type of settlement service for specific services requiring settlement.
- A AdditionalFee
  - M. Fees not included in the transaction amount.
- A Reconciliation
  - N. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- A ProcessingResult
  - O. Outcome of the processing of the authorisation.
- AP OriginalTransaction
  - Contains details of the original transaction.
- A AdditionalData
  - Q. Contains additional data.

AR ProtectedData

- Contains protected data and the attributes used to protect the data.

AS SupplementaryData

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

AT SecurityTrailer

- Trailer of the message containing a MAC.

## 10.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AdmstvRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		209
	AdministrativeType <AdmstvTp>	[1..1]	CodeSet		210
	OtherAdministrativeType <OthrAdmstvTp>	[0..1]	Text		210
	MessageReason <MsgRsn>	[0..*]	CodeSet		210
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		210
	TextMessage <TxtMsg>	[0..1]	Text		210
	LocalData <LclData>	[0..*]	±		210
	TransactionDescription <TxDesc>	[0..1]	Text		211
	Originator <Orgtr>	[0..1]	±		211
	Acquirer <Acqrr>	[1..1]	±		211
	Sender <Sndr>	[0..1]	±		212
	Card <Card>	[0..1]	±		212
	Receiver <Rcvr>	[0..1]	±		213
	Issuer <Issr>	[0..1]	±		214
	Destination <Dstn>	[0..1]	±		214
	Programme <Pgrmm>	[0..1]	±		214
	TransactionIdentification <TxId>	[0..1]	±		215
	ConversionDateTime <ConvsDtTm>	[0..1]	±		215
	ExchangeRate <XchgRate>	[0..*]			216
	Provider <Prvdr>	[0..1]	Text		216
	Identification <Id>	[0..1]	Text		216
	Date <Dt>	[0..1]	Date		216
	Time <Tm>	[0..1]	Time		217
	EndPoint <EndPt>	[0..1]	CodeSet		217
	OtherEndPoint <OthrEndPt>	[0..1]	Text		217
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	217
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	217
	Rate <Rate>	[0..1]	Rate		218
	RateType <RateTp>	[0..1]	CodeSet		218

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		218
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		218
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		219
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		219
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		219
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		219
	<b>Acceptor</b> <Accptr>	[0..1]	±		219
	<b>Terminal</b> <Termnl>	[0..1]	±		221
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		223
	<b>Context</b> <Cntxt>	[1..1]	±		223
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		226
	<b>Payer</b> <Pyer>	[0..1]	±		226
	<b>Payee</b> <Pyee>	[0..1]	±		227
	<b>Token</b> <Tkn>	[0..1]	±		228
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		229
	<b>Wallet</b> <Wlft>	[0..1]	±		230
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		231
	<b>Customer</b> <Cstmr>	[0..1]	±		232
	<b>Verification</b> <Vrfctn>	[0..*]	±		233
	<b>Risk</b> <Rsk>	[0..*]	±		234
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		234
	<b>Instalment</b> <Instlmt>	[0..1]	±		234
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		234
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			235
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		235
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		235
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		235
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		236
	<b>Reconciliation</b> <Rcncltn>	[1..1]	±		237
	<b>ProcessingResult</b> <PrpgRslt>	[1..1]	±		237
	<b>OriginalTransaction</b> <OrgnlTx>	[0..*]	±		238

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		240
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		241
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	241
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		241

## 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 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.

## 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 ["Header71"](#) on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrctclVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 10.4.2 AdministrativeType <AdmstvTp>

*Presence:* [1..1]

*Definition:* Code that identifies an administrative type.

*Datatype:* "AdministrativeType1Code" on page 1793

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.

## 10.4.3 OtherAdministrativeType <OthrAdmstvTp>

*Presence:* [0..1]

*Definition:* Other administrative type defined at private or national level.

*Datatype:* "Max35Text" on page 1864

## 10.4.4 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 1821

## 10.4.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

## 10.4.6 TextMessage <TxtMsg>

*Presence:* [0..1]

*Definition:* Contains generic text message.

*Datatype:* "Max20KText" on page 1862

## 10.4.7 LocalData <LclData>

*Presence:* [0..\*]

*Definition:* Additional Information in local language.

**LocalData <LclData>** contains the following elements (see "[LocalData9](#)" on page 1533 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1534
	TextMessage <TxtMsg>	[1..1]	Text		1534

## 10.4.8 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 1858

## 10.4.9 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 10.4.10 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 10.4.11 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 10.4.12 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.



**Card <Card>** contains the following elements (see "[CardData11](#)" on page 1205 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1205
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208

### 10.4.13 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 10.4.14 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 10.4.15 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 10.4.16 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode4](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIdId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

## 10.4.17 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification56](#)" on page 1708 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1708
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1709
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1709
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1709
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1709
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1710
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1710
	AssociatedData <AssocdtdData>	[0..1]	Indicator		1710
	AssociatedDataReference <AssocdtdDataRef>	[0..1]	Text		1710
	AssociatedDataDestination <AssocdtdDataDstn>	[0..1]	Text		1710

## 10.4.18 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "[DateTime2](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 10.4.19 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate <XchgRate>** contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		216
	<b>Identification</b> <Id>	[0..1]	Text		216
	<b>Date</b> <Dt>	[0..1]	Date		216
	<b>Time</b> <Tm>	[0..1]	Time		217
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		217
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		217
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	217
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	217
	<b>Rate</b> <Rate>	[0..1]	Rate		218
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		218
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		218
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		218
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		219
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		219
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		219
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		219

### 10.4.19.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

### 10.4.19.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the specific rate, table or file that contains the rate information.

*Datatype:* "Max70Text" on page 1867

### 10.4.19.3 Date <Dt>

*Presence:* [0..1]

*Definition:* The date the exchange rate data is effective.

*Datatype:* "ISODate" on page 1854

#### 10.4.19.4 Time <Tm>

*Presence:* [0..1]

*Definition:* The time the exchange rate data is effective.

*Datatype:* "ISOTime" on page 1869

#### 10.4.19.5 EndPoint <EndPt>

*Presence:* [0..1]

*Definition:* Identifies the party to which this detail applies.

*Datatype:* "Endpoint1Code" on page 1810

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.

#### 10.4.19.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined endpoint.

*Datatype:* "Max35Text" on page 1864

#### 10.4.19.7 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 1821

##### Constraints

- **ValidationByTable**

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

#### 10.4.19.8 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 1821

**Constraints**

- **ValidationByTable**

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

**10.4.19.9 Rate <Rate>**

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

**10.4.19.10 RateType <RateTp>**

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

**10.4.19.11 OtherRateType <OthrRateTp>**

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864

**10.4.19.12 AgreementType <AgrmtTp>**

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

CodeName	Name	Definition
SPOT	Spot	Spot agreement exchange rate type.

#### 10.4.19.13 OtherAgreementType <OthrAgrmtTp>

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

#### 10.4.19.14 RateLockRequested <RateLckReqd>

*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 1854):

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

#### 10.4.19.15 RateLockEligible <RateLckElgbl>

*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 1854):

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

#### 10.4.19.16 RateLockApplied <RateLckApld>

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

### 10.4.20 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptr>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648



## 10.4.21      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

## 10.4.22 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

## 10.4.23 Context <Cntxt>

*Presence:* [1..1]

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

**Context <Cntxt>** contains the following elements (see "Context19" on page 1586 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1589
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1589
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1589
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1590
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1590
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1590
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1591
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1591
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1591
	Transit <Trnst>	[0..1]	Indicator		1591
	Attended <Attndd>	[0..1]	Indicator		1592
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1592
	ECommerce <EComrc>	[0..1]	Indicator		1592
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1592
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1592
	ECommerceData <EComrcData>	[0..*]			1593
	Type <Tp>	[1..1]	Text		1593
	Value <Val>	[1..1]	Text		1593
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1593
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1593
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1593
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1594
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1594
	NoShow <NoShow>	[0..1]	Indicator		1594
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1594
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1595
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1595
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1595
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1596
	SplitPayment <Spltpmt>	[0..1]	Indicator		1596
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1596
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1596
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1597
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1597
	StorageLocation <StorgLctn>	[0..1]	Text		1598
	PaymentCredentialMerchantRelationship <PmtCrntlMrchntRltsh>	[0..1]	Indicator		1598
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1598
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1598
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1598
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1599
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1599
	MagneticStripeFallback <MgntrcStrpFllbck>	[0..1]	Indicator		1599
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1599
	CaptureDate <CaptrDt>	[0..1]	Date		1599
	DateAnticipated <DtAntcptd>	[0..1]	Date		1600
	ECRIdentification <ECRIId>	[0..1]	Text		1600
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1600
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1600
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1600
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1601
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1601
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1601
	ReceiptRequest <RctReq>	[0..1]	Indicator		1602
	ReceiptType <RctTp>	[0..*]	CodeSet		1602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReceiptDestination <RctDstn>	[0..1]	Text		1602
	AdditionalData <AddtlData>	[0..*]	±		1602

## 10.4.24 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 1859

## 10.4.25 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 10.4.26 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 10.4.27 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.



**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 10.4.28 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdld>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 10.4.29 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 10.4.30 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

### 10.4.31 Customer <Cstmr>

*Presence:* [0..1]

*Definition:* Information about the customer.

**Customer <Cstmr>** contains the following elements (see "[Customer4](#)" on page 1665 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1665
	ReferenceNumber <RefNb>	[0..1]	Text		1665
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1666
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1666
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1666
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1666
	VIIndicator <VIPInd>	[0..1]	Indicator		1666
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1666

### 10.4.32 Verification <Vrfctn>

*Presence:* [0..\*]

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

**Verification <Vrfctn>** contains the following elements (see "[Verification6](#)" on page 1778 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <RsIt>	[0..1]	CodeSet		1782
	OtherResult <OthrRsIt>	[0..1]	Text		1782
	ResultDetails <RsItDtls>	[0..*]	±		1782

### 10.4.33 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

### 10.4.34 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 10.4.35 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

### 10.4.36 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 1231](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

### 10.4.37 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		235
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		235

#### 10.4.37.1 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 1854](#)):

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

#### 10.4.37.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text" on page 1864](#)

### 10.4.38 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService5" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

### 10.4.39 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 10.4.40 Reconciliation <Rcncltn>

*Presence:* [1..1]

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

**Reconciliation <Rcncltn>** contains the following elements (see "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 10.4.41 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

## 10.4.42 OriginalTransaction <OrgnlTx>

*Presence:* [0..\*]

*Definition:* Contains details of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "OriginalTransaction3" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCharacteristics <TxChrtcs>	[0..1]	±		1490
	Originator <Orgtr>	[0..1]	±		1491
	Acquirer <Acqrr>	[0..1]	±		1491
	Sender <Sndr>	[0..1]	±		1492
	Card <Card>	[1..1]	±		1492
	AccountFrom <AcctFr>	[0..1]	±		1493
	AccountTo <AcctTo>	[0..1]	±		1493
	Receiver <Rcvr>	[0..1]	±		1494
	Issuer <Issr>	[0..1]	±		1494
	Destination <Dstr>	[0..1]	±		1495
	Programme <Prgrmm>	[0..1]	±		1495
	TransactionIdentification <TxId>	[0..1]	±		1495
	ConversionDateTime <ConvDtTm>	[0..1]	±		1496
	ExchangeRate <XchgRate>	[0..*]			1496
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAmounts <TxAmts>	[0..1]	±		1500
	AdditionalAmount <AddtlAmt>	[0..*]	±		1501
	Acceptor <Accptr>	[0..1]	±		1501
	Terminal <Termnl>	[0..1]	±		1503
	POIComponent <POICmpnt>	[0..*]	±		1505
	Context <Cntxt>	[0..1]	±		1505
	Payer <Pyer>	[0..1]	±		1508
	Payee <Pyee>	[0..1]	±		1509
	Token <Tkn>	[0..1]	±		1510
	CustomerDevice <CstmrDvc>	[0..1]	±		1511
	Wallet <Wlt>	[0..1]	±		1512
	Cardholder <Crhdldr>	[0..1]	±		1513
	Verification <Vrfctn>	[0..*]	±		1514
	Risk <Rsk>	[0..*]	±		1515
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1515
	AdditionalService <AddtlSvc>	[0..*]	±		1515
	FundsServices <FndsSvcs>	[0..1]	±		1516
	DepositDetails <DpstDtls>	[0..*]	±		1516
	Jurisdiction <Jursdctn>	[0..1]			1517
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517
	SettlementService <SttlmSvc>	[0..1]	±		1517
	AdditionalFee <AddtlFee>	[0..*]	±		1518
	Reconciliation <Rcncltn>	[0..1]	±		1519
	DisputeData <DsptData>	[0..*]	±		1519
	Documentation <Dcmnttn>	[0..*]	±		1520
	ProcessingResult <PrcgRslt>	[0..1]	±		1520

### 10.4.43 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

#### 10.4.44 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

#### 10.4.45 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

##### 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.

#### 10.4.46 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 11 caad.010.001.02 CustomReportV02

## 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 CustomReportV02 MessageDefinition is composed of 15 MessageBuildingBlocks:

- A. Header  
Information related to protocol management.
- B. Originator  
Identifies the originator of the transaction.
- C. Sender  
Party sending the message to another intermediary agent or to the final destination.
- D. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- E. Destination  
Identifies the destination of the transaction.
- F. Programme  
Programme, network, or brand processes the transaction.
- G. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.
- H. SettlementService  
Type of settlement service for specific services requiring settlement.
- I. Reconciliation  
Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- J. Correction  
Identifies that is a corrected version of a report that was previously sent.
- K. Report  
Specifies the attributes of a report and its content.
- L. ReportContent

Contains the content of a report.

M. AdditionalData

Additional report attributes or information.

N. SupplementaryData

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

O. 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]	±		246
	<b>Originator</b> <Orgtr>	[0..1]	±		247
	<b>Sender</b> <Sndr>	[0..1]	±		247
	<b>Receiver</b> <Rcvr>	[0..1]	±		247
	<b>Destination</b> <Dstn>	[0..1]	±		248
	<b>Programme</b> <Prgrmm>	[0..*]	±		248
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			249
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		249
	<b>DomesticQualification</b> <DmstQlfcnt>	[0..1]	Text		249
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		249
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		250
	<b>Correction</b> <Crrctn>	[0..1]			250
	<b>Indicator</b> <Ind>	[0..1]	Indicator		251
	<b>Date</b> <Dt>	[0..1]	Date		251
	<b>Time</b> <Tm>	[0..1]	Time		251
	<b>Report</b> <Rpt>	[1..1]			251
	<b>Name</b> <Nm>	[0..1]	Text		252
	<b>Identification</b> <Id>	[0..1]	Text		252
	<b>Qualifier</b> <Qlfr>	[0..1]	Text		252
	<b>Date</b> <Dt>	[0..1]	Date		252
	<b>Time</b> <Tm>	[0..1]	Time		252
	<b>Sequence</b> <Seq>	[0..1]	Text		252
	<b>TotalOccurrences</b> <TtlOcrncs>	[0..1]	Text		252
	<b>Frequency</b> <Frqcy>	[0..1]	CodeSet		252
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		253
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		253
	<b>Format</b> <Frmt>	[0..1]	CodeSet		253
	<b>OtherFormat</b> <OthrFrmt>	[0..1]	Text		254
	<b>ReportContent</b> <RptCntt>	[0..*]			254

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReportLineSequence</b> <RptLineSeq>	[0..1]	Text		255
	<b>FormattedContent</b> <FrmtdCntt>	[1..1]			255
{Or	<b>Text</b> <Txt>	[1..1]	Text		255
Or	<b>Binary</b> <Binry>	[1..1]	Binary		255
Or}	<b>ProtectedData</b> <PrctcdData>	[1..1]	±		255
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		255
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	256
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		256

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrctclVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 11.4.2 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 11.4.3 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 11.4.4 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 11.4.5 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 11.4.6 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 11.4.7 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		249
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		249

### 11.4.7.1 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 1854):

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

### 11.4.7.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

## 11.4.8 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6"](#) on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 11.4.9 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 ["Reconciliation4"](#) on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 11.4.10 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		251
	<b>Date</b> <Dt>	[0..1]	Date		251
	<b>Time</b> <Tm>	[0..1]	Time		251

**11.4.10.1 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 1854):

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

**11.4.10.2 Date <Dt>***Presence:* [0..1]*Definition:* Contains the date of the update.*Datatype:* "[ISODate](#)" on page 1854**11.4.10.3 Time <Tm>***Presence:* [0..1]*Definition:* Contains the time of the update.*Datatype:* "[ISOTime](#)" on page 1869**11.4.11 Report <Rpt>***Presence:* [1..1]*Definition:* Specifies the attributes of a report and its content.**Report <Rpt>** contains the following **ReportData7** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Name</b> <Nm>	[0..1]	Text		252
	<b>Identification</b> <Id>	[0..1]	Text		252
	<b>Qualifier</b> <Qlfr>	[0..1]	Text		252
	<b>Date</b> <Dt>	[0..1]	Date		252
	<b>Time</b> <Tm>	[0..1]	Time		252
	<b>Sequence</b> <Seq>	[0..1]	Text		252
	<b>TotalOccurrences</b> <TtlOcrncs>	[0..1]	Text		252
	<b>Frequency</b> <Frqcy>	[0..1]	CodeSet		252
	<b>ContinuationIndicator</b> <ConttnInd>	[0..1]	Indicator		253
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		253
	<b>Format</b> <Frmt>	[0..1]	CodeSet		253
	<b>OtherFormat</b> <OthrFrmt>	[0..1]	Text		254

#### 11.4.11.1 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the report.

*Datatype:* "Max140Text" on page 1860

#### 11.4.11.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Report identification.

*Datatype:* "Max140Text" on page 1860

#### 11.4.11.3 Qualifier <Qlfr>

*Presence:* [0..1]

*Definition:* Additional specific information to ID (Country, Service, etc.)

*Datatype:* "Max70Text" on page 1867

#### 11.4.11.4 Date <Dt>

*Presence:* [0..1]

*Definition:* Date of the report.

*Datatype:* "ISODate" on page 1854

#### 11.4.11.5 Time <Tm>

*Presence:* [0..1]

*Definition:* Time of the report.

*Datatype:* "ISOTime" on page 1869

#### 11.4.11.6 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 1866

#### 11.4.11.7 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 1866

#### 11.4.11.8 Frequency <Frqcy>

*Presence:* [0..1]

*Definition:* Report frequency.

*Datatype:* "Frequency17Code" on page 1816



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.
ADHO	Adhoc	Event takes place on request or as necessary.
SHFT	Shift	Event associated with a shift.
ODMD	OnDemand	Event takes place on demand.

#### 11.4.11.9 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 1854):

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

#### 11.4.11.10 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional report attributes or information.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 11.4.11.11 Format <Frmt>

*Presence:* [0..1]

*Definition:* Report format.

*Datatype:* ["OutputFormat5Code"](#) on page 1831

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.

#### 11.4.11.12 OtherFormat <OthrFrmt>

*Presence:* [0..1]

*Definition:* Other report format defined by national organization or by bi-lateral agreement.

*Datatype:* "Max35Text" on page 1864

### 11.4.12 ReportContent <RptCntt>

*Presence:* [0..\*]

*Definition:* Contains the content of a report.

**ReportContent <RptCntt>** contains the following **ReportContent2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ReportLineSequence</b> <RptLineSeq>	[0..1]	Text		255
	<b>FormattedContent</b> <FrmtdCntt>	[1..1]			255
{Or	<b>Text</b> <Txt>	[1..1]	Text		255
Or	<b>Binary</b> <Binry>	[1..1]	Binary		255
Or}	<b>ProtectedData</b> <PrctcdData>	[1..1]	±		255

#### 11.4.12.1 ReportLineSequence <RptLineSeq>

*Presence:* [0..1]

*Definition:* Sequence number of the report line in the report.

*Datatype:* "Max10NumericText" on page 1860

#### 11.4.12.2 FormattedContent <FrmtdCntt>

*Presence:* [1..1]

*Definition:* Formatted or unformatted report content.

**FormattedContent <FrmtdCntt>** contains one of the following **ReportContent2Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Text</b> <Txt>	[1..1]	Text		255
Or	<b>Binary</b> <Binry>	[1..1]	Binary		255
Or}	<b>ProtectedData</b> <PrctcdData>	[1..1]	±		255

##### 11.4.12.2.1 Text <Txt>

*Presence:* [1..1]

*Definition:* Report content in text format.

*Datatype:* "Max10MbText" on page 1859

##### 11.4.12.2.2 Binary <Binry>

*Presence:* [1..1]

*Definition:* BASE-64 encoded report content.

*Datatype:* "Max20MbBinary" on page 1784

##### 11.4.12.2.3 ProtectedData <PrctcdData>

*Presence:* [1..1]

*Definition:* Encrypted report content.

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

#### 11.4.13 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional report attributes or information.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData2](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 11.4.14 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 11.4.15 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 12      **cafc.001.001.03**

## **FeeCollectionInitiationV03**

### 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 FeeCollectionInitiationV03 MessageDefinition is composed of 29 MessageBuildingBlocks:

- A. Header
  - Information related to the protocol management.
  - ISO 8583 MTI
- B. TransactionCharacteristics
  - Contains the key data elements of the transaction.
- C. Originator
  - Identifies the originator of the transaction.
- D. Acquirer
  - Identification of the acquirer.
- E. Sender
  - Party sending the message to another intermediary agent or to the final destination.
- F. Card
  - Card or payment token performing the transaction.
- G. Receiver
  - Party receiving the message from the origin or from an intermediary agent.
- H. Issuer
  - Information related to the issuer.
- I. Destination
  - Identifies the destination of the transaction.
- J. Programme
  - Programme, network, or brand processes the transaction.
- K. TransactionIdentification
  - Identification of the transaction.
- L. ConversionDateTime
  - Date and Time of currency conversion.

- 
- M. Acceptor
    - Card acceptor performing the card transaction.
  - N. Context
    - Context of the reversal transaction.
  - O. TransactionAmounts
    - Amounts of the card transaction.
  - P. AdditionalAmount
    - Amounts that are not part of the transaction amount and not included in reconciliation.
  - Q. OriginalDataElements
    - Data elements contained in the original message.
  - R. FeeCollectionReference
    - Reference for the Fee Collection.
  - S. Token
    - Details of payment token.
  - T. SpecialProgrammeQualification
    - Data to qualify for incentive or other related programmes.
  - U. Jurisdiction
    - Contains information that identifies or is specific to a transaction jurisdiction.
  - V. SettlementService
    - Type of settlement service for specific services requiring settlement.
  - W. AdditionalFee
    - Fees not included in the transaction amount.
  - X. Reconciliation
    - Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
  - Y. ProcessingResult
    - Outcome of the processing of the authorisation.
  - Z. ProtectedData
    - Contains protected data and the attributes used to protect the data.
  - A SupplementaryData
    - A. Additional information that can not be captured in the structured fields and/or other specific block.
  - AB SecurityTrailer
    - Trailer of the message containing a MAC
  - AC AdditionalData
    - Contains additional data.

## 12.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FeeColltnInitn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		260
	<b>TransactionCharacteristics</b> <TxChrtcs>	[0..1]			261
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		261
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		262
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		262
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		262
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		262
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		262
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		262
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		262
	<b>Originator</b> <Orgtr>	[0..1]	±		263
	<b>Acquirer</b> <Acqrr>	[1..1]	±		263
	<b>Sender</b> <Sndr>	[0..1]	±		264
	<b>Card</b> <Card>	[0..1]	±		264
	<b>Receiver</b> <Rcvr>	[0..1]	±		264
	<b>Issuer</b> <Issr>	[0..1]	±		265
	<b>Destination</b> <Dstn>	[0..1]	±		265
	<b>Programme</b> <Prgrmm>	[0..1]	±		266
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		266
	<b>ConversionDateTime</b> <ConvstDtTm>	[0..1]	±		267
	<b>Acceptor</b> <Accptr>	[0..1]	±		268
	<b>Context</b> <Cntxt>	[0..1]	±		268
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		269
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		269
	<b>OriginalDataElements</b> <OrgnlDataElmts>	[0..1]	±		270
	<b>FeeCollectionReference</b> <FeeColltnRef>	[0..1]	±		270
	<b>Token</b> <Tkn>	[0..1]	±		271
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcntn>	[0..*]	±		271
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			272

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		272
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		272
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		272
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		273
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		274
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		274
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		275
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	275
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		276
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		276

## 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 ["Header71"](#) on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 12.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		261
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		262
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		262
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		262
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		262
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		262
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		262
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		262

### 12.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* ["ISO8583TransactionTypeCode"](#) on page 1822

#### 12.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 12.4.2.3 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 12.4.2.4 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 1821

#### 12.4.2.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 12.4.2.6 FeeCollectionCycle <FeeColltnCycl>

*Presence:* [0..1]

*Definition:* Indicates the Fee Collection cycle.

*Datatype:* "Exact1NumericText" on page 1857

#### 12.4.2.7 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

#### 12.4.2.8 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 12.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 12.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 12.4.5 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 "[PartyIdentification286](#)" on [page 1621](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 12.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData14](#)" on [page 1196](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1196
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1196
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1196
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1197

## 12.4.7 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 12.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 12.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 12.4.10 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 12.4.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

## 12.4.12 ConversionDateTime <ConvDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvSdtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 12.4.13 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 12.4.14 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the reversal transaction.



**Context <Cntxt>** contains the following elements (see "Context22" on page 1563 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1563
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1563
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1563
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1563
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1564
	NoShow <NoShow>	[0..1]	Indicator		1564
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1564
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1564
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1564
	AdditionalData <AddtlData>	[0..*]	±		1565

## 12.4.15 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

## 12.4.16 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 "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 12.4.17 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctr>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

## 12.4.18 FeeCollectionReference <FeeColltnRef>

*Presence:* [0..1]

*Definition:* Reference for the Fee Collection.

**FeeCollectionReference <FeeColltnRef>** contains the following elements (see "FeeCollectionReference2" on page 1458 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1458
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1458
	Identification <Id>	[1..*]			1458
	Type <Tp>	[0..1]	Text		1459
	Identification <Id>	[1..1]	Text		1459

## 12.4.19 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 12.4.20 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "[SpecialProgrammeQualification2](#)" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 12.4.21 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		272
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		272

### 12.4.21.1 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 1854):

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

### 12.4.21.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "[Max35Text](#)" on page 1864

## 12.4.22 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 12.4.23 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 12.4.24 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 12.4.25 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "[ProcessingResult26](#)" on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1745
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1745
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1745
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1746
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1746
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1746
	ResponseCode <RspnCd>	[0..1]	CodeSet		1746
	AdditionalInformation <AddtlInf>	[0..*]	±		1746

## 12.4.26 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 12.4.27 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

**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.

## 12.4.28 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 12.4.29 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData2](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603



# 13      **cafc.002.001.03**

## **FeeCollectionResponseV03**

### 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 FeeCollectionResponseV03 MessageDefinition is composed of 29 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

ISO 8583 MTI

B. TransactionCharacteristics

Contains the key data elements of the transaction.

C. Originator

Identifies the originator of the transaction.

D. Acquirer

Identification of the acquirer.

E. Sender

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

F. Card

Card or payment token performing the transaction.

G. Receiver

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

H. Issuer

Information related to the issuer.

I. Destination

Identifies the destination of the transaction.

J. Programme

Programme, network, or brand processes the transaction.

K. TransactionIdentification

Identification of the transaction.

L. ConversionDateTime

Date and Time of currency conversion.

M. Acceptor

Card acceptor performing the card transaction.

N. Context

Context of the reversal transaction.

O. TransactionAmounts

Amounts of the card transaction.

P. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

Q. OriginalDataElements

Data elements contained in the original message.

R. FeeCollectionReference

Reference for the Fee Collection.

S. Token

Details of payment token.

T. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

U. Jurisdiction

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

V. SettlementService

Type of settlement service for specific services requiring settlement.

W. AdditionalFee

Fees not included in the transaction amount.

X. Reconciliation

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

Y. ProcessingResult

Outcome of the processing of the authorisation.

Z. AdditionalData

Contains additional data.

A ProtectedData

A. Contains protected data and the attributes used to protect the data.

AB SupplementaryData

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

AC SecurityTrailer

· Trailer of the message containing a MAC

## 13.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FeeColltnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		280
	TransactionCharacteristics <TxChrtcs>	[0..1]			281
	TransactionType <TxTp>	[0..1]	CodeSet		281
	TransactionSubType <TxSubTp>	[0..1]	Text		282
	Cancellation <Cxl>	[0..1]	Indicator		282
	MessageReason <MsgRsn>	[0..*]	CodeSet		282
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		282
	FeeCollectionCycle <FeeColltnCycl>	[0..1]	Text		282
	TransactionDescription <TxDesc>	[0..1]	Text		282
	AdditionalData <AddtlData>	[0..*]	±		282
	Originator <Orgtr>	[0..1]	±		283
	Acquirer <Acqrr>	[1..1]	±		283
	Sender <Sndr>	[0..1]	±		284
	Card <Card>	[0..1]	±		284
	Receiver <Rcvr>	[0..1]	±		284
	Issuer <Issr>	[0..1]	±		285
	Destination <Dstn>	[0..1]	±		285
	Programme <Prgrmm>	[0..1]	±		286
	TransactionIdentification <TxId>	[1..1]	±		286
	ConversionDateTime <ConvstDtTm>	[0..1]	±		287
	Acceptor <Accptr>	[0..1]	±		288
	Context <Cntxt>	[0..1]	±		288
	TransactionAmounts <TxAmts>	[1..1]	±		289
	AdditionalAmount <AddtlAmt>	[0..*]	±		289
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		290
	FeeCollectionReference <FeeColltnRef>	[0..1]	±		290
	Token <Tkn>	[0..1]	±		291
	SpecialProgrammeQualification <SpclPrgrmmQlfcntn>	[0..*]	±		291
	Jurisdiction <Jursdctn>	[0..1]			292

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		292
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		292
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		292
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		293
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		294
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		294
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		295
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		295
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	295
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		296

## 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 ["Header71"](#) on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 13.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics4** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		281
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		282
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		282
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		282
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		282
	<b>FeeCollectionCycle</b> <FeeColltnCycl>	[0..1]	Text		282
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		282
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		282

### 13.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* ["ISO8583TransactionTypeCode"](#) on page 1822

### 13.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 13.4.2.3 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

### 13.4.2.4 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 1821

### 13.4.2.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

### 13.4.2.6 FeeCollectionCycle <FeeColltnCycl>

*Presence:* [0..1]

*Definition:* Indicates the Fee Collection cycle.

*Datatype:* "Exact1NumericText" on page 1857

### 13.4.2.7 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

### 13.4.2.8 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 13.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 13.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 13.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 13.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData14](#)" on page 1196 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1196
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1196
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1196
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1197

## 13.4.7 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 13.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 13.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 13.4.10 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 13.4.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

### 13.4.12 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDdtm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 13.4.13 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

### 13.4.14 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the reversal transaction.

**Context <Cntxt>** contains the following elements (see "Context22" on page 1563 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1563
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1563
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1563
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1563
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1564
	NoShow <NoShow>	[0..1]	Indicator		1564
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1564
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1564
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1564
	AdditionalData <AddtlData>	[0..*]	±		1565

### 13.4.15 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

### 13.4.16 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 "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

### 13.4.17 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctr>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

### 13.4.18 FeeCollectionReference <FeeColltnRef>

*Presence:* [0..1]

*Definition:* Reference for the Fee Collection.

**FeeCollectionReference <FeeColltnRef>** contains the following elements (see "FeeCollectionReference2" on page 1458 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1458
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1458
	Identification <Id>	[1..*]			1458
	Type <Tp>	[0..1]	Text		1459
	Identification <Id>	[1..1]	Text		1459

### 13.4.19 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 13.4.20 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "[SpecialProgrammeQualification2](#)" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 13.4.21 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		292
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		292

### 13.4.21.1 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 1854):

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

### 13.4.21.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "[Max35Text](#)" on page 1864

## 13.4.22 SettlementService <SttlmSvc>

*Presence:* [0..1]

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



**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 13.4.23 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 13.4.24 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 13.4.25 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult23" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

### 13.4.26 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 13.4.27 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 13.4.28 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 13.4.29 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 14      caf.001.001.03 FileActionInitiationV03

## 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 FileActionInitiationV03 MessageDefinition is composed of 44 MessageBuildingBlocks:

A. Header

Information related to the protocol management.

B. MessageReason

Reason or purpose to send the message.

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

C. AlternateMessageReason

Supports message reason codes that are not defined in external code list.

D. FileActionScope

Scope of file action.

E. FileActionType

Type of file action.

F. OtherFileActionType

Other file action type in free text.

G. TransactionDescription

Transaction data related to programmes and services, content and format based on bilateral agreements.

H. Continuation

Indicates that batch or collection is not complete.

I. Originator

Identifies the originator of the transaction.

J. Acquirer

Identification of the acquirer.

K. Sender

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

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- L. Card  
Card or payment token performing the transaction.
  - M. Receiver  
Party receiving the message from the origin or from an intermediary agent.
  - N. Issuer  
Information related to the issuer.
  - O. Destination  
Identifies the destination of the transaction.
  - P. Programme  
Programme, network, or brand processes the transaction.
  - Q. SystemTraceAuditNumber  
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)
  - R. TransmissionDateTime  
Date and time expressed in UTC of the message as sent by the initiator.
  - S. RetrievalReferenceNumber  
A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.
  - T. LifeCycleIdentification  
Transaction lifecycle identification
  - U. FileName  
Identification of the file.
  - V. Format  
File format code.
  - W. DataRecord  
Content of record to be added, updated, deleted or replaced.
  - X. ActionDate  
Date when the file action should be performed.
  - Y. FileSecurityCode  
Indicates that the originator of the message is authorised to update the file.
  - Z. Correction  
Identifies that this batch or collection is a corrected version of a batch or collection that was previously sent.
  - A. Acceptor  
A. Card acceptor performing the card transaction.

AB Terminal

- Payment terminal or ATM performing the transaction.

AC POIComponent

- Data related to the components of the POI (Point Of Interaction) performing the transactions.

A Payer

- D. The party providing source of funds.

AE Payee

- The party receiving funds.

AF Token

- Details of payment token.

A CustomerDevice

- G. Identification of the customer device performing the transaction.

A Wallet

- H. Container for tenders used by the customer to perform the payment transaction.

AI. Cardholder

Cardholder performing the card payment transaction.

AJ. Jurisdiction

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

A SettlementService

- K. Type of settlement service for specific services requiring settlement.

AL AdditionalFee

- Fees not included in the transaction amount.

A Reconciliation

- M. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

A AdditionalData

- N. Contains additional data.

A ResponseCode

- O. Response code defined in ISO 8583.

AP ProtectedData

- Contains protected data and the attributes used to protect the data.

A SupplementaryData

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

AR SecurityTrailer

- Trailer of the message containing a MAC

## 14.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FileActnInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		302
	MessageReason <MsgRsn>	[0..*]	CodeSet		302
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		302
	FileActionScope <FileActnScp>	[0..1]	CodeSet		302
	FileActionType <FileActnTp>	[0..1]	CodeSet		303
	OtherFileActionType <OthrFileActnTp>	[0..1]	Text		303
	TransactionDescription <TxDesc>	[0..1]	Text		303
	Continuation <Conttn>	[0..1]	Indicator		303
	Originator <Orgtr>	[0..1]	±		304
	Acquirer <Acqrr>	[0..1]	±		304
	Sender <Sndr>	[0..1]	±		304
	Card <Card>	[1..1]	±		305
	Receiver <Rcvr>	[0..1]	±		305
	Issuer <Issr>	[0..1]	±		306
	Destination <Dstn>	[0..1]	±		306
	Programme <Prgrmm>	[0..1]	±		307
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		307
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		307
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		307
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		308
	FileName <FileNm>	[0..1]	Text		308
	Format <Frmt>	[0..1]	CodeSet		308
	DataRecord <DataRcrd>	[0..1]			308
{Or	Binary <Binry>	[1..*]	Binary		309
Or}	Text <Txt>	[1..*]	Text		309
	ActionDate <ActnDt>	[0..1]	Date		309
	FileSecurityCode <FileSctyCd>	[0..1]	Text		309
	Correction <Crrctn>	[0..1]			309
	Indicator <Ind>	[0..1]	Indicator		309



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Date</b> <Dt>	[0..1]	Date		310
	<b>Time</b> <Tm>	[0..1]	Time		310
	<b>Acceptor</b> <Accptr>	[0..1]	±		310
	<b>Terminal</b> <Termnl>	[0..1]	±		312
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		314
	<b>Payer</b> <Pyer>	[0..1]	±		314
	<b>Payee</b> <Pyee>	[0..1]	±		315
	<b>Token</b> <Tkn>	[0..1]	±		316
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		317
	<b>Wallet</b> <Wllt>	[0..1]	±		318
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		319
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			320
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		321
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		321
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		321
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		321
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		322
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		322
	<b>ResponseCode</b> <RspnCd>	[0..1]	CodeSet		323
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		323
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	323
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		324

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <Xchgld>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 14.4.2 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 1821

### 14.4.3 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

### 14.4.4 FileActionScope <FileActnScp>

*Presence:* [0..1]

*Definition:* Scope of file action.

*Datatype:* "FileActionScope1Code" on page 1813

CodeName	Name	Definition
FILE	File	Action applies to a file
RECD	Record	Action applies to a record

## 14.4.5 FileActionType <FileActnTp>

*Presence:* [0..1]

*Definition:* Type of file action.

*Datatype:* "FileActionType2Code" on page 1813

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.

## 14.4.6 OtherFileType <OthrFileActnTp>

*Presence:* [0..1]

*Definition:* Other file action type in free text.

*Datatype:* "Max35Text" on page 1864

## 14.4.7 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

## 14.4.8 Continuation <Conttn>

*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 1854):

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

## 14.4.9 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 14.4.10 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 14.4.11 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 14.4.12 Card <Card>

*Presence:* [1..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData15](#)" on page 1191 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1191
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1191
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1192
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1192
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1192
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1192
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1192
	PANAccountRange <PANAcctRg>	[0..1]	Text		1192
	Country <Ctry>	[0..1]	CodeSet		1192
	ProductType <PdctTp>	[0..1]	Text		1193
	ProductSubType <PdctSubTp>	[0..1]	Text		1193
	PortfolioIdentifier <Prtfldr>	[0..1]	Text		1193
	AdditionalData <AddtlData>	[0..*]	±		1193

## 14.4.13 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 14.4.14 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 14.4.15 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 14.4.16 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see ["ProgrammeMode5"](#) on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 14.4.17 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)

*Datatype:* ["Max12NumericText"](#) on page 1860

## 14.4.18 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* ["ISODateTime"](#) on page 1854

## 14.4.19 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.

*Datatype:* ["Exact12Text"](#) on page 1857

## 14.4.20 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

## 14.4.21 FileName <FileNm>

*Presence:* [0..1]

*Definition:* Identification of the file.

*Datatype:* "Max140Text" on page 1860

## 14.4.22 Format <Frmt>

*Presence:* [0..1]

*Definition:* File format code.

*Datatype:* "OutputFormat5Code" on page 1831

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.
SVG	SVG	Scalable vector graphic format.

## 14.4.23 DataRecord <DataRcrd>

*Presence:* [0..1]

*Definition:* Content of record to be added, updated, deleted or replaced.



**DataRecord <DataRcrd>** contains one of the following **DataRecord1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	<b>Binary &lt;Binry&gt;</b>	[1..*]	Binary		309
Or}	<b>Text &lt;Txt&gt;</b>	[1..*]	Text		309

#### 14.4.23.1 Binary <Binry>

*Presence:* [1..\*]

*Definition:* Contains the data record in Binary format.

*Datatype:* "Max20MbBinary" on page 1784

#### 14.4.23.2 Text <Txt>

*Presence:* [1..\*]

*Definition:* Contains the data record in Text format.

*Datatype:* "Max10MbText" on page 1859

#### 14.4.24 ActionDate <ActnDt>

*Presence:* [0..1]

*Definition:* Date when the file action should be performed.

*Datatype:* "ISODate" on page 1854

#### 14.4.25 FileSecurityCode <FileSctyCd>

*Presence:* [0..1]

*Definition:* Indicates that the originator of the message is authorised to update the file.

*Datatype:* "Max35Text" on page 1864

#### 14.4.26 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		309
	<b>Date &lt;Dt&gt;</b>	[0..1]	Date		310
	<b>Time &lt;Tm&gt;</b>	[0..1]	Time		310

##### 14.4.26.1 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 1854):

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

#### **14.4.26.2 Date <Dt>**

*Presence:* [0..1]

*Definition:* Contains the date of the update.

*Datatype:* ["ISODate"](#) on page 1854

#### **14.4.26.3 Time <Tm>**

*Presence:* [0..1]

*Definition:* Contains the time of the update.

*Datatype:* ["ISOTime"](#) on page 1869

### **14.4.27 Acceptor <Accptr>**

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification284" on page 1635 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1636
	Assigner <Assgnr>	[0..1]	Text		1637
	Country <Ctry>	[0..1]	CodeSet		1637
	ShortName <ShrtNm>	[0..1]	Text		1637
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1637
	AdditionalIdentification <AddtlId>	[0..1]	±		1637
	NameAndLocation <NmAndLctn>	[0..1]	Text		1637
	Address <Adr>	[0..1]	±		1637
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1638
	GeographicLocation <GeogcLctn>	[0..1]	Text		1638
	Email <Email>	[0..1]	Text		1638
	URLAddress <URLAdr>	[0..1]	Text		1638
	PhoneNumber <PhneNb>	[0..1]	Text		1638
	CustomerService <CstmrSvc>	[0..1]	Text		1639
	AdditionalContact <AddtlCtct>	[0..1]	Text		1639
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1639
	LocalData <LclData>	[0..1]	±		1639
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1639
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1639
	BusinessType <BizTp>	[0..1]	Text		1640
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1640
	OwnerType <OwnrTp>	[0..1]	Text		1640
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1640
	CertificationType <CertfctnTp>	[0..1]	Text		1640
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1640
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1640
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1641
	AdditionalData <AddtlData>	[0..*]	±		1641

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## 14.4.28      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

## 14.4.29 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

## 14.4.30 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

### 14.4.31 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 14.4.32 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.



**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 14.4.33 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 14.4.34 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 14.4.35 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

### 14.4.36 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		321
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		321

**14.4.36.1 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 1854](#)):

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

**14.4.36.2 DomesticQualification <DmstQlfcnt>***Presence:* [0..1]*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.*Datatype:* ["Max35Text" on page 1864](#)**14.4.37 SettlementService <SttlmSvc>***Presence:* [0..1]*Definition:* Type of settlement service for specific services requiring settlement.**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

**14.4.38 AdditionalFee <AddtlFee>***Presence:* [0..\*]*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 14.4.39 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 14.4.40 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

#### 14.4.41 ResponseCode <RspnCd>

*Presence:* [0..1]

*Definition:* Response code defined in ISO 8583.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

#### 14.4.42 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

#### 14.4.43 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

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.

14.4.44      SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737



# 15      **cafm.002.001.03**

## **FileActionResponseV03**

### 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 FileActionResponseV03 MessageDefinition is composed of 37 MessageBuildingBlocks:

- A. Header  
Information related to the protocol management.
- B. Originator  
Identifies the originator of the transaction.
- C. Acquirer  
Identification of the acquirer.
- D. Sender  
Party sending the message to another intermediary agent or to the final destination.
- E. Card  
Card or payment token performing the transaction.
- F. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- G. Issuer  
Information related to the issuer.
- H. Destination  
Identifies the destination of the transaction.
- I. Programme  
Programme, network, or brand processes the transaction.
- J. SystemTraceAuditNumber  
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)
- K. TransmissionDateTime  
Date and time expressed in UTC of the message as sent by the initiator.
- L. RetrievalReferenceNumber  
A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

- M. LifeCycleIdentification  
Transaction lifecycle identification
- N. FileName  
Identification of the file.
- O. Format  
File format code.
- P. DataRecord  
Content of record to be added, updated, deleted or replaced.
- Q. ActionDate  
Date when the file action should be performed.
- R. FileSecurityCode  
Indicates that the originator of the message is authorised to update the file.
- S. Correction  
Identifies that this batch or collection is a corrected version of a batch or collection that was previously sent.
- T. Acceptor  
Card acceptor performing the card transaction.
- U. Terminal  
Payment terminal or ATM performing the transaction.
- V. POIComponent  
Data related to the components of the POI (Point Of Interaction) performing the transactions.
- W. Payer  
The party providing source of funds.
- X. Payee  
The party receiving funds.
- Y. Token  
Details of payment token.
- Z. CustomerDevice  
Identification of the customer device performing the transaction.
- A Wallet
  - A. Container for tenders used by the customer to perform the payment transaction.
- AB Cardholder
  - Cardholder performing the card payment transaction.
- AC Jurisdiction
  - Contains information that identifies or is specific to a transaction jurisdiction.

A SettlementService

D. Type of settlement service for specific services requiring settlement.

AE AdditionalFee

· Fees not included in the transaction amount.

AF Reconciliation

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

A AdditionalData

G. Contains additional data.

A ResponseCode

H. Response code defined in ISO 8583.

AI. ProtectedData

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

AJ. SupplementaryData

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

A SecurityTrailer

K. Trailer of the message containing a MAC

## 15.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FileActnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		329
	Originator <Orgtr>	[0..1]	±		330
	Acquirer <Acqrr>	[0..1]	±		330
	Sender <Sndr>	[0..1]	±		331
	Card <Card>	[1..1]	±		331
	Receiver <Rcvr>	[0..1]	±		332
	Issuer <Issr>	[0..1]	±		332
	Destination <Dstn>	[0..1]	±		333
	Programme <Prgrmm>	[0..1]	±		333
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		334
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		334
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		334
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		334
	FileName <FileNm>	[0..1]	Text		334
	Format <Frmt>	[0..1]	CodeSet		334
	DataRecord <DataRcrd>	[0..1]			335
{Or	Binary <Binry>	[1..*]	Binary		335
Or}	Text <Txt>	[1..*]	Text		335
	ActionDate <ActnDt>	[0..1]	Date		335
	FileSecurityCode <FileSctyCd>	[0..1]	Text		336
	Correction <Crrctn>	[0..1]			336
	Indicator <Ind>	[0..1]	Indicator		336
	Date <Dt>	[0..1]	Date		336
	Time <Tm>	[0..1]	Time		336
	Acceptor <Accptr>	[0..1]	±		336
	Terminal <Termnl>	[0..1]	±		338
	POIComponent <POICmpnt>	[0..*]	±		340
	Payer <Pyer>	[0..1]	±		340
	Payee <Pyee>	[0..1]	±		341

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Token</b> <Tkn>	[0..1]	±		342
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		343
	<b>Wallet</b> <Wlt>	[0..1]	±		344
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		345
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			346
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		347
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		347
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		347
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		347
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		348
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		348
	<b>ResponseCode</b> <RspnCd>	[1..1]	CodeSet		349
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		349
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	349
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		350

## 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 "[Header71](#)" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 15.4.2 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 15.4.3 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 15.4.4 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 15.4.5 Card <Card>

*Presence:* [1..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData15](#)" on page 1191 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1191
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1191
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1192
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1192
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1192
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1192
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1192
	PANAccountRange <PANAcctRg>	[0..1]	Text		1192
	Country <Ctry>	[0..1]	CodeSet		1192
	ProductType <PdctTp>	[0..1]	Text		1193
	ProductSubType <PdctSubTp>	[0..1]	Text		1193
	PortfolioIdentifier <Prftlldr>	[0..1]	Text		1193
	AdditionalData <AddtlData>	[0..*]	±		1193

## 15.4.6 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 15.4.7 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.



**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 15.4.8 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 15.4.9 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 15.4.10 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)

*Datatype:* "Max12NumericText" on page 1860

## 15.4.11 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

## 15.4.12 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.

*Datatype:* "Exact12Text" on page 1857

## 15.4.13 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

## 15.4.14 FileName <FileNm>

*Presence:* [0..1]

*Definition:* Identification of the file.

*Datatype:* "Max140Text" on page 1860

## 15.4.15 Format <Frmt>

*Presence:* [0..1]

*Definition:* File format code.

*Datatype:* "OutputFormat5Code" on page 1831

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.

CodeName	Name	Definition
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.

## 15.4.16 DataRecord <DataRcrd>

*Presence:* [0..1]

*Definition:* Content of record to be added, updated, deleted or replaced.

**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		335
Or}	<b>Text</b> <Txt>	[1..*]	Text		335

### 15.4.16.1 Binary <Binry>

*Presence:* [1..\*]

*Definition:* Contains the data record in Binary format.

*Datatype:* "Max20MbBinary" on page 1784

### 15.4.16.2 Text <Txt>

*Presence:* [1..\*]

*Definition:* Contains the data record in Text format.

*Datatype:* "Max10MbText" on page 1859

## 15.4.17 ActionDate <ActnDt>

*Presence:* [0..1]

*Definition:* Date when the file action should be performed.

*Datatype:* "ISODate" on page 1854

### 15.4.18 FileSecurityCode <FileSctyCd>

*Presence:* [0..1]  
*Definition:* Indicates that the originator of the message is authorised to update the file.  
*Datatype:* "Max35Text" on page 1864

### 15.4.19 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		336
	<b>Date &lt;Dt&gt;</b>	[0..1]	Date		336
	<b>Time &lt;Tm&gt;</b>	[0..1]	Time		336

#### 15.4.19.1 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 1854):

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

#### 15.4.19.2 Date <Dt>

*Presence:* [0..1]  
*Definition:* Contains the date of the update.  
*Datatype:* "ISODate" on page 1854

#### 15.4.19.3 Time <Tm>

*Presence:* [0..1]  
*Definition:* Contains the time of the update.  
*Datatype:* "ISOTime" on page 1869

### 15.4.20 Acceptor <Accptr>

*Presence:* [0..1]  
*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification284" on page 1635 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1636
	Assigner <Assgnr>	[0..1]	Text		1637
	Country <Ctry>	[0..1]	CodeSet		1637
	ShortName <ShrtNm>	[0..1]	Text		1637
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1637
	AdditionalIdentification <AddtlId>	[0..1]	±		1637
	NameAndLocation <NmAndLctn>	[0..1]	Text		1637
	Address <Adr>	[0..1]	±		1637
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1638
	GeographicLocation <GeogcLctn>	[0..1]	Text		1638
	Email <Email>	[0..1]	Text		1638
	URLAddress <URLAdr>	[0..1]	Text		1638
	PhoneNumber <PhneNb>	[0..1]	Text		1638
	CustomerService <CstmrSvc>	[0..1]	Text		1639
	AdditionalContact <AddtlCct>	[0..1]	Text		1639
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1639
	LocalData <LclData>	[0..1]	±		1639
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1639
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1639
	BusinessType <BizTp>	[0..1]	Text		1640
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1640
	OwnerType <OwnrTp>	[0..1]	Text		1640
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1640
	CertificationType <CertfctnTp>	[0..1]	Text		1640
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1640
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1640
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1641
	AdditionalData <AddtlData>	[0..*]	±		1641

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## 15.4.21      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

## 15.4.22 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

## 15.4.23 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.



**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 15.4.24 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 15.4.25 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 15.4.26 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 15.4.27 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 15.4.28 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 15.4.29 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		347
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		347

**15.4.29.1 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 1854](#)):

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

**15.4.29.2 DomesticQualification <DmstQlfcfn>***Presence:* [0..1]*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.*Datatype:* ["Max35Text" on page 1864](#)**15.4.30 SettlementService <SttlmSvc>***Presence:* [0..1]*Definition:* Type of settlement service for specific services requiring settlement.**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

**15.4.31 AdditionalFee <AddtlFee>***Presence:* [0..\*]*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 15.4.32 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 15.4.33 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.



**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 15.4.34 ResponseCode <RspnCd>

*Presence:* [1..1]

*Definition:* Response code defined in ISO 8583.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

### 15.4.35 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 15.4.36 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

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.

15.4.37      SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 16 cafr.001.001.03 FraudReportingInitiationV03

## 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 FraudReportingInitiationV03 MessageDefinition is composed of 26 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. ReportedFraud  
Fraud reporting type information.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. FraudulentTransactionData  
Data pertaining to fraudulent reported transaction.
- H. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- I. Issuer  
Information related to the issuer.
- J. Destination  
Identifies the destination of the transaction.
- K. Programme  
Programme, network, or brand processes the transaction.
- L. FraudTransactionIdentification  
Identification of the transaction reporting the fraud.
- M. CardNotReceivedDetails  
Details of a not-received card.

N. TransactionCardholderName

Transaction cardholder name as it appears on the card.

O. AdditionalInformation

Additional information relevant for the settlement report.

P. LocalData

Contains text fields in the local language.

Q. Token

Details of payment token.

R. Cardholder

Cardholder performing the card payment transaction.

S. Jurisdiction

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

T. SettlementService

Type of settlement service for specific services requiring settlement.

U. AdditionalFee

Fees not included in the transaction amount.

V. Reconciliation

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

W. AdditionalData

Contains additional data.

X. ProtectedData

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

Y. SupplementaryData

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

Z. SecurityTrailer

Trailer of the message containing a MAC

## 16.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FrdRptgInith>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		354
	<b>ReportedFraud</b> <RptdFrd>	[1..1]	±		355
	<b>Originator</b> <Orgtr>	[0..1]	±		356
	<b>Acquirer</b> <Acqrr>	[0..1]	±		357
	<b>Sender</b> <Sndr>	[0..1]	±		357
	<b>Card</b> <Card>	[0..1]	±		357
	<b>FraudulentTransactionData</b> <FrdIntTxData>	[1..1]			358
	<b>Authorisation</b> <Authstn>	[0..1]	Indicator		358
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	CodeSet		359
	<b>OtherAuthorisationEntity</b> <OthrAuthstnNtty>	[0..1]	Text		359
	<b>PresentmentCycle</b> <PresntmntCycl>	[0..1]	Text		359
	<b>DisputeCondition</b> <DsptCond>	[0..1]	Text		359
	<b>DisputeReference</b> <DsptRef>	[0..*]	±		360
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		360
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		360
	<b>FraudulentMessage</b> <FrdIntMsg>	[0..1]	Binary		360
	<b>Receiver</b> <Rcvr>	[0..1]	±		360
	<b>Issuer</b> <Issr>	[0..1]	±		361
	<b>Destination</b> <Dstn>	[0..1]	±		361
	<b>Programme</b> <Prgrmm>	[0..1]	±		362
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		362
	<b>CardNotReceivedDetails</b> <CardNotRcvdDtls>	[0..1]			362
	<b>DateMailed</b> <DtMld>	[1..1]	Date		363
	<b>MailingAddress</b> <MlngAdr>	[0..1]	±		363
	<b>MailingAddressUnstructured</b> <MlngAdrUstrd>	[0..1]	Text		364
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[1..1]	Text		364
	<b>ValidFrom</b> <VldFr>	[0..1]	Date		364
	<b>CardSecurityCode</b> <CardSctyCd>	[0..1]	Indicator		364
	<b>CardSecurityCapability</b> <CardSctyCpblty>	[0..*]			364

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Capability</b> <Cpblty>	[1..1]	CodeSet		364
	<b>OtherCapability</b> <OthrCpblty>	[0..1]	Text		365
	<b>TransactionCardholderName</b> <TxCrhdldrNm>	[0..1]	±		365
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		365
	<b>LocalData</b> <LclData>	[0..1]	±		366
	<b>Token</b> <Tkn>	[0..1]	±		366
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		367
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			368
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		369
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		369
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		369
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		369
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		370
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		370
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		371
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	371
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		371

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 16.4.2 ReportedFraud <RptdFrd>

*Presence:* [1..1]

*Definition:* Fraud reporting type information.

**ReportedFraud <RptdFr>** contains the following elements (see "ReportedFraud4" on page 1461 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1462
	OtherType <OthrTp>	[0..1]	Text		1463
	Action <Actn>	[1..1]	CodeSet		1463
	OtherAction <OthrActn>	[0..1]	Text		1464
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1464
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1464
	CompromisedCredential <CmprmsdCrdntl>	[0..*]	CodeSet		1464
	CardholderReportingDate <CrdhldrRptgDt>	[0..1]	Date		1467
	ConfirmationReportingDate <ConfRptgDt>	[0..1]	Date		1467
	SubmitterCaseReference <SubmtrCaseRef>	[0..1]	Text		1467
	MarketSegment <MktSgmt>	[0..1]	Text		1467
	CaseLocatorNumber <CaseLctrNb>	[0..1]	Text		1467
	CaseReference <CaseRef>	[0..1]	Text		1468
	Arrest <Arrst>	[0..1]	Indicator		1468
	InvestigationStatus <InvstgtnSts>	[0..1]	Text		1468

### 16.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622



## 16.4.4 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 16.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 16.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "CardData15" on page 1191 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1191
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1191
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1192
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1192
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1192
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1192
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1192
	PANAccountRange <PANAcctRg>	[0..1]	Text		1192
	Country <Ctry>	[0..1]	CodeSet		1192
	ProductType <PdctTp>	[0..1]	Text		1193
	ProductSubType <PdctSubTp>	[0..1]	Text		1193
	PortfolioIdentifier <Prflldr>	[0..1]	Text		1193
	AdditionalData <AddtlData>	[0..*]	±		1193

## 16.4.7 FraudulentTransactionData <FrdIntTxData>

*Presence:* [1..1]

*Definition:* Data pertaining to fraudulent reported transaction.

**FraudulentTransactionData <FrdIntTxData>** contains the following **FraudulentTransactionData3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Authorisation</b> <Authstn>	[0..1]	Indicator		358
	<b>AuthorisationEntity</b> <AuthstnNtty>	[0..1]	CodeSet		359
	<b>OtherAuthorisationEntity</b> <OthrAuthstnNtty>	[0..1]	Text		359
	<b>PresentmentCycle</b> <PresntmntCycl>	[0..1]	Text		359
	<b>DisputeCondition</b> <DsptCond>	[0..1]	Text		359
	<b>DisputeReference</b> <DsptRef>	[0..*]	±		360
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		360
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		360
	<b>FraudulentMessage</b> <FrdIntMsg>	[0..1]	Binary		360

### 16.4.7.1 Authorisation <Authstn>

*Presence:* [0..1]

*Definition:* Indicates whether the transaction was authorised or not.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### 16.4.7.2 AuthorisationEntity <AuthstnNtty>

*Presence:* [0..1]

*Definition:* Indicates the entity which authorised the transaction (if relevant).

*Datatype:* ["PartyType26Code"](#) on page 1833

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.
ACQR	Acquirer	Entity acquiring card transactions.
ICCA	CardApplication	Application in the smart card.
CISS	CardIssuer	Party that issues cards.
DLIS	DelegatIssuer	Party to whom the card issuer delegates to authorise card payment transactions.
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

#### 16.4.7.3 OtherAuthorisationEntity <OthrAuthstnNtty>

*Presence:* [0..1]

*Definition:* Other type of authorisation entity.

*Datatype:* ["Max35Text"](#) on page 1864

#### 16.4.7.4 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 1857

#### 16.4.7.5 DisputeCondition <DsptCond>

*Presence:* [0..1]

*Definition:* Condition of the dispute.

*Datatype:* ["Max35Text"](#) on page 1864

#### 16.4.7.6 DisputeReference <DsptRef>

*Presence:* [0..\*]

*Definition:* Reference for the dispute.

**DisputeReference <DsptRef>** contains the following elements (see "[DisputeReference1](#)" on page 1456 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1457
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1457
	DisputeIdentification <DsptId>	[1..*]			1457
	Type <Tp>	[0..1]	Text		1457
	Identification </d>	[1..1]	Text		1458

#### 16.4.7.7 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 1821

#### 16.4.7.8 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "[Max35Text](#)" on page 1864

#### 16.4.7.9 FraudulentMessage <FrdIntMsg>

*Presence:* [0..1]

*Definition:* Complete or partial details of the original message identified as fraudulent.

*Datatype:* "[Max100KBinary](#)" on page 1783

### 16.4.8 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 16.4.9 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 16.4.10 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 16.4.11 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see ["ProgrammeMode5"](#) on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 16.4.12 FraudTransactionIdentification <FrdTxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction reporting the fraud.

*Datatype:* ["Max70Text"](#) on page 1867

### 16.4.13 CardNotReceivedDetails <CardNotRcvdDtls>

*Presence:* [0..1]

*Definition:* Details of a not-received card.

**CardNotReceivedDetails <CardNotRcvdDtls>** contains the following **CardNotReceivedDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DateMailed</b> <DtMld>	[1..1]	Date		363
	<b>MailingAddress</b> <MIngAdr>	[0..1]	±		363
	<b>MailingAddressUnstructured</b> <MIngAdrUstrd>	[0..1]	Text		364
	<b>MailedFromPostalCode</b> <MldFrPstlCd>	[1..1]	Text		364
	<b>ValidFrom</b> <VldFr>	[0..1]	Date		364
	<b>CardSecurityCode</b> <CardSctyCd>	[0..1]	Indicator		364
	<b>CardSecurityCapability</b> <CardSctyCpblty>	[0..*]			364
	<b>Capability</b> <Cpblty>	[1..1]	CodeSet		364
	<b>OtherCapability</b> <OthrCpblty>	[0..1]	Text		365

#### 16.4.13.1 DateMailed <DtMld>

*Presence:* [1..1]

*Definition:* Date of card when mailed to the cardholder.

*Datatype:* "ISODate" on page 1854

#### 16.4.13.2 MailingAddress <MIngAdr>

*Presence:* [0..1]

*Definition:* Address where card was mailed to.

**MailingAddress <MIngAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

16.4.13.3 MailingAddressUnstructured <MIngAdrUstrd>

Presence: [0..1]

Definition: Unstructured mailing address where card was mailed to.

Datatype: "Max256Text" on page 1863

16.4.13.4 MailedFromPostalCode <MIdFrPstlCd>

Presence: [1..1]

Definition: Postal code where the card was mailed from.

Datatype: "Max16Text" on page 1861

16.4.13.5 ValidFrom <VIdFr>

Presence: [0..1]

Definition: Date of the beginning of validation of the card.

Datatype: "ISODate" on page 1854

16.4.13.6 CardSecurityCode <CardSctyCd>

Presence: [0..1]

Definition: Indicates whether card provides a Card Security Code.

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

16.4.13.7 CardSecurityCapability <CardSctyCpblty>

Presence: [0..\*]

Definition: Identifies the security capabilities of the card.

CardSecurityCapability <CardSctyCpblty> contains the following CardSecurityCapability1 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		364
	OtherCapability <OthrCpblty>	[0..1]	Text		365

16.4.13.7.1 Capability <Cpblty>

Presence: [1..1]

Definition: Defines the security capability.

Datatype: "CardSecurityCapability1Code" on page 1804

CodeName	Name	Definition
ICCD	ICC	Card contains an integrated circuit card.



CodeName	Name	Definition
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

#### 16.4.13.7.2 OtherCapability <OthrCpblty>

*Presence:* [0..1]

*Definition:* Other type of card security capability defined at national or private level.

*Datatype:* "Max35Text" on page 1864

### 16.4.14 TransactionCardholderName <TxCrdrHldrNm>

*Presence:* [0..1]

*Definition:* Transaction cardholder name as it appears on the card.

**TransactionCardholderName <TxCrdrHldrNm>** contains the following elements (see "CardholderName3" on page 1657 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1657
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1658

### 16.4.15 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information relevant for the settlement report.

**AdditionalInformation <AddtlInf>** contains the following elements (see "AdditionalInformation22" on page 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1604
	Target <Trgt>	[0..*]	CodeSet		1605
	Format <Frmt>	[0..1]	CodeSet		1605
	Type <Tp>	[0..1]	Text		1606
	Value <Val>	[1..1]	Text		1606

## 16.4.16 LocalData <LclData>

*Presence:* [0..1]

*Definition:* Contains text fields in the local language.

**LocalData <LclData>** contains the following elements (see "LocalData16" on page 1522 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1522
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1522
	MailingAddress <MlngAdr>	[0..1]	±		1522
	MailingAddressUnstructured <MlngAdrUstrd>	[0..1]	Text		1523
	MailedFromPostalCode <MldFrPstlCd>	[0..1]	Text		1523
	CardholderName <CrdhldrNm>	[0..1]	±		1523
	AdditionalInformation <AddtlInf>	[0..*]	±		1523
	AdditionalData <AddtlData>	[0..*]	±		1524

## 16.4.17 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 16.4.18 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 16.4.19 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		369
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		369

**16.4.19.1 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 1854](#)):

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

**16.4.19.2 DomesticQualification <DmstQlfcnt>***Presence:* [0..1]*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.*Datatype:* ["Max35Text" on page 1864](#)**16.4.20 SettlementService <SttlmSvc>***Presence:* [0..1]*Definition:* Type of settlement service for specific services requiring settlement.**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

**16.4.21 AdditionalFee <AddtlFee>***Presence:* [0..\*]*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 16.4.22 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 16.4.23 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 16.4.24 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 16.4.25 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 16.4.26 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737



# 17 cafr.002.001.03 FraudReportingResponseV03

## 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 FraudReportingResponseV03 MessageDefinition is composed of 22 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. Originator  
Identifies the originator of the transaction.
- C. Acquirer  
Identification of the acquirer.
- D. Sender  
Party sending the message to another intermediary agent or to the final destination.
- E. Card  
Card or payment token performing the transaction.
- F. FraudTransactionIdentification  
Identification of the transaction reporting the fraud.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. Token  
Details of payment token.
- L. Cardholder  
Cardholder performing the card payment transaction.
- M. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.

N. SettlementService

Type of settlement service for specific services requiring settlement.

O. AdditionalFee

Fees not included in the transaction amount.

P. Reconciliation

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

Q. AdditionalData

Contains additional data.

R. ProcessingResult

Outcome of processing of the fraud reporting.

S. OriginalResponseCode

Original Response code.

T. ProtectedData

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

U. SupplementaryData

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

V. 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]	±		376
	<b>Originator</b> <Orgtr>	[0..1]	±		376
	<b>Acquirer</b> <Acqrr>	[0..1]	±		377
	<b>Sender</b> <Sndr>	[0..1]	±		377
	<b>Card</b> <Card>	[0..1]	±		378
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		378
	<b>Receiver</b> <Rcvr>	[0..1]	±		379
	<b>Issuer</b> <Issr>	[0..1]	±		379
	<b>Destination</b> <Dstn>	[0..1]	±		379
	<b>Programme</b> <Prgrmm>	[0..1]	±		380
	<b>Token</b> <Tkn>	[0..1]	±		380
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		381
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			382
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		383
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		383
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		383
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		383
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		384
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		384
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		385
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		385
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		385
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	386
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		386

## 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 "[Header71](#)" on [page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 17.4.2 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 17.4.3 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 17.4.4 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 17.4.5 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see ["CardData15"](#) on page 1191 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1191
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1191
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1192
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1192
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1192
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1192
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1192
	PANAccountRange <PANAcctRg>	[0..1]	Text		1192
	Country <Ctry>	[0..1]	CodeSet		1192
	ProductType <PdctTp>	[0..1]	Text		1193
	ProductSubType <PdctSubTp>	[0..1]	Text		1193
	PortfolioIdentifier <Prtflldr>	[0..1]	Text		1193
	AdditionalData <AddtlData>	[0..*]	±		1193

## 17.4.6 FraudTransactionIdentification <FrdTxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction reporting the fraud.

*Datatype:* ["Max70Text"](#) on page 1867

## 17.4.7 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 17.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 17.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 17.4.10 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 17.4.11 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.



**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 17.4.12 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 17.4.13 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		383
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		383

**17.4.13.1 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 1854](#)):

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

**17.4.13.2 DomesticQualification <DmstQlfcnt>***Presence:* [0..1]*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.*Datatype:* ["Max35Text" on page 1864](#)**17.4.14 SettlementService <SttlmSvc>***Presence:* [0..1]*Definition:* Type of settlement service for specific services requiring settlement.**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

**17.4.15 AdditionalFee <AddtlFee>***Presence:* [0..\*]*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 17.4.16 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 17.4.17 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 17.4.18 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of processing of the fraud reporting.

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult23"](#) on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

## 17.4.19 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 17.4.20 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 17.4.21 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 17.4.22 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 18 cafr.003.001.03 FraudDispositionInitiationV03

## 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 FraudDispositionInitiationV03 MessageDefinition is composed of 23 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. ReportedFraud  
Fraud reporting type information.
- C. FraudDispositionStatus  
Contains the disposition of the previously submitted fraud reporting message.
- D. Originator  
Identifies the originator of the transaction.
- E. Acquirer  
Identification of the acquirer.
- F. Sender  
Party sending the message to another intermediary agent or to the final destination.
- G. Card  
Card or payment token performing the transaction.
- H. FraudTransactionIdentification  
Identification of the transaction reporting the fraud.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme  
Programme, network, or brand processes the transaction.
- M. AdditionalInformation  
Additional information relevant for the settlement report.

- 
- N. Token
    - Details of payment token.
  - O. Cardholder
    - Cardholder performing the card payment transaction.
  - P. Jurisdiction
    - Contains information that identifies or is specific to a transaction jurisdiction.
  - Q. SettlementService
    - Type of settlement service for specific services requiring settlement.
  - R. AdditionalFee
    - Fees not included in the transaction amount.
  - S. Reconciliation
    - Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
  - T. AdditionalData
    - Contains additional data.
  - U. ProtectedData
    - Contains protected data and the attributes used to protect the data.
  - V. SupplementaryData
    - Additional information that can not be captured in the structured fields and/or other specific block.
  - W. SecurityTrailer
    - Trailer of the message containing a MAC



## 18.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FrdDspstnInitn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		390
	<b>ReportedFraud</b> <RptdFrd>	[1..1]	±		390
	<b>FraudDispositionStatus</b> <FrdDspstnSts>	[1..1]			391
	<b>ActionTaken</b> <ActnTaken>	[1..1]	CodeSet		391
	<b>OtherActionTaken</b> <OthrActnTaken>	[0..1]	Text		392
	<b>ErrorData</b> <ErrData>	[0..*]	Text		392
	<b>WarningData</b> <WrngData>	[0..*]	Text		392
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		392
	<b>Originator</b> <Orgtr>	[0..1]	±		392
	<b>Acquirer</b> <Acqrr>	[1..1]	±		393
	<b>Sender</b> <Sndr>	[0..1]	±		393
	<b>Card</b> <Card>	[0..1]	±		394
	<b>FraudTransactionIdentification</b> <FrdTxld>	[1..1]	Text		394
	<b>Receiver</b> <Rcvr>	[0..1]	±		395
	<b>Issuer</b> <Issr>	[0..1]	±		395
	<b>Destination</b> <Dstn>	[0..1]	±		395
	<b>Programme</b> <Prgrmm>	[0..1]	±		396
	<b>AdditionalInformation</b> <AddtlInf>	[0..*]	±		396
	<b>Token</b> <Tkn>	[0..1]	±		397
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		397
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			398
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		399
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		399
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		399
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		399
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		400
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		400
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		401
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	401

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityTrailer <SctyTrlr>	[0..1]	±		401

## 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 "[Header71](#)" on [page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 18.4.2 ReportedFraud <RptdFrd>

*Presence:* [1..1]

*Definition:* Fraud reporting type information.

**ReportedFraud <RptdFrD>** contains the following elements (see "ReportedFraud5" on page 1468 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1468
	OtherType <OthrTp>	[0..1]	Text		1469
	Action <Actn>	[1..1]	CodeSet		1469
	OtherAction <OthrActn>	[0..1]	Text		1470
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1470
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1470
	SubmitterCaseReference <SubmtrCaseRef>	[0..1]	Text		1471
	CaseReference <CaseRef>	[0..1]	Text		1471

### 18.4.3 FraudDispositionStatus <FrdDspstnSts>

*Presence:* [1..1]

*Definition:* Contains the disposition of the previously submitted fraud reporting message.

**FraudDispositionStatus <FrdDspstnSts>** contains the following **FraudDispositionStatus2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ActionTaken <ActnTaken>	[1..1]	CodeSet		391
	OtherActionTaken <OthrActnTaken>	[0..1]	Text		392
	ErrorData <ErrData>	[0..*]	Text		392
	WarningData <WrngData>	[0..*]	Text		392
	AdditionalInformation <AddtlInf>	[0..*]	±		392

#### 18.4.3.1 ActionTaken <ActnTaken>

*Presence:* [1..1]

*Definition:* Indicates the action taken as a disposition of the previously fraud report message.

*Datatype:* "ActionTaken1Code" on page 1785

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.

### 18.4.3.2 OtherActionTaken <OthrActnTaken>

*Presence:* [0..1]

*Definition:* Other action taken as defined at national or private level.

*Datatype:* "Max35Text" on page 1864

### 18.4.3.3 ErrorData <ErrData>

*Presence:* [0..\*]

*Definition:* Contains errors found in the submitted fraud report message.

*Datatype:* "Max256Text" on page 1863

### 18.4.3.4 WarningData <WrngData>

*Presence:* [0..\*]

*Definition:* Contains warnings found in the submitted fraud report message.

*Datatype:* "Max256Text" on page 1863

### 18.4.3.5 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information

**AdditionalInformation <AddtlInf>** contains the following elements (see "AdditionalInformation30" on page 1606 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1606
	Target <Trgt>	[0..*]	CodeSet		1607
	Format <Frmt>	[0..1]	CodeSet		1607
	Type <Tp>	[0..1]	Text		1608
	Language <Lang>	[1..1]	CodeSet		1608
	Value <Val>	[1..1]	Text		1608

## 18.4.4 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 18.4.5 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 18.4.6 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 18.4.7 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see ["CardData15"](#) on page 1191 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1191
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1191
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1192
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1192
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1192
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1192
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1192
	PANAccountRange <PANAcctRg>	[0..1]	Text		1192
	Country <Ctry>	[0..1]	CodeSet		1192
	ProductType <PdctTp>	[0..1]	Text		1193
	ProductSubType <PdctSubTp>	[0..1]	Text		1193
	PortfolioIdentifier <PrtflIdr>	[0..1]	Text		1193
	AdditionalData <AddtlData>	[0..*]	±		1193

## 18.4.8 FraudTransactionIdentification <FrdTxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction reporting the fraud.

*Datatype:* ["Max70Text"](#) on page 1867

## 18.4.9 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 18.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 18.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 18.4.12 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 18.4.13 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information relevant for the settlement report.

**AdditionalInformation <AddtlInf>** contains the following elements (see "[AdditionalInformation30](#)" on page 1606 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1606
	Target <Trgt>	[0..*]	CodeSet		1607
	Format <Frmt>	[0..1]	CodeSet		1607
	Type <Tp>	[0..1]	Text		1608
	Language <Lang>	[1..1]	CodeSet		1608
	Value <Val>	[1..1]	Text		1608



## 18.4.14 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 18.4.15 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 18.4.16 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		399
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		399

**18.4.16.1 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 1854](#)):

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

**18.4.16.2 DomesticQualification <DmstQlfcnt>***Presence:* [0..1]*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.*Datatype:* ["Max35Text" on page 1864](#)**18.4.17 SettlementService <SttlmSvc>***Presence:* [0..1]*Definition:* Type of settlement service for specific services requiring settlement.**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

**18.4.18 AdditionalFee <AddtlFee>***Presence:* [0..\*]*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 18.4.19 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 18.4.20 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 18.4.21 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 18.4.22 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 18.4.23 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 19 cafr.004.001.03 FraudDispositionResponseV03

## 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 FraudDispositionResponseV03 MessageDefinition is composed of 22 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. Originator  
Identifies the originator of the transaction.
- C. Acquirer  
Identification of the acquirer.
- D. Sender  
Party sending the message to another intermediary agent or to the final destination.
- E. Card  
Card or payment token performing the transaction.
- F. FraudTransactionIdentification  
Identification of the transaction reporting the fraud.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. Token  
Details of payment token.
- L. Cardholder  
Cardholder performing the card payment transaction.
- M. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.

N. SettlementService

Type of settlement service for specific services requiring settlement.

O. AdditionalFee

Fees not included in the transaction amount.

P. Reconciliation

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

Q. AdditionalData

Contains additional data.

R. ProcessingResult

Outcome of processing of the fraud reporting.

S. OriginalResponseCode

Original Response code.

T. ProtectedData

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

U. SupplementaryData

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

V. 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]	±		406
	<b>Originator</b> <Orgtr>	[0..1]	±		406
	<b>Acquirer</b> <Acqrr>	[0..1]	±		407
	<b>Sender</b> <Sndr>	[0..1]	±		407
	<b>Card</b> <Card>	[0..1]	±		408
	<b>FraudTransactionIdentification</b> <FrdTxId>	[1..1]	Text		408
	<b>Receiver</b> <Rcvr>	[0..1]	±		409
	<b>Issuer</b> <Issr>	[0..1]	±		409
	<b>Destination</b> <Dstn>	[0..1]	±		409
	<b>Programme</b> <Prgrmm>	[0..1]	±		410
	<b>Token</b> <Tkn>	[0..1]	±		410
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		411
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			412
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		413
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		413
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		413
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		413
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		414
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		414
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		415
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		415
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		415
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	416
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		416

## 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 "[Header71](#)" on [page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 19.4.2 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 19.4.3 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 19.4.4 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 19.4.5 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see ["CardData15"](#) on page 1191 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1191
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1191
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1192
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1192
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1192
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1192
	PANReferenceIdentifier <PANRefldr>	[0..1]	Text		1192
	PANAccountRange <PANAcctRg>	[0..1]	Text		1192
	Country <Ctry>	[0..1]	CodeSet		1192
	ProductType <PdctTp>	[0..1]	Text		1193
	ProductSubType <PdctSubTp>	[0..1]	Text		1193
	PortfolioIdentifier <Prtflldr>	[0..1]	Text		1193
	AdditionalData <AddtlData>	[0..*]	±		1193

## 19.4.6 FraudTransactionIdentification <FrdTxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction reporting the fraud.

*Datatype:* ["Max70Text"](#) on page 1867

## 19.4.7 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 19.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 19.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 19.4.10 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 19.4.11 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 19.4.12 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

### 19.4.13 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		413
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		413



**19.4.13.1 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 1854](#)):

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

**19.4.13.2 DomesticQualification <DmstQlfcfn>***Presence:* [0..1]*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.*Datatype:* ["Max35Text" on page 1864](#)**19.4.14 SettlementService <SttlmSvc>***Presence:* [0..1]*Definition:* Type of settlement service for specific services requiring settlement.**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

**19.4.15 AdditionalFee <AddtlFee>***Presence:* [0..\*]*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 19.4.16 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 19.4.17 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 19.4.18 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of processing of the fraud reporting.

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult23"](#) on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

## 19.4.19 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 19.4.20 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 19.4.21 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 19.4.22 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 20      **cain.001.001.04** **AuthorisationInitiationV04**

### 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 AuthorisationInitiationV04 MessageDefinition is composed of 49 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme  
Programme, network, or brand processes the transaction.

M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. ExchangeRate

Further detailed information on the exchange rates that have been used in or are related to the transaction.

P. TransactionAmounts

Amounts of the card transaction.

Q. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

R. OriginalDataElements

Data elements contained in the original message.

S. Acceptor

Card acceptor performing the card transaction.

T. Terminal

Payment terminal or ATM performing the transaction.

U. POIComponent

Data related to the components of the POI (Point Of Interaction) performing the transactions.

V. Context

Contains or describes conditions and characteristics of the transaction.

W. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

X. Payer

The party providing source of funds.

Y. Payee

The party receiving funds.

Z. Token

Details of payment token.

A CustomerDevice

A. Identification of the customer device performing the transaction.

AB Wallet

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

AC Cardholder

.

Cardholder performing the card payment transaction.

A Customer

D. Information about the customer.

AE Verification

· Contain validation result and/or data to be validated.

AF Risk

· Context of risk associated with the transaction.

A SpecialProgrammeQualification

G. Data to qualify for incentive or other related programmes.

A Instalment

H. Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

AI. AccountBalance

Balance of the account involved in the card transaction.

AJ. AdditionalService

Additional functions or services to be performed in conjunction with the transaction.

A FundsServices

K. Financial services related to the account.

AL DepositDetails

· Contains ATM deposit details.

A Jurisdiction

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

A SettlementService

N. Type of settlement service for specific services requiring settlement.

A AdditionalFee

O. Fees not included in the transaction amount.

AP Reconciliation

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

A ProcessingResult

Q. Outcome of the processing of the authorisation.

AR AddendumData

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

AS AdditionalData

· Contains additional data.

---

AT StrongCustomerAuthentication

- EU PSD2 Strong Consumer Authentication data.

A ProtectedData

- U. Contains protected data and the attributes used to protect the data.

A SupplementaryData

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

A SecurityTrailer

- W. Trailer of the message containing a MAC.



## 20.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AuthstnInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		424
	TransactionCharacteristics <TxChrtcs>	[1..1]			424
	TransactionType <TxTp>	[1..1]	CodeSet		425
	TransactionSubType <TxSubTp>	[0..1]	Text		425
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		425
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		426
	Cancellation <Cxl>	[0..1]	Indicator		426
	MessageReason <MsgRsn>	[0..*]	CodeSet		426
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		427
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		427
	TransactionDescription <TxDesc>	[0..1]	Text		427
	AdditionalData <AddtlData>	[0..*]	±		427
	Originator <Orgtr>	[0..1]	±		427
	Acquirer <Acqrr>	[1..1]	±		428
	Sender <Sndr>	[0..1]	±		428
	Card <Card>	[0..1]	±		429
	AccountFrom <AcctFr>	[0..1]	±		430
	AccountTo <AcctTo>	[0..1]	±		430
	Receiver <Rcvr>	[0..1]	±		430
	Issuer <Issr>	[0..1]	±		431
	Destination <Dstn>	[0..1]	±		431
	Programme <Prgrmm>	[0..1]	±		431
	TransactionIdentification <TxId>	[1..1]	±		432
	ConversionDateTime <ConvsDtTm>	[0..1]	±		433
	ExchangeRate <XchgRate>	[0..*]			434
	Provider <Prvdr>	[0..1]	Text		434
	Identification <Id>	[0..1]	Text		435
	Date <Dt>	[0..1]	Date		435
	Time <Tm>	[0..1]	Time		435

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		435
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		435
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	435
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	436
	<b>Rate</b> <Rate>	[0..1]	Rate		436
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		436
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		436
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		437
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		437
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		437
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		437
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		437
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		438
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		438
	<b>OriginalDataElements</b> <OrgnlDataElmts>	[0..1]	±		438
	<b>Acceptor</b> <Accptr>	[0..1]	±		439
	<b>Terminal</b> <Termnl>	[0..1]	±		441
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		443
	<b>Context</b> <Cntxt>	[1..1]	±		443
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		446
	<b>Payer</b> <Pyer>	[0..1]	±		446
	<b>Payee</b> <Pyee>	[0..1]	±		447
	<b>Token</b> <Tkn>	[0..1]	±		448
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		449
	<b>Wallet</b> <Wllt>	[0..1]	±		450
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		451
	<b>Customer</b> <Cstmr>	[0..1]	±		452
	<b>Verification</b> <Vrfctn>	[0..*]	±		453
	<b>Risk</b> <Rsk>	[0..*]	±		454
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		454
	<b>Instalment</b> <Instlmt>	[0..1]	±		454

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		454
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		455
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		455
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		456
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			456
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		456
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		457
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		457
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		457
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		458
	<b>ProcessingResult</b> <PrccgRslt>	[0..1]	±		458
	<b>AddendumData</b> <AdddmData>	[0..1]	±		459
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		460
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			460
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		461
	<b>Exemption</b> <Xmptn>	[0..*]			461
	<b>Type</b> <Tp>	[1..1]	CodeSet		461
	<b>Value</b> <Val>	[1..1]	CodeSet		462
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		462
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		462
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		463
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		463
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		463
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	463
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		464

## 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 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.

## 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 "[Header71](#)" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 20.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		425
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		425
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		425
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		426
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		426
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		426
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		427
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		427
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		427
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		427

#### 20.4.2.1 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 1822

#### 20.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 20.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

CodeName	Name	Definition
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.

#### 20.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 20.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 20.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

### 20.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

### 20.4.2.8 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 1866

### 20.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

### 20.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 20.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 20.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 20.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 20.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData11](#)" on page 1205 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1205
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208

## 20.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 20.4.8 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 20.4.9 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 20.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 20.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 20.4.12 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode4" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIdId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

20.4.13

TransactionIdentification <TxId>

*Presence:* [1..1]  
*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

## 20.4.14 ConversionDateTime <ConvDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 20.4.15 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate <XchgRate>** contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		434
	<b>Identification</b> <Id>	[0..1]	Text		435
	<b>Date</b> <Dt>	[0..1]	Date		435
	<b>Time</b> <Tm>	[0..1]	Time		435
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		435
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		435
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	435
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	436
	<b>Rate</b> <Rate>	[0..1]	Rate		436
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		436
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		436
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		437
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		437
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		437
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		437
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		437

### 20.4.15.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

20.4.15.2 Identification <Id>

*Presence:* [0..1]  
*Definition:* Identification of the specific rate, table or file that contains the rate information.  
*Datatype:* "Max70Text" on page 1867

20.4.15.3 Date <Dt>

*Presence:* [0..1]  
*Definition:* The date the exchange rate data is effective.  
*Datatype:* "ISODate" on page 1854

20.4.15.4 Time <Tm>

*Presence:* [0..1]  
*Definition:* The time the exchange rate data is effective.  
*Datatype:* "ISOTime" on page 1869

20.4.15.5 EndPoint <EndPt>

*Presence:* [0..1]  
*Definition:* Identifies the party to which this detail applies.  
*Datatype:* "Endpoint1Code" on page 1810

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.

20.4.15.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]  
*Definition:* Other nationally or privately defined endpoint.  
*Datatype:* "Max35Text" on page 1864

20.4.15.7 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 1821

#### Constraints

- **ValidationByTable**

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

### 20.4.15.8 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 1821

#### Constraints

- **ValidationByTable**

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

### 20.4.15.9 Rate <Rate>

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

### 20.4.15.10 RateType <RateTp>

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

### 20.4.15.11 OtherRateType <OthrRateTp>

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864



#### 20.4.15.12 AgreementType <AgrmtTp>

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

#### 20.4.15.13 OtherAgreementType <OthrAgrmtTp>

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

#### 20.4.15.14 RateLockRequested <RateLckReqd>

*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 1854):

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

#### 20.4.15.15 RateLockEligible <RateLckElgbl>

*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 1854):

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

#### 20.4.15.16 RateLockApplied <RateLckApld>

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

## 20.4.16 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts3](#)" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

## 20.4.17 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 "[AdditionalAmounts4](#)" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 20.4.18 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1724
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1724
	SenderIdentification <Sndrld>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <Txld>	[0..1]	±		1725
	ConversionDateTime <ConvstDtM>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

## 20.4.19 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptr>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648

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## 20.4.20      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrpLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

## 20.4.21 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

## 20.4.22 Context <Cntxt>

*Presence:* [1..1]

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

**Context <Cntxt>** contains the following elements (see "Context19" on page 1586 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1589
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1589
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1589
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1590
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1590
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1590
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1591
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1591
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1591
	Transit <Trnst>	[0..1]	Indicator		1591
	Attended <Attndd>	[0..1]	Indicator		1592
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1592
	ECommerce <EComrc>	[0..1]	Indicator		1592
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1592
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1592
	ECommerceData <EComrcData>	[0..*]			1593
	Type <Tp>	[1..1]	Text		1593
	Value <Val>	[1..1]	Text		1593
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1593
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1593
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1593
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1594
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1594
	NoShow <NoShow>	[0..1]	Indicator		1594
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1594
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1595
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1595
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1595



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1595
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1596
	SplitPayment <Spltpmt>	[0..1]	Indicator		1596
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1596
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1596
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1597
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1597
	StorageLocation <StorgLctn>	[0..1]	Text		1598
	PaymentCredentialMerchantRelationship <PmtCrntlMrchntRltsh>	[0..1]	Indicator		1598
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1598
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1598
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1598
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1599
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1599
	MagneticStripeFallback <MgntcStrpFllbck>	[0..1]	Indicator		1599
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1599
	CaptureDate <CaptrDt>	[0..1]	Date		1599
	DateAnticipated <DtAntcptd>	[0..1]	Date		1600
	ECRIdentification <ECRIId>	[0..1]	Text		1600
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1600
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1600
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1600
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1601
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1601
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1601
	ReceiptRequest <RctReq>	[0..1]	Indicator		1602
	ReceiptType <RctTp>	[0..*]	CodeSet		1602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReceiptDestination <RctDstn>	[0..1]	Text		1602
	AdditionalData <AddtlData>	[0..*]	±		1602

### 20.4.23 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

### 20.4.24 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 20.4.25 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 20.4.26 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 20.4.27 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 20.4.28 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 20.4.29 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 20.4.30 Customer <Cstmr>

*Presence:* [0..1]

*Definition:* Information about the customer.



**Customer <Cstmr>** contains the following elements (see "Customer4" on page 1665 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1665
	ReferenceNumber <RefNb>	[0..1]	Text		1665
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1666
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1666
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1666
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1666
	VIIndicator <VIPInd>	[0..1]	Indicator		1666
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1666

## 20.4.31 Verification <Vrfctn>

*Presence:* [0..\*]

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

**Verification <Vrfctn>** contains the following elements (see "Verification6" on page 1778 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <Rslt>	[0..1]	CodeSet		1782
	OtherResult <OthrRslt>	[0..1]	Text		1782
	ResultDetails <RsltDtls>	[0..*]	±		1782

## 20.4.32 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

## 20.4.33 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 20.4.34 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

## 20.4.35 AccountBalance <AcctBal>

*Presence:* [0..\*]

*Definition:* Balance of the account involved in the card transaction.

**AccountBalance <AcctBal>** contains the following elements (see "[AccountBalance3](#)" on page 1187 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

## 20.4.36 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <RsIt>	[0..1]	CodeSet		1232
	OtherResult <OthrRsIt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 20.4.37 FundsServices <FndsSvcs>

*Presence:* [0..1]

*Definition:* Financial services related to the account.

**FundsServices <FndsSvcs>** contains the following elements (see "FundingService3" on page 1472 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1472
	Name <Nm>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1473
	BusinessPurpose <BizPurp>	[0..1]	Text		1473
	Description <Desc>	[0..1]	Text		1473
	FundingSource <FndgSrc>	[0..*]	±		1473
	ClaimCredentials <CImCrntls>	[0..1]	Text		1473
	ClaimAssigner <CImAssgnr>	[0..1]	Text		1473

### 20.4.38 DepositDetails <DpstDtls>

*Presence:* [0..\*]

*Definition:* Contains ATM deposit details.

**DepositDetails <DpstDtls>** contains the following elements (see "DepositDetails3" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1453
	OtherType <OthrTp>	[0..1]	Text		1454
	Amount <Amt>	[0..1]	Amount		1454
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1454

### 20.4.39 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		456
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		457

#### 20.4.39.1 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 1854):

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

### 20.4.39.2 DomesticQualification <DmstQlfcfn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

## 20.4.40 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService5"](#) on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

## 20.4.41 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 20.4.42 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 20.4.43 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

## 20.4.44 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 "AddendumData6" on page 1208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Sale <Sale>	[0..1]	±		1209
	Fleet <Fleet>	[0..1]	±		1209
	Invoice <Invc>	[0..1]	±		1213
	TravelAgency <TrvlAgcy>	[0..*]	±		1215
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1216
	VehicleRental <VhclRntl>	[0..*]	±		1217
	Lodging <Ldgg>	[0..*]	±		1219
	ShippingData <ShppgData>	[0..1]	±		1222
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1222
	TemporaryServices <TempSvcs>	[0..*]	±		1223
	AdditionalData <AddtlData>	[0..*]	±		1224

## 20.4.45 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 20.4.46 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.



**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		461
	<b>Exemption</b> <Xmptn>	[0..*]			461
	<b>Type</b> <Tp>	[1..1]	CodeSet		461
	<b>Value</b> <Val>	[1..1]	CodeSet		462
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		462
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		462
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		463
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		463

#### 20.4.46.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### 20.4.46.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		461
	<b>Value</b> <Val>	[1..1]	CodeSet		462
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		462

##### 20.4.46.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code"](#) on page 1811

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 20.4.46.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 20.4.46.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 20.4.46.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 20.4.46.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 20.4.46.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 20.4.47 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 20.4.48 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 20.4.49 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 21      **cain.002.001.04** **AuthorisationResponseV04**

## 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 AuthorisationResponseV04 MessageDefinition is composed of 41 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme  
Programme, network, or brand processes the transaction.
- M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. TransactionAmounts

Amounts of the card transaction.

P. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

Q. OriginalDataElements

Data elements contained in the original message.

R. Acceptor

Card acceptor performing the card transaction.

S. Terminal

Payment terminal or ATM performing the transaction.

T. Context

Contains or describes conditions and characteristics of the transaction.

U. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

V. Token

Details of payment token.

W. Wallet

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

X. Cardholder

Cardholder performing the card payment transaction.

Y. Verification

Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Z. Risk

Context of risk associated with the transaction.

A. SpecialProgrammeQualification

A. Data to qualify for incentive or other related programmes.

AB Instalment

· Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

AC AdditionalService

· Additional functions or services to be performed in conjunction with the transaction.

- A AccountBalance
- D. Balance of the account involved in the card transaction.
- AE Jurisdiction
  - Contains information that identifies or is specific to a transaction jurisdiction.
- AF SettlementService
  - Type of settlement service for specific services requiring settlement.
- A AdditionalFee
- G. Fees not included in the transaction amount.
- A Reconciliation
- H. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- AI. ProcessingResult
  - Outcome of the processing of the authorisation.
- AJ. AddendumData
  - Component contains data structures applicable to certain industries that require specific data within transaction messages.
- A AdditionalData
- K. Contains additional data.
- AL StrongCustomerAuthentication
  - EU PSD2 Strong Consumer Authentication data.
- A ProtectedData
- M. Contains protected data and the attributes used to protect the data.
- A SupplementaryData
- N. Additional information that can not be captured in the structured fields and/or other specific block.
- A SecurityTrailer
- O. Trailer of the message containing a MAC

## 21.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AuthstnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		470
	TransactionCharacteristics <TxChrtcs>	[1..1]			470
	TransactionType <TxTp>	[1..1]	CodeSet		471
	TransactionSubType <TxSubTp>	[0..1]	Text		471
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		471
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		472
	Cancellation <Cxl>	[0..1]	Indicator		472
	MessageReason <MsgRsn>	[0..*]	CodeSet		472
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		473
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		473
	TransactionDescription <TxDesc>	[0..1]	Text		473
	AdditionalData <AddtlData>	[0..*]	±		473
	Originator <Orgtr>	[0..1]	±		473
	Acquirer <Acqrr>	[1..1]	±		474
	Sender <Sndr>	[0..1]	±		474
	Card <Card>	[0..1]	±		475
	AccountFrom <AcctFr>	[0..1]	±		475
	AccountTo <AcctTo>	[0..1]	±		476
	Receiver <Rcvr>	[0..1]	±		476
	Issuer <Issr>	[0..1]	±		476
	Destination <Dstn>	[0..1]	±		477
	Programme <Prgrmm>	[0..1]	±		477
	TransactionIdentification <TxId>	[1..1]	±		478
	ConversionDateTime <ConvsDtTm>	[0..1]	±		478
	TransactionAmounts <TxAmts>	[1..1]	±		479
	AdditionalAmount <AddtlAmt>	[0..*]	±		479
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		480
	Acceptor <Accptr>	[0..1]	±		480
	Terminal <Termnl>	[0..1]	±		481



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Context</b> <Cntxt>	[0..1]	±		481
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		483
	<b>Token</b> <Tkn>	[0..1]	±		483
	<b>Wallet</b> <Wlft>	[0..1]	±		483
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		484
	<b>Verification</b> <Vrfctn>	[0..*]	±		485
	<b>Risk</b> <Rsk>	[0..*]	±		486
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		486
	<b>Instalment</b> <Instlmt>	[0..1]	±		486
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		487
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		487
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			488
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		488
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		488
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		488
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		489
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		490
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		490
	<b>AddendumData</b> <AdddmData>	[0..1]	±		491
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		491
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			492
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		492
	<b>Exemption</b> <Xmptn>	[0..*]			492
	<b>Type</b> <Tp>	[1..1]	CodeSet		493
	<b>Value</b> <Val>	[1..1]	CodeSet		493
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		494
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		494
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		494
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		494
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		494
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	495

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityTrailer <SctyTrlr>	[0..1]	±		495

## 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

## 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 "[Header71](#)" on [page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 21.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		471
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		471
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		471
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		472
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		472
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		472
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		473
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		473
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		473
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		473

#### 21.4.2.1 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 1822

#### 21.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 21.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

CodeName	Name	Definition
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.

#### 21.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 21.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 21.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

21.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]  
*Definition:* Supports message reason codes that are not defined in external code list.  
*Datatype:* "Max256Text" on page 1863

21.4.2.8 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 1866

21.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]  
*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.  
*Datatype:* "Max1000Text" on page 1858

21.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]  
*Definition:* Contains additional data.  
**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

21.4.3 Originator <Orgtr>

*Presence:* [0..1]  
*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 21.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 21.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 21.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "CardData12" on page 1198 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1199
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1199
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1199
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1200
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1200
	Track3 <Trck3>	[0..1]	Text		1200
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1200
	PANAccountRange <PANAcctRg>	[0..1]	Text		1200
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1200
	Country <Ctry>	[0..1]	CodeSet		1200
	Currency <Ccy>	[0..1]	CodeSet	C2	1201
	ProductType <PdctTp>	[0..1]	Text		1201
	ProductSubType <PdctSubTp>	[0..1]	Text		1201
	PortfolioIdentifier <PrtflIdr>	[0..1]	Text		1201
	AdditionalData <AddtlData>	[0..*]	±		1201

## 21.4.7 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 "AccountDetails4" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 21.4.8 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 "AccountDetails4" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 21.4.9 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 21.4.10 Issuer <Issr>

*Presence:* [0..1]



*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 21.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 21.4.12 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 21.4.13 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification57](#)" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssoctdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		1708

## 21.4.14 ConversionDateTime <ConvsvDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 21.4.15 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

## 21.4.16 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 "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 21.4.17 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctr>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

## 21.4.18 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 21.4.19 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

## 21.4.20 Context <Cntxt>

*Presence:* [0..1]

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

**Context <Cntxt>** contains the following elements (see "Context20" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1578
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1578
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1578
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1579
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1579
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1579
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1580
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1580
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1580
	Transit <Trnst>	[0..1]	Indicator		1580
	Attended <Attndd>	[0..1]	Indicator		1581
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1581
	ECommerce <EComrc>	[0..1]	Indicator		1581
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1581
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1581
	ECommerceData <EComrcData>	[0..*]			1582
	Type <Tp>	[1..1]	Text		1582
	Value <Val>	[1..1]	Text		1582
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1582
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1582
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1582
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1583
	NoShow <NoShow>	[0..1]	Indicator		1583
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1583
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1583
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1584
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1584
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1584

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1585
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1585
	StorageLocation <StorgLctn>	[0..1]	Text		1585
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1585

## 21.4.21 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

## 21.4.22 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcnMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcnMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 21.4.23 Wallet <Wlft>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 21.4.24 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.



**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 21.4.25 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 "Verification7" on page 1776 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1776
	OtherType <OthrTp>	[0..1]	Text		1776
	SubType <SubTp>	[0..1]	Text		1776
	Entity <Ntty>	[0..1]	CodeSet		1777
	OtherEntity <OthrNtty>	[0..1]	Text		1777
	Result <Rslt>	[0..1]	CodeSet		1777
	OtherResult <OthrRslt>	[0..1]	Text		1778
	ResultDetails <RsltDtls>	[0..*]	±		1778
	AdditionalInformation <AddtlInf>	[0..1]	Text		1778

## 21.4.26 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

## 21.4.27 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 21.4.28 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

## 21.4.29 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 21.4.30 AccountBalance <AcctBal>

*Presence:* [0..\*]

*Definition:* Balance of the account involved in the card transaction.

**AccountBalance <AcctBal>** contains the following elements (see "AccountBalance3" on page 1187 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

## 21.4.31 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		488
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		488

### 21.4.31.1 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 1854):

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

### 21.4.31.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

## 21.4.32 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 21.4.33 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 21.4.34 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 21.4.35 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult22" on page 1756 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

### 21.4.36 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 "AddendumData7" on page 1253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FleetLineItem <FleetLineitm>	[0..*]	±		1253
	AdditionalData <AddtlData>	[0..*]	±		1253

### 21.4.37 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 21.4.38 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		492
	<b>Exemption</b> <Xmptn>	[0..*]			492
	<b>Type</b> <Tp>	[1..1]	CodeSet		493
	<b>Value</b> <Val>	[1..1]	CodeSet		493
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		494
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		494
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		494
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		494

### 21.4.38.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

### 21.4.38.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.



**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type &lt;Tp&gt;</b>	[1..1]	CodeSet		493
	<b>Value &lt;Val&gt;</b>	[1..1]	CodeSet		493
	<b>ReasonNotHonored &lt;RsnNotHnrd&gt;</b>	[0..*]	Text		494

#### 21.4.38.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* "Exemption2Code" on page 1811

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 21.4.38.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.

CodeName	Name	Definition
NHON	NotHonored	Attestation failed validation.

#### 21.4.38.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 21.4.38.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 21.4.38.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 21.4.38.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 21.4.39 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 21.4.40 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 21.4.41 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 22      **cain.003.001.04** **FinancialInitiationV04**

### 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 FinancialInitiationV04 MessageDefinition is composed of 52 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme

Programme, network, or brand processes the transaction.

M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. ExchangeRate

Further detailed information on the exchange rates that have been used in or are related to the transaction.

P. TransactionAmounts

Amounts of the card transaction.

Q. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

R. OriginalDataElements

Data elements contained in the original message.

ISO 8583:1987 bit 90 and ISO 8583:1993/2003 bit 56

S. Acceptor

Card acceptor performing the card transaction.

T. Terminal

Payment terminal or ATM performing the transaction.

U. POIComponent

Data related to the components of the POI (Point Of Interaction) performing the transactions.

V. Context

Contains or describes conditions and characteristics of the transaction.

W. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

X. Payer

The party providing source of funds.

Y. Payee

The party receiving funds.

Z. Token

Details of payment token.

A CustomerDevice

A. Identification of the customer device performing the transaction.

AB Wallet

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

AC Cardholder

- Cardholder performing the card payment transaction.

A Customer

- D. Information about the customer.

AE Verification

- Contain validation result and/or data to be validated.

AF Risk

- Context of risk associated with the transaction.

A SpecialProgrammeQualification

- G. Data to qualify for incentive or other related programmes.

A Instalment

- H. Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

AI. AccountBalance

Balance of the account involved in the card transaction.

AJ. AdditionalService

Additional functions or services to be performed in conjunction with the transaction.

A FundsServices

- K. Financial services related to the account.

AL DepositDetails

- Contains ATM deposit details.

A Jurisdiction

- M. Contains information that identifies or is specific to a transaction jurisdiction.

A SettlementService

- N. Type of settlement service for specific services requiring settlement.

A AdditionalFee

- O. Fees not included in the transaction amount.

AP Reconciliation

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

A DisputeData

- Q. Information about the dispute.

AR Documentation

- Supporting documentation information related to the dispute.

AS ProcessingResult

- Outcome of the processing of the authorisation.

AT OriginalTransaction

- Contains details of the original transaction.

A AddendumData

- U. Component contains data structures applicable to certain industries that require specific data within transaction messages.

A AdditionalData

- V. Contains additional data.

A StrongCustomerAuthentication

- W. EU PSD2 Strong Consumer Authentication data.

A ProtectedData

- X. Contains protected data and the attributes used to protect the data.

A SupplementaryData

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

AZ SecurityTrailer

- Trailer of the message containing a MAC.

## 22.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FinInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		503
	TransactionCharacteristics <TxChrtcs>	[1..1]			503
	TransactionType <TxTp>	[1..1]	CodeSet		504
	TransactionSubType <TxSubTp>	[0..1]	Text		504
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		504
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		505
	Cancellation <Cxl>	[0..1]	Indicator		505
	MessageReason <MsgRsn>	[0..*]	CodeSet		505
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		506
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		506
	TransactionDescription <TxDesc>	[0..1]	Text		506
	AdditionalData <AddtlData>	[0..*]	±		506
	Originator <Orgtr>	[0..1]	±		506
	Acquirer <Acqrr>	[1..1]	±		507
	Sender <Sndr>	[0..1]	±		507
	Card <Card>	[0..1]	±		508
	AccountFrom <AcctFr>	[0..1]	±		509
	AccountTo <AcctTo>	[0..1]	±		509
	Receiver <Rcvr>	[0..1]	±		509
	Issuer <Issr>	[0..1]	±		510
	Destination <Dstn>	[0..1]	±		510
	Programme <Prgrmm>	[0..1]	±		510
	TransactionIdentification <TxId>	[1..1]	±		511
	ConversionDateTime <ConvsDtTm>	[0..1]	±		512
	ExchangeRate <XchgRate>	[0..*]			513
	Provider <Prvdr>	[0..1]	Text		513
	Identification <Id>	[0..1]	Text		514
	Date <Dt>	[0..1]	Date		514
	Time <Tm>	[0..1]	Time		514



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		514
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		514
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	514
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	515
	<b>Rate</b> <Rate>	[0..1]	Rate		515
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		515
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		515
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		516
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		516
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		516
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		516
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		516
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		517
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		517
	<b>OriginalDataElements</b> <OrgnlDataElmts>	[0..1]	±		517
	<b>Acceptor</b> <Accptr>	[0..1]	±		518
	<b>Terminal</b> <Termnl>	[0..1]	±		520
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		522
	<b>Context</b> <Cntxt>	[1..1]	±		522
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		525
	<b>Payer</b> <Pyer>	[0..1]	±		525
	<b>Payee</b> <Pyee>	[0..1]	±		526
	<b>Token</b> <Tkn>	[0..1]	±		527
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		528
	<b>Wallet</b> <Wllt>	[0..1]	±		529
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		530
	<b>Customer</b> <Cstmr>	[0..1]	±		531
	<b>Verification</b> <Vrfctn>	[0..*]	±		532
	<b>Risk</b> <Rsk>	[0..*]	±		533
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		533
	<b>Instalment</b> <Instlmt>	[0..1]	±		533

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		533
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		534
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		534
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		535
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			535
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		535
	<b>DomesticQualification</b> <DmstQlfcnt>	[0..1]	Text		536
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		536
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		536
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		537
	<b>DisputeData</b> <DsptData>	[0..*]	±		537
	<b>Documentation</b> <Dcmnttn>	[0..*]	±		538
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		538
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		539
	<b>AddendumData</b> <AdddmData>	[0..1]	±		541
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		542
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			542
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		543
	<b>Exemption</b> <Xmptn>	[0..*]			543
	<b>Type</b> <Tp>	[1..1]	CodeSet		543
	<b>Value</b> <Val>	[1..1]	CodeSet		544
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		544
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		544
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		545
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		545
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		545
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	545
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		546

## 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 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.

## 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 ["Header71" on page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 22.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		504
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		504
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		504
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		505
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		505
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		505
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		506
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		506
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		506
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		506

#### 22.4.2.1 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 1822

#### 22.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 22.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

CodeName	Name	Definition
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.

#### 22.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 22.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 22.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

### 22.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

### 22.4.2.8 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 1866

### 22.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

### 22.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 22.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 22.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 22.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 22.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData11](#)" on page 1205 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1205
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208



## 22.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 22.4.8 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 22.4.9 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 22.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 22.4.11 Destination <Ddstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Ddstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 22.4.12 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode4" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIdId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

22.4.13

TransactionIdentification <TxId>

*Presence:* [1..1]  
*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification55" on page 1718 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1719
	LocalTime <LclTm>	[0..1]	Time		1719
	TimeZone <TmZone>	[0..1]	Text		1720
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1720
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1720
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1721
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1721
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1721
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1721
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1721
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1721
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1721
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1722
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1722
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1722
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1722
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1722
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1722
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1722
	AssociatedData <AssocdData>	[0..1]	Indicator		1722
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1723
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1723

## 22.4.14 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDdtM>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 22.4.15 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate <XchgRate>** contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		513
	<b>Identification</b> <Id>	[0..1]	Text		514
	<b>Date</b> <Dt>	[0..1]	Date		514
	<b>Time</b> <Tm>	[0..1]	Time		514
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		514
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		514
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	514
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	515
	<b>Rate</b> <Rate>	[0..1]	Rate		515
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		515
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		515
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		516
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		516
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		516
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		516
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		516

### 22.4.15.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

### 22.4.15.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the specific rate, table or file that contains the rate information.

*Datatype:* "Max70Text" on page 1867

### 22.4.15.3 Date <Dt>

*Presence:* [0..1]

*Definition:* The date the exchange rate data is effective.

*Datatype:* "ISODate" on page 1854

### 22.4.15.4 Time <Tm>

*Presence:* [0..1]

*Definition:* The time the exchange rate data is effective.

*Datatype:* "ISOTime" on page 1869

### 22.4.15.5 EndPoint <EndPt>

*Presence:* [0..1]

*Definition:* Identifies the party to which this detail applies.

*Datatype:* "Endpoint1Code" on page 1810

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.

### 22.4.15.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined endpoint.

*Datatype:* "Max35Text" on page 1864

### 22.4.15.7 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 1821

#### Constraints

- **ValidationByTable**

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

### 22.4.15.8 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 1821

#### Constraints

- **ValidationByTable**

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

### 22.4.15.9 Rate <Rate>

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

### 22.4.15.10 RateType <RateTp>

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

### 22.4.15.11 OtherRateType <OthrRateTp>

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864

## 22.4.15.12 AgreementType <AgrmtTp>

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

## 22.4.15.13 OtherAgreementType <OthrAgrmtTp>

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

## 22.4.15.14 RateLockRequested <RateLckReqd>

*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 1854):

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

## 22.4.15.15 RateLockEligible <RateLckElgbl>

*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 1854):

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

## 22.4.15.16 RateLockApplied <RateLckApld>

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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



## 22.4.16 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts3](#)" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

## 22.4.17 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 "[AdditionalAmounts4](#)" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 22.4.18 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 "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgClss>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

## 22.4.19 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptor>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648

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## 22.4.20      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrpLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

## 22.4.21 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

## 22.4.22 Context <Cntxt>

*Presence:* [1..1]

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

**Context <Cntxt>** contains the following elements (see "Context19" on page 1586 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1589
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1589
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1589
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1590
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1590
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1590
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1591
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1591
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1591
	Transit <Trnst>	[0..1]	Indicator		1591
	Attended <Attndd>	[0..1]	Indicator		1592
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1592
	ECommerce <EComrc>	[0..1]	Indicator		1592
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1592
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1592
	ECommerceData <EComrcData>	[0..*]			1593
	Type <Tp>	[1..1]	Text		1593
	Value <Val>	[1..1]	Text		1593
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1593
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1593
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1593
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1594
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1594
	NoShow <NoShow>	[0..1]	Indicator		1594
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1594
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1595
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1595
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1595
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1596
	SplitPayment <Spltpmt>	[0..1]	Indicator		1596
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1596
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1596
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1597
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1597
	StorageLocation <StorgLctn>	[0..1]	Text		1598
	PaymentCredentialMerchantRelationship <PmtCrntlMrchntRltsh>	[0..1]	Indicator		1598
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1598
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1598
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1598
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1599
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1599
	MagneticStripeFallback <MgntrcStrpFllbck>	[0..1]	Indicator		1599
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1599
	CaptureDate <CaptrDt>	[0..1]	Date		1599
	DateAnticipated <DtAntcptd>	[0..1]	Date		1600
	ECRIdentification <ECRIId>	[0..1]	Text		1600
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1600
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1600
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1600
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1601
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1601
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1601
	ReceiptRequest <RctReq>	[0..1]	Indicator		1602
	ReceiptType <RctTp>	[0..*]	CodeSet		1602



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReceiptDestination <RctDstn>	[0..1]	Text		1602
	AdditionalData <AddtlData>	[0..*]	±		1602

22.4.23

ICCRRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

22.4.24

Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 22.4.25 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 22.4.26 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 22.4.27 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 22.4.28 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 22.4.29 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 22.4.30 Customer <Cstmr>

*Presence:* [0..1]

*Definition:* Information about the customer.

**Customer <Cstmr>** contains the following elements (see "Customer4" on page 1665 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1665
	ReferenceNumber <RefNb>	[0..1]	Text		1665
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1666
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1666
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1666
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1666
	VIIndicator <VIPInd>	[0..1]	Indicator		1666
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1666

## 22.4.31 Verification <Vrfctn>

*Presence:* [0..\*]

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

**Verification <Vrfctn>** contains the following elements (see "Verification6" on page 1778 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <RsIt>	[0..1]	CodeSet		1782
	OtherResult <OthrRsIt>	[0..1]	Text		1782
	ResultDetails <RsItDtls>	[0..*]	±		1782



## 22.4.32 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

## 22.4.33 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 22.4.34 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

## 22.4.35 AccountBalance <AcctBal>

*Presence:* [0..\*]

*Definition:* Balance of the account involved in the card transaction.

**AccountBalance <AcctBal>** contains the following elements (see "[AccountBalance3](#)" on page 1187 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

## 22.4.36 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 22.4.37 FundsServices <FndsSvcs>

*Presence:* [0..1]

*Definition:* Financial services related to the account.

**FundsServices <FndsSvcs>** contains the following elements (see "FundingService3" on page 1472 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1472
	Name <Nm>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1473
	BusinessPurpose <BizPurp>	[0..1]	Text		1473
	Description <Desc>	[0..1]	Text		1473
	FundingSource <FndgSrc>	[0..*]	±		1473
	ClaimCredentials <CImCrntls>	[0..1]	Text		1473
	ClaimAssigner <CImAssgnr>	[0..1]	Text		1473

## 22.4.38 DepositDetails <DpstDtls>

*Presence:* [0..\*]

*Definition:* Contains ATM deposit details.

**DepositDetails <DpstDtls>** contains the following elements (see "DepositDetails3" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1453
	OtherType <OthrTp>	[0..1]	Text		1454
	Amount <Amt>	[0..1]	Amount		1454
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1454

## 22.4.39 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		535
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		536

### 22.4.39.1 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 1854):

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

### 22.4.39.2 DomesticQualification <DmstQlfcfn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

## 22.4.40 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService5"](#) on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

## 22.4.41 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 22.4.42 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 22.4.43 DisputeData <DsptData>

*Presence:* [0..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "[DisputeData4](#)" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

## 22.4.44 Documentation <Dcmnttn>

*Presence:* [0..\*]

*Definition:* Supporting documentation information related to the dispute.

**Documentation <Dcmnttn>** contains the following elements (see "[DisputeDocumentation1](#)" on page 1481 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Format <Frmt>	[0..1]	CodeSet		1481
	OtherFormat <OthrFrmt>	[0..1]	Text		1482
	Type <Tp>	[0..1]	Text		1482
	Value <Val>	[1..1]	Text		1482

## 22.4.45 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

## 22.4.46 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Contains details of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "OriginalTransaction3" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCharacteristics <TxChrtcs>	[0..1]	±		1490
	Originator <Orgtr>	[0..1]	±		1491
	Acquirer <Acqrr>	[0..1]	±		1491
	Sender <Sndr>	[0..1]	±		1492
	Card <Card>	[1..1]	±		1492
	AccountFrom <AcctFr>	[0..1]	±		1493
	AccountTo <AcctTo>	[0..1]	±		1493
	Receiver <Rcvr>	[0..1]	±		1494
	Issuer <Issr>	[0..1]	±		1494
	Destination <Dstr>	[0..1]	±		1495
	Programme <Prgrmm>	[0..1]	±		1495
	TransactionIdentification <TxId>	[0..1]	±		1495
	ConversionDateTime <ConvsvDtTm>	[0..1]	±		1496
	ExchangeRate <XchgRate>	[0..*]			1496
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAmounts <TxAmts>	[0..1]	±		1500
	AdditionalAmount <AddtlAmt>	[0..*]	±		1501
	Acceptor <Accptr>	[0..1]	±		1501
	Terminal <Termnl>	[0..1]	±		1503
	POIComponent <POICmpnt>	[0..*]	±		1505
	Context <Cntxt>	[0..1]	±		1505
	Payer <Pyer>	[0..1]	±		1508
	Payee <Pyee>	[0..1]	±		1509
	Token <Tkn>	[0..1]	±		1510
	CustomerDevice <CstmrDvc>	[0..1]	±		1511
	Wallet <Wlt>	[0..1]	±		1512
	Cardholder <Crhdldr>	[0..1]	±		1513
	Verification <Vrfctn>	[0..*]	±		1514
	Risk <Rsk>	[0..*]	±		1515
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1515
	AdditionalService <AddtlSvc>	[0..*]	±		1515
	FundsServices <FndsSvcs>	[0..1]	±		1516
	DepositDetails <DpstDtls>	[0..*]	±		1516
	Jurisdiction <Jursdctn>	[0..1]			1517
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517
	SettlementService <SttlmSvc>	[0..1]	±		1517
	AdditionalFee <AddtlFee>	[0..*]	±		1518
	Reconciliation <Rcncltn>	[0..1]	±		1519
	DisputeData <DsptData>	[0..*]	±		1519
	Documentation <Dcmnttn>	[0..*]	±		1520
	ProcessingResult <PrcgRslt>	[0..1]	±		1520

## 22.4.47 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 "AddendumData6" on page 1208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Sale <Sale>	[0..1]	±		1209
	Fleet <Fleet>	[0..1]	±		1209
	Invoice <Invc>	[0..1]	±		1213
	TravelAgency <TrvlAgcy>	[0..*]	±		1215
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1216
	VehicleRental <VhclRntl>	[0..*]	±		1217
	Lodging <Ldgg>	[0..*]	±		1219
	ShippingData <ShppgData>	[0..1]	±		1222
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1222
	TemporaryServices <TempSvcs>	[0..*]	±		1223
	AdditionalData <AddtlData>	[0..*]	±		1224

## 22.4.48 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 22.4.49 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		543
	<b>Exemption</b> <Xmptn>	[0..*]			543
	<b>Type</b> <Tp>	[1..1]	CodeSet		543
	<b>Value</b> <Val>	[1..1]	CodeSet		544
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		544
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		544
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		545
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		545

#### 22.4.49.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### 22.4.49.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		543
	<b>Value</b> <Val>	[1..1]	CodeSet		544
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		544

##### 22.4.49.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code"](#) on page 1811

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 22.4.49.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 22.4.49.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 22.4.49.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 22.4.49.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 22.4.49.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 22.4.50 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 22.4.51 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 22.4.52 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 23      **cain.004.001.04** **FinancialResponseV04**

### 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 FinancialResponseV04 MessageDefinition is composed of 43 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme  
Programme, network, or brand processes the transaction.
- M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. TransactionAmounts

Amounts of the card transaction.

P. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

Q. OriginalDataElements

Data elements contained in the original message.

R. Acceptor

Card acceptor performing the card transaction.

S. Terminal

Payment terminal or ATM performing the transaction.

T. Context

Contains or describes conditions and characteristics of the transaction.

U. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

V. Token

Details of payment token.

W. Wallet

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

X. Cardholder

Cardholder performing the card payment transaction.

Y. Verification

Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Z. Risk

Context of risk associated with the transaction.

A. SpecialProgrammeQualification

A. Data to qualify for incentive or other related programmes.

AB Instalment

· Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

AC AdditionalService

· Additional functions or services to be performed in conjunction with the transaction.



- A AccountBalance
- D. Balance of the account involved in the card transaction.
- AE Jurisdiction
  - Contains information that identifies or is specific to a transaction jurisdiction.
- AF SettlementService
  - Type of settlement service for specific services requiring settlement.
- A AdditionalFee
- G. Fees not included in the transaction amount.
- A Reconciliation
- H. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- AI. DisputeData
  - Information about the dispute.
- AJ. Documentation
  - Additional information related to the dispute.
- A ProcessingResult
- K. Outcome of the processing of the authorisation.
- AL AddendumData
  - Component contains data structures applicable to certain industries that require specific data within transaction messages.
- A AdditionalData
- M. Contains additional data.
- A StrongCustomerAuthentication
- N. EU PSD2 Strong Consumer Authentication data.
- A ProtectedData
- O. Contains protected data and the attributes used to protect the data.
- AP SupplementaryData
  - Additional information that can not be captured in the structured fields and/or other specific block.
- A SecurityTrailer
- Q. Trailer of the message containing a MAC

## 23.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <FinRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		552
	TransactionCharacteristics <TxChrtcs>	[1..1]			552
	TransactionType <TxTp>	[1..1]	CodeSet		553
	TransactionSubType <TxSubTp>	[0..1]	Text		553
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		553
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		554
	Cancellation <Cxl>	[0..1]	Indicator		554
	MessageReason <MsgRsn>	[0..*]	CodeSet		554
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		555
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		555
	TransactionDescription <TxDesc>	[0..1]	Text		555
	AdditionalData <AddtlData>	[0..*]	±		555
	Originator <Orgtr>	[0..1]	±		555
	Acquirer <Acqrr>	[1..1]	±		556
	Sender <Sndr>	[0..1]	±		556
	Card <Card>	[0..1]	±		557
	AccountFrom <AcctFr>	[0..1]	±		557
	AccountTo <AcctTo>	[0..1]	±		558
	Receiver <Rcvr>	[0..1]	±		558
	Issuer <Issr>	[0..1]	±		559
	Destination <Dstn>	[0..1]	±		559
	Programme <Prgrmm>	[0..*]	±		559
	TransactionIdentification <TxId>	[1..1]	±		560
	ConversionDateTime <ConvsDtTm>	[0..1]	±		561
	TransactionAmounts <TxAmts>	[1..1]	±		562
	AdditionalAmount <AddtlAmt>	[0..*]	±		562
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		563
	Acceptor <Accptr>	[0..1]	±		563
	Terminal <Termnl>	[0..1]	±		564

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Context</b> <Cntxt>	[0..1]	±		564
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		566
	<b>Token</b> <Tkn>	[0..1]	±		566
	<b>Wallet</b> <Wlft>	[0..1]	±		566
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		567
	<b>Verification</b> <Vrfctn>	[0..*]	±		568
	<b>Risk</b> <Rsk>	[0..*]	±		569
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		569
	<b>Instalment</b> <Instlmt>	[0..1]	±		569
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		570
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		570
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			571
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		571
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		571
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		571
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		572
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		573
	<b>DisputeData</b> <DsptData>	[0..*]	±		573
	<b>Documentation</b> <Dcmnttn>	[0..*]	±		574
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		574
	<b>AddendumData</b> <AdddmData>	[0..1]	±		575
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		575
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			576
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		576
	<b>Exemption</b> <Xmptn>	[0..*]			576
	<b>Type</b> <Tp>	[1..1]	CodeSet		577
	<b>Value</b> <Val>	[1..1]	CodeSet		577
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		578
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		578
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		578
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		578

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		578
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	579
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		579

## 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

## 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 "[Header71](#)" on [page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrctcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <Xchgld>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 23.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		553
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		553
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		553
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		554
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		554
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		554
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		555
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		555
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		555
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		555

#### 23.4.2.1 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 1822

#### 23.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 23.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

CodeName	Name	Definition
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.

#### 23.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 23.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 23.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

23.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]  
*Definition:* Supports message reason codes that are not defined in external code list.  
*Datatype:* "Max256Text" on page 1863

23.4.2.8 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 1866

23.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]  
*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.  
*Datatype:* "Max1000Text" on page 1858

23.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]  
*Definition:* Contains additional data.  
**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

23.4.3 Originator <Orgtr>

*Presence:* [0..1]  
*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 23.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 23.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 23.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData12](#)" on page 1198 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1199
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1199
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1199
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1200
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1200
	Track3 <Trck3>	[0..1]	Text		1200
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1200
	PANAccountRange <PANAcctRg>	[0..1]	Text		1200
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1200
	Country <Ctry>	[0..1]	CodeSet		1200
	Currency <Ccy>	[0..1]	CodeSet	C2	1201
	ProductType <PdctTp>	[0..1]	Text		1201
	ProductSubType <PdctSubTp>	[0..1]	Text		1201
	PortfolioIdentifier <PrtflIdr>	[0..1]	Text		1201
	AdditionalData <AddtlData>	[0..*]	±		1201

## 23.4.7 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 "AccountDetails4" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 23.4.8 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 "AccountDetails4" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 23.4.9 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 23.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 23.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 23.4.12 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <Apldld>	[1..1]	Text		1197
	AdditionalIdentification <Addtlld>	[0..*]	±		1197

### 23.4.13 TransactionIdentification <Txld>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

## 23.4.14 ConversionDateTime <ConvDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 23.4.15 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

## 23.4.16 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 "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 23.4.17 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctr>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

## 23.4.18 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 23.4.19 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

## 23.4.20 Context <Cntxt>

*Presence:* [0..1]

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



**Context <Cntxt>** contains the following elements (see "Context20" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1578
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1578
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1578
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1579
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1579
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1579
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1580
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1580
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1580
	Transit <Trnst>	[0..1]	Indicator		1580
	Attended <Attndd>	[0..1]	Indicator		1581
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1581
	ECommerce <EComrc>	[0..1]	Indicator		1581
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1581
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1581
	ECommerceData <EComrcData>	[0..*]			1582
	Type <Tp>	[1..1]	Text		1582
	Value <Val>	[1..1]	Text		1582
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1582
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1582
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1582
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1583
	NoShow <NoShow>	[0..1]	Indicator		1583
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1583
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1583
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1584
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1584
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1584

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1585
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1585
	StorageLocation <StorgLctn>	[0..1]	Text		1585
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1585

### 23.4.21 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

### 23.4.22 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 23.4.23 Wallet <Wlft>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 23.4.24 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 23.4.25 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 "[Verification7](#)" on page 1776 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1776
	OtherType <OthrTp>	[0..1]	Text		1776
	SubType <SubTp>	[0..1]	Text		1776
	Entity <Ntty>	[0..1]	CodeSet		1777
	OtherEntity <OthrNtty>	[0..1]	Text		1777
	Result <Rslt>	[0..1]	CodeSet		1777
	OtherResult <OthrRslt>	[0..1]	Text		1778
	ResultDetails <RsltDtls>	[0..*]	±		1778
	AdditionalInformation <AddtlInf>	[0..1]	Text		1778

### 23.4.26 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "[RiskContext3](#)" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

### 23.4.27 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "[SpecialProgrammeQualification2](#)" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 23.4.28 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

## 23.4.29 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 23.4.30 AccountBalance <AcctBal>

*Presence:* [0..\*]

*Definition:* Balance of the account involved in the card transaction.

**AccountBalance <AcctBal>** contains the following elements (see "AccountBalance3" on page 1187 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

### 23.4.31 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		571
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		571

#### 23.4.31.1 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 1854):

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

#### 23.4.31.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 23.4.32 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 23.4.33 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 23.4.34 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 23.4.35 DisputeData <DsptData>

*Presence:* [0..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "[DisputeData4](#)" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

### 23.4.36 Documentation <Dcmnttn>

*Presence:* [0..\*]

*Definition:* Additional information related to the dispute.

**Documentation <Dcmnttn>** contains the following elements (see "[DisputeDocumentation1](#)" on page 1481 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Format <Frmt>	[0..1]	CodeSet		1481
	OtherFormat <OthrFrmt>	[0..1]	Text		1482
	Type <Tp>	[0..1]	Text		1482
	Value <Val>	[1..1]	Text		1482

### 23.4.37 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult22" on page 1756 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

### 23.4.38 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 "AddendumData7" on page 1253 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FleetLineItem <FleetLineitm>	[0..*]	±		1253
	AdditionalData <AddtlData>	[0..*]	±		1253

### 23.4.39 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData2](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 23.4.40 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		576
	<b>Exemption</b> <Xmptn>	[0..*]			576
	<b>Type</b> <Tp>	[1..1]	CodeSet		577
	<b>Value</b> <Val>	[1..1]	CodeSet		577
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		578
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		578
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		578
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		578

### 23.4.40.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1854):

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

### 23.4.40.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type &lt;Tp&gt;</b>	[1..1]	CodeSet		577
	<b>Value &lt;Val&gt;</b>	[1..1]	CodeSet		577
	<b>ReasonNotHonored &lt;RsnNotHnrd&gt;</b>	[0..*]	Text		578

#### 23.4.40.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* "Exemption2Code" on page 1811

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 23.4.40.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.

CodeName	Name	Definition
NHON	NotHonored	Attestation failed validation.

#### 23.4.40.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 23.4.40.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 23.4.40.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 23.4.40.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 23.4.41 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 23.4.42 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 23.4.43 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 24 cain.005.001.04 ReversalInitiationV04

### 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 ReversalInitiationV04 MessageDefinition is composed of 39 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme



Programme, network, or brand processes the transaction.

M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. TransactionAmounts

Amounts of the card transaction.

P. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

Q. OriginalDataElements

Data elements contained in the original message.

R. Acceptor

Card acceptor performing the card transaction.

S. Terminal

Payment terminal or ATM performing the transaction.

T. Context

Context of the reversal transaction.

U. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

V. Payer

The party providing source of funds.

W. Payee

The party receiving funds.

X. Token

Details of payment token.

Y. Wallet

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

Z. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

A AccountBalance

A. Balance of the account involved in the card transaction.

AB AdditionalService

Additional functions or services to be performed in conjunction with the transaction.

AC FundsServices

- Financial services related to the account.

A DepositDetails

- D. Contains ATM deposit details.

AE Jurisdiction

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

AF SettlementService

- Type of settlement service for specific services requiring settlement.

A AdditionalFee

- G. Fees not included in the transaction amount.

A Reconciliation

- H. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

AI. ProcessingResult

Outcome of the processing of the authorisation.

AJ. AdditionalData

Contains additional data.

A ProtectedData

- K. Contains protected data and the attributes used to protect the data.

AL SupplementaryData

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

A SecurityTrailer

- M. 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]	±		585
	<b>TransactionCharacteristics</b> <TxChrtcs>	[1..1]			585
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		586
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		586
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		586
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		587
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		587
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		587
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		587
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		587
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		587
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		588
	<b>Originator</b> <Orgtr>	[0..1]	±		588
	<b>Acquirer</b> <Acqrr>	[1..1]	±		588
	<b>Sender</b> <Sndr>	[0..1]	±		589
	<b>Card</b> <Card>	[0..1]	±		589
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		590
	<b>AccountTo</b> <AcctTo>	[0..1]	±		590
	<b>Receiver</b> <Rcvr>	[0..1]	±		591
	<b>Issuer</b> <Issr>	[0..1]	±		591
	<b>Destination</b> <Dstn>	[0..1]	±		592
	<b>Programme</b> <Prgrmm>	[0..1]	±		592
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		592
	<b>ConversionDateTime</b> <ConvsDtTm>	[0..1]	±		593
	<b>TransactionAmounts</b> <TxAmts>	[1..1]	±		594
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		594
	<b>OriginalDataElements</b> <OrgnlDataElmts>	[0..1]	±		595
	<b>Acceptor</b> <Accptr>	[0..1]	±		595
	<b>Terminal</b> <Termnl>	[0..1]	±		597

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Context</b> <Cntxt>	[0..1]	±		597
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Text		599
	<b>Payer</b> <Pyer>	[0..1]	±		599
	<b>Payee</b> <Pyee>	[0..1]	±		600
	<b>Token</b> <Tkn>	[0..1]	±		601
	<b>Wallet</b> <Wlft>	[0..1]	±		602
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		603
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		604
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		604
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		604
	<b>DepositDetails</b> <DpstDtls>	[0..*]	±		605
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			605
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		605
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		606
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		606
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		606
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		607
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		607
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		608
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		608
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	609
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		609

## 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 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 24.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		586
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		586
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		586
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		587
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		587
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		587
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		587
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		587
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		587
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		588

### 24.4.2.1 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 1822

### 24.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 24.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

#### 24.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 24.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 24.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

#### 24.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 24.4.2.8 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 1866

#### 24.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

#### 24.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 24.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 24.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.



**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 24.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 24.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData13](#)" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <Prtflldr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

## 24.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 24.4.8 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 ["AccountDetails4"](#) on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 24.4.9 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 24.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 24.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 24.4.12 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode4](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtlId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

## 24.4.13 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

## 24.4.14 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 24.4.15 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

## 24.4.16 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 "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 24.4.17 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctr>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

## 24.4.18 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptor>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648



### 24.4.19      Terminal <Termnl>

*Presence:* [0..1]  
*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see ["Terminal8"](#) on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

### 24.4.20      Context <Cntxt>

*Presence:* [0..1]  
*Definition:* Context of the reversal transaction.

**Context <Cntxt>** contains the following elements (see "Context21" on page 1565 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1567
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1567
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1568
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1568
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1568
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1568
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1568
	CardPresent <CardPres>	[0..1]	Indicator		1568
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1569
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1569
	TransponderInitiated <TrnspndrInittdd>	[0..1]	Indicator		1569
	Transit <Trnst>	[0..1]	Indicator		1570
	Attended <Attndd>	[0..1]	Indicator		1570
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1570
	ECommerce <EComrc>	[0..1]	Indicator		1570
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1570
	ECommerceData <EComrcData>	[0..*]			1571
	Type <Tp>	[1..1]	Text		1571
	Value <Val>	[1..1]	Text		1571
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1571
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1571
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1571
	NoShow <NoShow>	[0..1]	Indicator		1572
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1572
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1572
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1572
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1573
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1573
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1573
	SplitPayment <Spltpmt>	[0..1]	Indicator		1573

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1574
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1574
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1575
	StorageLocation <StorgLctn>	[0..1]	Text		1575
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1575
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1575
	CaptureDate <CaptrDt>	[0..1]	Date		1575
	DateAnticipated <DtAntcptd>	[0..1]	Date		1576
	AdditionalData <AddtlData>	[0..*]	±		1576

## 24.4.21 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

## 24.4.22 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 24.4.23 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 24.4.24 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittedInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 24.4.25 Wallet <Wlft>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdlVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 24.4.26 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 24.4.27 AccountBalance <AcctBal>

*Presence:* [0..\*]

*Definition:* Balance of the account involved in the card transaction.

**AccountBalance <AcctBal>** contains the following elements (see ["AccountBalance3"](#) on page 1187 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

## 24.4.28 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 24.4.29 FundsServices <FndsSvcs>

*Presence:* [0..1]

*Definition:* Financial services related to the account.



**FundsServices <FndsSvcs>** contains the following elements (see "FundingService3" on page 1472 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1472
	Name <Nm>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1473
	BusinessPurpose <BizPurp>	[0..1]	Text		1473
	Description <Desc>	[0..1]	Text		1473
	FundingSource <FndgSrc>	[0..*]	±		1473
	ClaimCredentials <CImCrntls>	[0..1]	Text		1473
	ClaimAssigner <CImAssgnr>	[0..1]	Text		1473

### 24.4.30 DepositDetails <DpstDtls>

*Presence:* [0..\*]

*Definition:* Contains ATM deposit details.

**DepositDetails <DpstDtls>** contains the following elements (see "DepositDetails3" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1453
	OtherType <OthrTp>	[0..1]	Text		1454
	Amount <Amt>	[0..1]	Amount		1454
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1454

### 24.4.31 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		605
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		606

#### 24.4.31.1 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 1854):

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

#### 24.4.31.2 DomesticQualification <DmstQlfcnt>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 24.4.32 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService5"](#) on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

### 24.4.33 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 24.4.34 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 24.4.35 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqr>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

### 24.4.36 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 24.4.37 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 24.4.38 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 24.4.39 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 25 cain.006.001.04 ReversalResponseV04

### 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 ReversalResponseV04 MessageDefinition is composed of 33 MessageBuildingBlocks:

- A. Header
  - Information related to the management of the protocol.
- B. TransactionCharacteristics
  - Contains the key data elements of the transaction.
- C. Originator
  - Identifies the originator of the transaction.
- D. Acquirer
  - Identification of the acquirer.
- E. Sender
  - Party sending the message to another intermediary agent or to the final destination.
- F. Card
  - Card or payment token performing the transaction.
- G. AccountFrom
  - Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo
  - Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver
  - Party receiving the message from the origin or from an intermediary agent.
- J. Issuer
  - Information related to the issuer.
- K. Destination
  - Identifies the destination of the transaction.
- L. Programme
  - Programme, network, or brand processes the transaction.
- M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. TransactionAmounts

Amounts of the card transaction.

P. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

Q. OriginalDataElements

Data elements contained in the original message.

R. Acceptor

Card acceptor performing the card transaction.

S. Terminal

Payment terminal or ATM performing the transaction.

T. Context

Context of the reversal transaction.

U. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

V. Token

Details of payment token.

W. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

X. AdditionalService

Additional functions or services to be performed in conjunction with the transaction.

Y. Jurisdiction

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

Z. SettlementService

Type of settlement service for specific services requiring settlement.

A AdditionalFee

A. Fees not included in the transaction amount.

AB Reconciliation

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

AC ProcessingResult

· Outcome of the processing of the authorisation.

A AdditionalData

D. Contains additional data.

AE ProtectedData

· Contains protected data and the attributes used to protect the data.

AF SupplementaryData

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

A SecurityTrailer

G. Trailer of the message containing a MAC



## 25.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RvslRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		614
	TransactionCharacteristics <TxChrtcs>	[1..1]			615
	TransactionType <TxTp>	[1..1]	CodeSet		615
	TransactionSubType <TxSubTp>	[0..1]	Text		616
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		616
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		617
	Cancellation <Cxl>	[0..1]	Indicator		617
	MessageReason <MsgRsn>	[0..*]	CodeSet		617
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		617
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		617
	TransactionDescription <TxDesc>	[0..1]	Text		617
	AdditionalData <AddtlData>	[0..*]	±		617
	Originator <Orgtr>	[0..1]	±		618
	Acquirer <Acqrr>	[1..1]	±		618
	Sender <Sndr>	[0..1]	±		619
	Card <Card>	[0..1]	±		619
	AccountFrom <AcctFr>	[0..1]	±		620
	AccountTo <AcctTo>	[0..1]	±		620
	Receiver <Rcvr>	[0..1]	±		621
	Issuer <Issr>	[0..1]	±		621
	Destination <Dstn>	[0..1]	±		622
	Programme <Prgrmm>	[0..*]	±		622
	TransactionIdentification <TxId>	[1..1]	±		622
	ConversionDateTime <ConvsDtTm>	[0..1]	±		623
	TransactionAmounts <TxAmts>	[1..1]	±		624
	AdditionalAmount <AddtlAmt>	[0..*]	±		624
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		625
	Acceptor <Accptr>	[0..1]	±		625
	Terminal <Termnl>	[0..1]	±		626

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Context</b> <Cntxt>	[0..1]	±		626
	<b>ICCRelatedData</b> <ICCRltdData>	[0..1]	Text		627
	<b>Token</b> <Tkn>	[0..1]	±		627
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		628
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		628
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			629
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		629
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		629
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		629
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		630
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		631
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		631
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		632
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		632
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	633
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		633

## 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

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 25.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		615
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		616
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		616
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		617
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		617
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		617
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		617
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		617
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		617
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		617

### 25.4.2.1 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 1822

### 25.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 25.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

#### 25.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 25.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 25.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

#### 25.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 25.4.2.8 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 1866

#### 25.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

#### 25.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 25.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 25.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 25.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 25.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData13](#)" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <Prtflldr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

## 25.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 25.4.8 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 25.4.9 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 25.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 25.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 25.4.12 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 25.4.13 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

## 25.4.14 ConversionDateTime <ConvDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 25.4.15 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

## 25.4.16 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 "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 25.4.17 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctr>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

## 25.4.18 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 25.4.19 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

## 25.4.20 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the reversal transaction.

**Context <Cntxt>** contains the following elements (see "Context22" on page 1563 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1563
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1563
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1563
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1563
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1564
	NoShow <NoShow>	[0..1]	Indicator		1564
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1564
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1564
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1564
	AdditionalData <AddtlData>	[0..*]	±		1565

## 25.4.21 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

## 25.4.22 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 25.4.23 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 25.4.24 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 25.4.25 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		629
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		629

### 25.4.25.1 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 1854):

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

### 25.4.25.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

## 25.4.26 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 25.4.27 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 25.4.28 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 25.4.29 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult22" on page 1756 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

### 25.4.30 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 25.4.31 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 25.4.32 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 25.4.33 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 26 cain.014.001.03 RetrievalFulfilmentInitiationV03

### 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 RetrievalFulfilmentInitiationV03 MessageDefinition is composed of 32 MessageBuildingBlocks:

- A. Header  
Information related to the protocol management.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.

- 
- L. ConversionDateTime  
Date and Time of currency conversion.
  - M. Acceptor  
Card acceptor performing the card transaction.
  - N. Terminal  
Payment terminal or ATM performing the transaction.
  - O. Context  
Context of the transaction.
  - P. Payer  
The party providing source of funds.
  - Q. Payee  
The party receiving funds.
  - R. Token  
Details of payment token.
  - S. Wallet  
Container for tenders used by the customer to perform the payment transaction.
  - T. SpecialProgrammeQualification  
Data to qualify for incentive or other related programmes.
  - U. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.
  - V. SettlementService  
Type of settlement service for specific services requiring settlement.
  - W. AdditionalFee  
Fees not included in the transaction amount.
  - X. Reconciliation  
Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
  - Y. DisputeData  
Information about the dispute.
  - Z. OriginalTransaction  
Contains details of the original transaction.
  - A RetrievalFulfilmentInstructions
  - A. Fulfilment request instructions for the retrieval.
  - AB ProcessingResult  
Outcome of the processing of the authorisation.

AC AdditionalData

- Contains additional data.

A ProtectedData

- D. Contains protected data and the attributes used to protect the data.

AE SupplementaryData

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

AF SecurityTrailer

- Trailer of the message containing a MAC.



## 26.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RtrvFIflmtlnitn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		638
	<b>TransactionCharacteristics</b> <TxChrtcs>	[0..1]			639
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		639
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		640
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		640
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		640
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		641
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		641
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		641
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		641
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		641
	<b>Originator</b> <Orgtr>	[0..1]	±		641
	<b>Acquirer</b> <Acqrr>	[1..1]	±		642
	<b>Sender</b> <Sndr>	[0..1]	±		642
	<b>Card</b> <Card>	[0..1]	±		643
	<b>Receiver</b> <Rcvr>	[0..1]	±		643
	<b>Issuer</b> <Issr>	[0..1]	±		644
	<b>Destination</b> <Dstn>	[0..1]	±		644
	<b>Programme</b> <Prgrmm>	[0..*]	±		645
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		645
	<b>ConversionDateTime</b> <ConvsDtTm>	[0..1]	±		646
	<b>Acceptor</b> <Accptr>	[0..1]	±		646
	<b>Terminal</b> <Termnl>	[0..1]	±		647
	<b>Context</b> <Cntxt>	[0..1]	±		647
	<b>Payer</b> <Pyer>	[0..1]	±		649
	<b>Payee</b> <Pyee>	[0..1]	±		650
	<b>Token</b> <Tkn>	[0..1]	±		651
	<b>Wallet</b> <Wllt>	[0..1]	±		652
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcfn>	[0..*]	±		653

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			654
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		654
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		654
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		654
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		655
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		656
	<b>DisputeData</b> <DsptData>	[1..*]	±		656
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		657
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFlfmtlnstrs>	[0..*]	±		659
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		660
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		661
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		661
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	661
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		662

## 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 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.

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 26.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		639
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		640
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		640
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		640
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		641
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		641
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		641
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		641
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		641

### 26.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822

### 26.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 26.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

### 26.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

26.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

26.4.2.6 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 1821

26.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

26.4.2.8 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

26.4.2.9 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

26.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 26.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 26.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 26.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "CardData13" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

## 26.4.7 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 26.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 26.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.



**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 26.4.10 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 26.4.11 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification54" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

## 26.4.12 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 26.4.13 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 26.4.14 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

## 26.4.15 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the transaction.

**Context <Cntxt>** contains the following elements (see "Context24" on page 1535 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1537
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1538
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1538
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1538
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1538
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1539
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1539
	CardPresent <CardPres>	[0..1]	Indicator		1539
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1539
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1539
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1540
	Transit <Trnst>	[0..1]	Indicator		1540
	Attended <Attndd>	[0..1]	Indicator		1540
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1540
	ECommerce <EComrc>	[0..1]	Indicator		1541
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1541
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1541
	ECommerceData <EComrcData>	[0..*]			1541
	Type <Tp>	[1..1]	Text		1541
	Value <Val>	[1..1]	Text		1541
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1542
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1542
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1542
	NoShow <NoShow>	[0..1]	Indicator		1542
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1542
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1543
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1543
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1543
	DeferredDelivery <DfrddDlvry>	[0..1]	Indicator		1543
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1544
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1544
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1544
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1545
	StorageLocation <StorgLctn>	[0..1]	Text		1545
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1546
	PaymentCredentialMerchantRelationship <PmtCrndtlMrchntRltsh>	[0..1]	Indicator		1546
	CaptureDate <CaptrDt>	[0..1]	Date		1546
	DateAnticipated <DtAntcptd>	[0..1]	Date		1546
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1546
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1546
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1547
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1547
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1547
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1548
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1548
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1548
	ReceiptRequest <RctReq>	[0..1]	Indicator		1548
	ReceiptType <RctTp>	[0..*]	CodeSet		1548
	ReceiptDestination <RctDstrn>	[0..1]	Text		1549
	AdditionalData <AddtlData>	[0..*]	±		1549

## 26.4.16 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 26.4.17 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 26.4.18 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 26.4.19 Wallet <Wlft>

*Presence:* [0..1]

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



**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 26.4.20 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 26.4.21 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		654
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		654

#### 26.4.21.1 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 1854):

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

#### 26.4.21.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]  
*Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.  
*Datatype:* ["Max35Text"](#) on page 1864

### 26.4.22 SettlementService <SttlmSvc>

*Presence:* [0..1]  
*Definition:* Type of settlement service for specific services requiring settlement.

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 26.4.23 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 26.4.24 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 26.4.25 DisputeData <DsptData>

*Presence:* [1..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "DisputeData4" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

## 26.4.26 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Contains details of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "OriginalTransaction3" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCharacteristics <TxChrtcs>	[0..1]	±		1490
	Originator <Orgtr>	[0..1]	±		1491
	Acquirer <Acqrr>	[0..1]	±		1491
	Sender <Sndr>	[0..1]	±		1492
	Card <Card>	[1..1]	±		1492
	AccountFrom <AcctFr>	[0..1]	±		1493
	AccountTo <AcctTo>	[0..1]	±		1493
	Receiver <Rcvr>	[0..1]	±		1494
	Issuer <Issr>	[0..1]	±		1494
	Destination <Dstr>	[0..1]	±		1495
	Programme <Prgrmm>	[0..1]	±		1495
	TransactionIdentification <TxId>	[0..1]	±		1495
	ConversionDateTime <ConvvsDtTm>	[0..1]	±		1496
	ExchangeRate <XchgRate>	[0..*]			1496
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAmounts <TxAmts>	[0..1]	±		1500
	AdditionalAmount <AddtlAmt>	[0..*]	±		1501
	Acceptor <Accptr>	[0..1]	±		1501
	Terminal <Termnl>	[0..1]	±		1503
	POIComponent <POICmpnt>	[0..*]	±		1505
	Context <Cntxt>	[0..1]	±		1505
	Payer <Pyer>	[0..1]	±		1508
	Payee <Pyee>	[0..1]	±		1509
	Token <Tkn>	[0..1]	±		1510
	CustomerDevice <CstmrDvc>	[0..1]	±		1511
	Wallet <Wlt>	[0..1]	±		1512
	Cardholder <Crhdldr>	[0..1]	±		1513
	Verification <Vrfctn>	[0..*]	±		1514
	Risk <Rsk>	[0..*]	±		1515
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1515
	AdditionalService <AddtlSvc>	[0..*]	±		1515
	FundsServices <FndsSvcs>	[0..1]	±		1516
	DepositDetails <DpstDtls>	[0..*]	±		1516
	Jurisdiction <Jursdctn>	[0..1]			1517
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517
	SettlementService <SttlmSvc>	[0..1]	±		1517
	AdditionalFee <AddtlFee>	[0..*]	±		1518
	Reconciliation <Rcncltn>	[0..1]	±		1519
	DisputeData <DsptData>	[0..*]	±		1519
	Documentation <Dcmnttn>	[0..*]	±		1520
	ProcessingResult <PrcgRslt>	[0..1]	±		1520

## 26.4.27 RetrievalFulfilmentInstructions <RtrvIFlfmtlnstrs>

*Presence:* [0..\*]

*Definition:* Fulfilment request instructions for the retrieval.

**RetrievalFulfilmentInstructions <RtrvIFlmtInstrs>** contains the following elements (see "RetrievalFulfilmentInstructions3" on page 1611 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedMethod <ReqdMtd>	[0..*]	Text		1611
	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1611
	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1612
	Contact <Ctct>	[0..1]			1612
	Name <Nm>	[0..1]	Text		1612
	GivenName <GvnNm>	[0..1]	Text		1612
	MiddleName <MddlNm>	[0..1]	Text		1612
	LastName <LastNm>	[0..1]	Text		1613
	Phone <Phne>	[0..1]	Text		1613
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1613
	TollFreePhone <TollFreePhne>	[0..1]	Text		1613
	Email <Email>	[0..1]	Text		1613
	Fax <Fax>	[0..1]	Text		1613
	URL <URL>	[0..1]	Text		1613
	Language <Lang>	[0..1]	CodeSet		1613
	PostalAddress <PstlAdr>	[0..1]	±		1613
	Recipient <Rcpt>	[0..1]	CodeSet		1614
	Target <Trgt>	[0..*]	CodeSet		1615
	Format <Frmt>	[0..1]	CodeSet		1615
	Type <Tp>	[0..1]	Text		1615
	Value <Val>	[1..1]	Text		1615

## 26.4.28 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.



**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult25" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1747
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1747
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1748
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1748
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1748
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1748
	ResponseCode <RspnCd>	[0..1]	CodeSet		1749
	ApprovalCode <ApprvlCd>	[0..1]	Text		1749
	AdditionalInformation <AddtlInf>	[0..*]	±		1749

## 26.4.29 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 26.4.30 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 26.4.31 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 26.4.32 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 27 cain.015.001.03 RetrievalFulfilmentResponseV03

### 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 RetrievalFulfilmentResponseV03 MessageDefinition is composed of 32 MessageBuildingBlocks:

- A. Header  
Information related to the protocol management.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.
- L. ConversionDateTime  
Date and Time of currency conversion.
- M. Acceptor  
Card acceptor performing the card transaction.

N. Terminal

Payment terminal or ATM performing the transaction.

O. Context

Context of the transaction.

P. Payer

The party providing source of funds.

Q. Payee

The party receiving funds.

R. Token

Details of payment token.

S. Wallet

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

T. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

U. Jurisdiction

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

V. SettlementService

Type of settlement service for specific services requiring settlement.

W. AdditionalFee

Fees not included in the transaction amount.

X. Reconciliation

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

Y. DisputeData

Information about the dispute.

Z. RetrievalFulfilmentInstructions

Fulfilment request instructions for the retrieval.

A ProcessingResult

A. Outcome of the processing of the authorisation.

AB OriginalResponseCode

· Original Response code.

AC AdditionalData

· Contains additional data.

A ProtectedData

D. Contains protected data and the attributes used to protect the data.

AE SupplementaryData

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

AF SecurityTrailer

- Trailer of the message containing a MAC.

## 27.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RtrvIfFmtRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		667
	TransactionCharacteristics <TxChrtcs>	[0..1]			668
	TransactionType <TxTp>	[0..1]	CodeSet		668
	TransactionSubType <TxSubTp>	[0..1]	Text		669
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		669
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		669
	Cancellation <Cxl>	[0..1]	Indicator		670
	MessageReason <MsgRsn>	[0..*]	CodeSet		670
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		670
	TransactionDescription <TxDesc>	[0..1]	Text		670
	AdditionalData <AddtlData>	[0..*]	±		670
	Originator <Orgtr>	[0..1]	±		670
	Acquirer <Acqrr>	[1..1]	±		671
	Sender <Sndr>	[0..1]	±		671
	Card <Card>	[0..1]	±		672
	Receiver <Rcvr>	[0..1]	±		672
	Issuer <Issr>	[0..1]	±		673
	Destination <Dstn>	[0..1]	±		673
	Programme <Prgrmm>	[0..*]	±		674
	TransactionIdentification <TxId>	[0..1]	±		674
	ConversionDateTime <ConvsDtTm>	[0..1]	±		675
	Acceptor <Accptr>	[0..1]	±		675
	Terminal <Termnl>	[0..1]	±		676
	Context <Cntxt>	[0..1]	±		676
	Payer <Pyer>	[0..1]	±		678
	Payee <Pyee>	[0..1]	±		679
	Token <Tkn>	[0..1]	±		680
	Wallet <Wllt>	[0..1]	±		681
	SpecialProgrammeQualification <SpclPrgrmmQlfcfn>	[0..*]	±		682

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			683
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		683
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		683
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		683
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		684
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		685
	<b>DisputeData</b> <DsptData>	[1..*]	±		685
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFllmtlnstrs>	[0..*]	±		686
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		687
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		688
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		688
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		688
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	689
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		689

## 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 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 27.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		668
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		669
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		669
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		669
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		670
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		670
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		670
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		670
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		670

### 27.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822



### 27.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 27.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

### 27.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

**27.4.2.5 Cancellation <Cxl>**

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

**27.4.2.6 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 1821

**27.4.2.7 AlternateMessageReason <AltrnMsgRsn>**

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

**27.4.2.8 TransactionDescription <TxDesc>**

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

**27.4.2.9 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**27.4.3 Originator <Orgtr>**

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 27.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 27.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 27.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "CardData13" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

## 27.4.7 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 27.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 27.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 27.4.10 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 27.4.11 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification54" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

## 27.4.12 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 27.4.13 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 27.4.14 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

## 27.4.15 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the transaction.



**Context <Cntxt>** contains the following elements (see "Context24" on page 1535 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1537
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1538
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1538
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1538
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1538
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1539
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1539
	CardPresent <CardPres>	[0..1]	Indicator		1539
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1539
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1539
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1540
	Transit <Trnst>	[0..1]	Indicator		1540
	Attended <Attndd>	[0..1]	Indicator		1540
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1540
	ECommerce <EComrc>	[0..1]	Indicator		1541
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1541
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1541
	ECommerceData <EComrcData>	[0..*]			1541
	Type <Tp>	[1..1]	Text		1541
	Value <Val>	[1..1]	Text		1541
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1542
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1542
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1542
	NoShow <NoShow>	[0..1]	Indicator		1542
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1542
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1543
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1543
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1543
	DeferredDelivery <DfrddDlvry>	[0..1]	Indicator		1543
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1544
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1544
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1544
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1545
	StorageLocation <StorgLctn>	[0..1]	Text		1545
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1546
	PaymentCredentialMerchantRelationship <PmtCrndtlMrchntRltsh>	[0..1]	Indicator		1546
	CaptureDate <CaptrDt>	[0..1]	Date		1546
	DateAnticipated <DtAntcptd>	[0..1]	Date		1546
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1546
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1546
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1547
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1547
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1547
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1548
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1548
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1548
	ReceiptRequest <RctReq>	[0..1]	Indicator		1548
	ReceiptType <RctTp>	[0..*]	CodeSet		1548
	ReceiptDestination <RctDstrn>	[0..1]	Text		1549
	AdditionalData <AddtlData>	[0..*]	±		1549

## 27.4.16 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 27.4.17 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 27.4.18 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 27.4.19 Wallet <Wlft>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 27.4.20 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 27.4.21 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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		683
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		683

### 27.4.21.1 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 1854):

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

### 27.4.21.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

## 27.4.22 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 27.4.23 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 27.4.24 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 27.4.25 DisputeData <DsptData>

*Presence:* [1..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "DisputeData4" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

## 27.4.26 RetrievalFulfilmentInstructions <RtrvFlfmtlnstrs>

*Presence:* [0..\*]

*Definition:* Fulfilment request instructions for the retrieval.

**RetrievalFulfilmentInstructions <RtrvIFlmtInstrs>** contains the following elements (see "RetrievalFulfilmentInstructions3" on page 1611 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedMethod <ReqdMtd>	[0..*]	Text		1611
	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1611
	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1612
	Contact <Ctct>	[0..1]			1612
	Name <Nm>	[0..1]	Text		1612
	GivenName <GvnNm>	[0..1]	Text		1612
	MiddleName <MddlNm>	[0..1]	Text		1612
	LastName <LastNm>	[0..1]	Text		1613
	Phone <Phne>	[0..1]	Text		1613
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1613
	TollFreePhone <TollFreePhne>	[0..1]	Text		1613
	Email <Email>	[0..1]	Text		1613
	Fax <Fax>	[0..1]	Text		1613
	URL <URL>	[0..1]	Text		1613
	Language <Lang>	[0..1]	CodeSet		1613
	PostalAddress <PstlAdr>	[0..1]	±		1613
	Recipient <Rcpt>	[0..1]	CodeSet		1614
	Target <Trgt>	[0..*]	CodeSet		1615
	Format <Frmt>	[0..1]	CodeSet		1615
	Type <Tp>	[0..1]	Text		1615
	Value <Val>	[1..1]	Text		1615

## 27.4.27 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult23" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

## 27.4.28 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* "ISO8583ResponseCode" on page 1822

## 27.4.29 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 27.4.30 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 27.4.31 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 27.4.32 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 28      **cain.016.001.03** **InquiryInitiationV03**

### 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 InquiryInitiationV03 MessageDefinition is composed of 41 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- I. Issuer  
Information related to the issuer.
- J. Destination  
Identifies the destination of the transaction.
- K. Programme  
Programme, network, or brand processes the transaction.
- L. TransactionIdentification  
Identification of the transaction.
- M. ConversionDateTime  
Date and Time of currency conversion.

N. ExchangeRate

Further detailed information on the exchange rates that have been used in or are related to the transaction.

O. TransactionAmounts

Amounts of the card transaction.

P. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

Q. Acceptor

Card acceptor performing the card transaction.

R. Terminal

Payment terminal or ATM performing the transaction.

S. POIComponent

Data related to the components of the POI (Point Of Interaction) performing the transactions.

T. Context

Contains or describes conditions and characteristics of the transaction.

U. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

V. Token

Details of payment token.

W. CustomerDevice

Identification of the customer device performing the transaction.

X. Wallet

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

Y. Cardholder

Cardholder performing the card payment transaction.

Z. Verification

Contain validation result and/or data to be validated.

A Risk

- A. Context of risk associated with the transaction.

AB SpecialProgrammeQualification

- Data to qualify for incentive or other related programmes.

AC Instalment

- Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

A AdditionalService

D.

Additional functions or services to be performed in conjunction with the transaction.

AE Jurisdiction

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

AF SettlementService

- Type of settlement service for specific services requiring settlement.

A AdditionalFee

- G. Fees not included in the transaction amount.

A Reconciliation

- H. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

AI. OriginalResponseCode

Original response code.

AJ. ProcessingResult

Outcome of the processing of the authorisation.

A AdditionalData

- K. Contains additional data.

AL StrongCustomerAuthentication

- EU PSD2 Strong Consumer Authentication data.

A ProtectedData

- M. Contains protected data and the attributes used to protect the data.

A SupplementaryData

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

A SecurityTrailer

- O. 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]	±		695
	<b>TransactionCharacteristics</b> <TxChrtcs>	[1..1]			696
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		696
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		696
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		697
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		697
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		697
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		697
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		697
	<b>Originator</b> <Orgtr>	[0..1]	±		697
	<b>Acquirer</b> <Acqrr>	[1..1]	±		698
	<b>Sender</b> <Sndr>	[0..1]	±		698
	<b>Card</b> <Card>	[0..1]	±		699
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		700
	<b>Receiver</b> <Rcvr>	[0..1]	±		700
	<b>Issuer</b> <Issr>	[0..1]	±		700
	<b>Destination</b> <Dstn>	[0..1]	±		701
	<b>Programme</b> <Prgrmm>	[0..1]	±		701
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		702
	<b>ConversionDateTime</b> <ConvsDtTm>	[0..1]	±		703
	<b>ExchangeRate</b> <XchgRate>	[0..*]			703
	<b>Provider</b> <Prvdr>	[0..1]	Text		703
	<b>Identification</b> <Id>	[0..1]	Text		704
	<b>Date</b> <Dt>	[0..1]	Date		704
	<b>Time</b> <Tm>	[0..1]	Time		704
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		704
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		704
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	704
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	705

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Rate</b> <Rate>	[0..1]	Rate		705
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		705
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		705
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		706
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		706
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		706
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		706
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		706
	<b>TransactionAmounts</b> <TxAmts>	[0..1]	±		707
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		707
	<b>Acceptor</b> <Accptr>	[1..1]	±		707
	<b>Terminal</b> <Termnl>	[0..1]	±		709
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		711
	<b>Context</b> <Cntxt>	[1..1]	±		711
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		713
	<b>Token</b> <Tkn>	[0..1]	±		713
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		714
	<b>Wallet</b> <Wllt>	[0..1]	±		715
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		716
	<b>Verification</b> <Vrfctn>	[0..*]	±		717
	<b>Risk</b> <Rsk>	[0..*]	±		718
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		718
	<b>Instalment</b> <Instlmt>	[0..1]	±		719
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		719
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			719
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		720
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		720
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		720
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		721
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		722
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		722

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		723
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		723
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			723
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		724
	<b>Exemption</b> <Xmptn>	[0..*]			724
	<b>Type</b> <Tp>	[1..1]	CodeSet		724
	<b>Value</b> <Val>	[1..1]	CodeSet		725
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		725
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		725
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		726
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		726
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		726
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	726
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		727

## 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 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.

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 28.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		696
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		696
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		697
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		697
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		697
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		697
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		697

### 28.4.2.1 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 1822

### 28.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

**28.4.2.3 Cancellation <Cxl>**

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

**28.4.2.4 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 1821

**28.4.2.5 AlternateMessageReason <AltrnMsgRsn>**

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

**28.4.2.6 TransactionDescription <TxDesc>**

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

**28.4.2.7 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**28.4.3 Originator <Orgtr>**

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 28.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 28.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 28.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData11](#)" on page 1205 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1205
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208

## 28.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 28.4.8 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 28.4.9 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.



**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 28.4.10 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 28.4.11 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see ["ProgrammeMode4"](#) on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIdId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

## 28.4.12 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentification54"](#) on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

## 28.4.13 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 28.4.14 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate <XchgRate>** contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		703
	<b>Identification</b> <Id>	[0..1]	Text		704
	<b>Date</b> <Dt>	[0..1]	Date		704
	<b>Time</b> <Tm>	[0..1]	Time		704
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		704
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		704
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	704
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	705
	<b>Rate</b> <Rate>	[0..1]	Rate		705
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		705
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		705
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		706
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		706
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		706
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		706
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		706

### 28.4.14.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

#### 28.4.14.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the specific rate, table or file that contains the rate information.

*Datatype:* "Max70Text" on page 1867

#### 28.4.14.3 Date <Dt>

*Presence:* [0..1]

*Definition:* The date the exchange rate data is effective.

*Datatype:* "ISODate" on page 1854

#### 28.4.14.4 Time <Tm>

*Presence:* [0..1]

*Definition:* The time the exchange rate data is effective.

*Datatype:* "ISOTime" on page 1869

#### 28.4.14.5 EndPoint <EndPt>

*Presence:* [0..1]

*Definition:* Identifies the party to which this detail applies.

*Datatype:* "Endpoint1Code" on page 1810

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.

#### 28.4.14.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined endpoint.

*Datatype:* "Max35Text" on page 1864

#### 28.4.14.7 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 1821

#### Constraints

- **ValidationByTable**

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

### 28.4.14.8 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 1821

#### Constraints

- **ValidationByTable**

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

### 28.4.14.9 Rate <Rate>

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

### 28.4.14.10 RateType <RateTp>

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

### 28.4.14.11 OtherRateType <OthrRateTp>

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864

#### 28.4.14.12 AgreementType <AgrmtTp>

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

#### 28.4.14.13 OtherAgreementType <OthrAgrmtTp>

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

#### 28.4.14.14 RateLockRequested <RateLckReqd>

*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 1854):

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

#### 28.4.14.15 RateLockEligible <RateLckElgbl>

*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 1854):

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

#### 28.4.14.16 RateLockApplied <RateLckApld>

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

## 28.4.15 TransactionAmounts <TxAmts>

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts4](#)" on page 1173 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1174
	Amount <Amt>	[0..1]	Amount		1174
	Currency <Ccy>	[0..1]	CodeSet	C2	1174
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1175
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1175
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1175
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1175
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1175
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1176
	DetailedAmount <DtldAmt>	[0..*]	±		1176

## 28.4.16 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 "[AdditionalAmounts4](#)" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 28.4.17 Acceptor <Accptr>

*Presence:* [1..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptr>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648



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## 28.4.18      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

## 28.4.19 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

## 28.4.20 Context <Cntxt>

*Presence:* [1..1]

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

**Context <Cntxt>** contains the following elements (see "Context23" on page 1549 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1551
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1552
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1552
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1552
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1552
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1553
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1553
	CardPresent <CardPres>	[0..1]	Indicator		1553
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1553
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1553
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1554
	Transit <Trnst>	[0..1]	Indicator		1554
	Attended <Attndd>	[0..1]	Indicator		1554
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1554
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1555
	ECommerce <EComrc>	[0..1]	Indicator		1555
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1555
	ECommerceData <EComrcData>	[0..*]			1555
	Type <Tp>	[1..1]	Text		1555
	Value <Val>	[1..1]	Text		1555
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1556
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1556
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1556
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1556
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1556
	NoShow <NoShow>	[0..1]	Indicator		1557
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1557
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1557
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1557
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1558
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1558
	SplitPayment <SpltPmt>	[0..1]	Indicator		1558
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1559
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1559
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1560
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1560
	StorageLocation <StorgLctn>	[0..1]	Text		1560
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1560
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1560
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1561
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1561
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1561
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1561
	MagneticStripeFallback <MgntrcStrpFllbck>	[0..1]	Indicator		1562
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1562
	CaptureDate <CaptrDt>	[0..1]	Date		1562
	DateAnticipated <DtAntcptd>	[0..1]	Date		1562
	AdditionalData <AddtlData>	[0..*]	±		1562

### 28.4.21 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

### 28.4.22 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 28.4.23 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 28.4.24 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 28.4.25 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.



**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 28.4.26 Verification <Vrfctn>

*Presence:* [0..\*]

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

**Verification <Vrfctn>** contains the following elements (see "Verification6" on page 1778 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <Rslt>	[0..1]	CodeSet		1782
	OtherResult <OthrRslt>	[0..1]	Text		1782
	ResultDetails <RsltDtls>	[0..*]	±		1782

## 28.4.27 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

## 28.4.28 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfc>** contains the following elements (see "[SpecialProgrammeQualification2](#)" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 28.4.29 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 "[Instalment6](#)" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

## 28.4.30 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 28.4.31 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		720
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		720

**28.4.31.1 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 1854):
- *Meaning When True:* True
  - *Meaning When False:* False

**28.4.31.2 DomesticQualification <DmstQlfctn>**

- Presence:* [0..1]
- Definition:* Identifies the reason the transaction is considered to be domestic or non-domestic.
- Datatype:* ["Max35Text"](#) on page 1864

**28.4.32 SettlementService <SttlmSvc>**

- Presence:* [0..1]
- Definition:* Type of settlement service for specific services requiring settlement.

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService5" on page 1739](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

### 28.4.33 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 28.4.34 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 28.4.35 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original response code.

*Datatype:* "ISO8583ResponseCode" on page 1822

## 28.4.36 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

## 28.4.37 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 28.4.38 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		724
	<b>Exemption</b> <Xmptn>	[0..*]			724
	<b>Type</b> <Tp>	[1..1]	CodeSet		724
	<b>Value</b> <Val>	[1..1]	CodeSet		725
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		725
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		725
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		726
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		726

#### 28.4.38.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### 28.4.38.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		724
	<b>Value</b> <Val>	[1..1]	CodeSet		725
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		725

##### 28.4.38.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code"](#) on page 1811



CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 28.4.38.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 28.4.38.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 28.4.38.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 28.4.38.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 28.4.38.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 28.4.39 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 28.4.40 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 28.4.41 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 29 cain.017.001.03 InquiryResponseV03

### 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 InquiryResponseV03 MessageDefinition is composed of 40 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- I. Issuer  
Information related to the issuer.
- J. Destination  
Identifies the destination of the transaction.
- K. CardProgramme  
Card programme or brand actually applied to the transaction.
- L. TransactionIdentification  
Identification of the transaction.
- M. TransactionAmounts  
Amounts of the card transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

P. Acceptor

Card acceptor performing the card transaction.

Q. Terminal

Payment terminal or ATM performing the transaction.

R. Context

Context in which the card transaction is performed.

S. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

T. Wallet

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

U. Token

Details of payment token.

V. Cardholder

Cardholder performing the card payment transaction.

W. Verification

Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

X. Risk

Context of risk associated with the transaction.

Y. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

Z. Instalment

Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

A AdditionalService

A. Additional functions or services to be performed in conjunction with the transaction.

AB AccountBalance

· Balance of the account involved in the card transaction.

AC AccountStatementData

· Account information of a statement of account.

A Jurisdiction

D.

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

AE SettlementService

- Type of settlement service for specific services requiring settlement.

AF AdditionalFee

- Fees not included in the transaction amount.

A Reconciliation

- G. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.

A OriginalResponseCode

- H. Original response code.

AI. ProcessingResult

Outcome of the processing of the authorisation.

AJ. AdditionalData

Contains additional data.

A StrongCustomerAuthentication

- K. EU PSD2 Strong Consumer Authentication data.

AL ProtectedData

- Contains protected data and the attributes used to protect the data.

A SupplementaryData

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

A SecurityTrailer

- N. Trailer of the message containing a MAC

## 29.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <NqryRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		733
	TransactionCharacteristics <TxChrtcs>	[1..1]			733
	TransactionType <TxTp>	[1..1]	CodeSet		734
	TransactionSubType <TxSubTp>	[0..1]	Text		734
	Cancellation <Cxl>	[0..1]	Indicator		734
	MessageReason <MsgRsn>	[0..*]	CodeSet		734
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		734
	TransactionDescription <TxDesc>	[0..1]	Text		735
	AdditionalData <AddtlData>	[0..*]	±		735
	Originator <Orgtr>	[0..1]	±		735
	Acquirer <Acqrr>	[1..1]	±		735
	Sender <Sndr>	[0..1]	±		736
	Card <Card>	[0..1]	±		736
	AccountFrom <AcctFr>	[0..1]	±		737
	Receiver <Rcvr>	[0..1]	±		737
	Issuer <Issr>	[0..1]	±		738
	Destination <Dstn>	[0..1]	±		738
	CardProgramme <CardPrgrmm>	[0..*]	±		739
	TransactionIdentification <TxId>	[1..1]	±		739
	TransactionAmounts <TxAmts>	[0..1]	±		740
	ConversionDateTime <ConvsDtTm>	[0..1]	±		741
	AdditionalAmount <AddtlAmt>	[0..*]	±		741
	Acceptor <Accptr>	[0..1]	±		742
	Terminal <Termnl>	[0..1]	±		742
	Context <Cntxt>	[0..1]	±		742
	ICCRRelatedData <ICCRltdData>	[0..1]	Text		745
	Wallet <Wllt>	[0..1]	±		745
	Token <Tkn>	[0..1]	±		746
	Cardholder <Crdhldr>	[0..1]	±		747

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Verification</b> <Vrfctn>	[0..*]	±		748
	<b>Risk</b> <Rsk>	[0..*]	±		749
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		749
	<b>Instalment</b> <Instlmt>	[0..1]	±		749
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		750
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		750
	<b>AccountStatementData</b> <AcctStmntData>	[0..*]	±		751
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			751
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		751
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		752
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		752
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		752
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		753
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		753
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		754
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		754
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			754
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		755
	<b>Exemption</b> <Xmptn>	[0..*]			755
	<b>Type</b> <Tp>	[1..1]	CodeSet		755
	<b>Value</b> <Val>	[1..1]	CodeSet		756
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		756
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		756
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		757
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		757
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		757
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	757
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		758



## 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

## 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 "[Header71](#)" on [page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 29.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		734
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		734
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		734
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		734
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		734
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		735
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		735

#### 29.4.2.1 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 1822

#### 29.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 29.4.2.3 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 29.4.2.4 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 1821

#### 29.4.2.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 29.4.2.6 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

#### 29.4.2.7 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 29.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 29.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 29.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 29.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "CardData12" on page 1198 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1199
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1199
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1199
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1200
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1200
	Track3 <Trck3>	[0..1]	Text		1200
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1200
	PANAccountRange <PANAcctRg>	[0..1]	Text		1200
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1200
	Country <Ctry>	[0..1]	CodeSet		1200
	Currency <Ccy>	[0..1]	CodeSet	C2	1201
	ProductType <PdctTp>	[0..1]	Text		1201
	ProductSubType <PdctSubTp>	[0..1]	Text		1201
	PortfolioIdentifier <PrflIdr>	[0..1]	Text		1201
	AdditionalData <AddtlData>	[0..*]	±		1201

## 29.4.7 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 "AccountDetails4" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 29.4.8 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 29.4.9 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 29.4.10 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 29.4.11 CardProgramme <CardPrgrmm>

*Presence:* [0..\*]

*Definition:* Card programme or brand actually applied to the transaction.

**CardProgramme <CardPrgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 29.4.12 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification54" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

## 29.4.13 TransactionAmounts <TxAmts>

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.



**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts4](#)" on page 1173 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1174
	Amount <Amt>	[0..1]	Amount		1174
	Currency <Ccy>	[0..1]	CodeSet	C2	1174
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1175
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1175
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1175
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1175
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1175
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1176
	DetailedAmount <DtldAmt>	[0..*]	±		1176

## 29.4.14 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "[DateTime2](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 29.4.15 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 "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 29.4.16 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 29.4.17 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

## 29.4.18 Context <Cntxt>

*Presence:* [0..1]

---

*Definition:* Context in which the card transaction is performed.

**Context <Cntxt>** contains the following elements (see "Context20" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1578
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1578
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1578
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1579
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1579
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1579
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1580
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1580
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1580
	Transit <Trnst>	[0..1]	Indicator		1580
	Attended <Attndd>	[0..1]	Indicator		1581
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1581
	ECommerce <EComrc>	[0..1]	Indicator		1581
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1581
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1581
	ECommerceData <EComrcData>	[0..*]			1582
	Type <Tp>	[1..1]	Text		1582
	Value <Val>	[1..1]	Text		1582
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1582
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1582
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1582
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1583
	NoShow <NoShow>	[0..1]	Indicator		1583
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1583
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1583
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1584
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1584
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1584

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1585
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1585
	StorageLocation <StorgLctn>	[0..1]	Text		1585
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1585

## 29.4.19 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

## 29.4.20 Wallet <WlIt>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 29.4.21 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 29.4.22 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 29.4.23 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 "Verification7" on page 1776 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1776
	OtherType <OthrTp>	[0..1]	Text		1776
	SubType <SubTp>	[0..1]	Text		1776
	Entity <Ntty>	[0..1]	CodeSet		1777
	OtherEntity <OthrNtty>	[0..1]	Text		1777
	Result <Rslt>	[0..1]	CodeSet		1777
	OtherResult <OthrRslt>	[0..1]	Text		1778
	ResultDetails <RsltDtls>	[0..*]	±		1778
	AdditionalInformation <AddtlInf>	[0..1]	Text		1778

## 29.4.24 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

## 29.4.25 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

## 29.4.26 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

## 29.4.27 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 29.4.28 AccountBalance <AcctBal>

*Presence:* [0..\*]

*Definition:* Balance of the account involved in the card transaction.

**AccountBalance <AcctBal>** contains the following elements (see "AccountBalance3" on page 1187 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

## 29.4.29 AccountStatementData <AcctStmtData>

*Presence:* [0..\*]

*Definition:* Account information of a statement of account.

**AccountStatementData <AcctStmtData>** contains the following elements (see "AccountStatementData3" on page 1184 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1184
	Time <Tm>	[0..1]	Time		1185
	Details <Dtls>	[0..*]			1185
	TransactionDate <TxDt>	[1..1]	Date		1185
	Pending <Pdg>	[0..1]	Indicator		1185
	PostingDate <PstngDt>	[0..1]	Date		1186
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1186
	Amount <Amt>	[0..1]	Amount		1186
	Currency <Ccy>	[0..1]	CodeSet	C2	1186
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1186
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1186
	AcceptorNameAndLocation <AccptrNmAndLctn>	[0..1]	Text		1187
	ShortDescription <ShrtDesc>	[0..1]	Text		1187
	LongDescription <LngDesc>	[0..1]	Text		1187

## 29.4.30 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		751
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		752

### 29.4.30.1 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 1854):

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

#### 29.4.30.2 DomesticQualification <DmstQlfcnt>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

### 29.4.31 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 29.4.32 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 29.4.33 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 29.4.34 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original response code.

*Datatype:* "ISO8583ResponseCode" on page 1822

## 29.4.35 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult22" on page 1756 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

## 29.4.36 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 29.4.37 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		755
	<b>Exemption</b> <Xmptn>	[0..*]			755
	<b>Type</b> <Tp>	[1..1]	CodeSet		755
	<b>Value</b> <Val>	[1..1]	CodeSet		756
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		756
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		756
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		757
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		757

#### 29.4.37.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 29.4.37.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		755
	<b>Value</b> <Val>	[1..1]	CodeSet		756
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		756

##### 29.4.37.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code" on page 1811](#)

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 29.4.37.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 29.4.37.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 29.4.37.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796



CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 29.4.37.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 29.4.37.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 29.4.38 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 29.4.39 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 29.4.40 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 30      **cain.018.001.03** **VerificationInitiationV03**

### 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 VerificationInitiationV03 MessageDefinition is composed of 45 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination

Identifies the destination of the transaction.

L. Programme

Programme, network, or brand processes the transaction.

M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. ExchangeRate

Further detailed information on the exchange rates that have been used in or are related to the transaction.

P. TransactionAmounts

Amounts of the card transaction.

Q. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

R. Acceptor

Card acceptor performing the card transaction.

S. Terminal

Payment terminal or ATM performing the transaction.

T. POIComponent

Data related to the components of the POI (Point Of Interaction) performing the transactions.

U. Context

Contains or describes conditions and characteristics of the transaction.

V. Payer

The party providing source of funds.

W. Payee

The party receiving funds.

X. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

Y. Token

Details of payment token.

Z. CustomerDevice

Identification of the customer device performing the transaction.

A. Wallet

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

AB Cardholder

- Cardholder performing the card payment transaction.

AC Verification

- Contain validation result and/or data to be validated.

A Risk

- D. Context of risk associated with the transaction.

AE SpecialProgrammeQualification

- Data to qualify for incentive or other related programmes.

AF Instalment

- Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

A AdditionalService

- G. Additional functions or services to be performed in conjunction with the transaction.

A FundsServices

- H. Financial services related to the account.

AI. Jurisdiction

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

AJ. SettlementService

Type of settlement service for specific services requiring settlement.

A AdditionalFee

- K. Fees not included in the transaction amount.

AL Reconciliation

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

A OriginalResponseCode

- M. Original response code.

A ProcessingResult

- N. Outcome of the processing of the authorisation.

A AdditionalData

- O. Contains additional data.

AP StrongCustomerAuthentication

- EU PSD2 Strong Consumer Authentication data.

A ProtectedData

- Q. Contains protected data and the attributes used to protect the data.

AR SupplementaryData

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

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AS SecurityTrailer

- Trailer of the message containing a MAC.

## 30.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <VrfctnInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		766
	TransactionCharacteristics <TxChrtcs>	[1..1]			767
	TransactionType <TxTp>	[1..1]	CodeSet		767
	TransactionSubType <TxSubTp>	[0..1]	Text		768
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		768
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		769
	Cancellation <Cxl>	[0..1]	Indicator		769
	MessageReason <MsgRsn>	[0..*]	CodeSet		769
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		769
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		769
	TransactionDescription <TxDesc>	[0..1]	Text		769
	AdditionalData <AddtlData>	[0..*]	±		769
	Originator <Orgtr>	[0..1]	±		770
	Acquirer <Acqrr>	[1..1]	±		770
	Sender <Sndr>	[0..1]	±		771
	Card <Card>	[0..1]	±		771
	AccountFrom <AcctFr>	[0..1]	±		772
	AccountTo <AcctTo>	[0..1]	±		772
	Receiver <Rcvr>	[0..1]	±		773
	Issuer <Issr>	[0..1]	±		773
	Destination <Dstn>	[0..1]	±		774
	Programme <Prgrmm>	[0..1]	±		774
	TransactionIdentification <TxId>	[1..1]	±		775
	ConversionDateTime <ConvsDtTm>	[0..1]	±		776
	ExchangeRate <XchgRate>	[0..*]			776
	Provider <Prvdr>	[0..1]	Text		776
	Identification <Id>	[0..1]	Text		777
	Date <Dt>	[0..1]	Date		777
	Time <Tm>	[0..1]	Time		777

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		777
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		777
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	777
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	778
	<b>Rate</b> <Rate>	[0..1]	Rate		778
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		778
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		778
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		779
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		779
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		779
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		779
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		779
	<b>TransactionAmounts</b> <TxAmts>	[0..1]	±		780
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		780
	<b>Acceptor</b> <Accptr>	[1..1]	±		780
	<b>Terminal</b> <Termnl>	[0..1]	±		782
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		784
	<b>Context</b> <Cntxt>	[1..1]	±		784
	<b>Payer</b> <Pyer>	[0..1]	±		786
	<b>Payee</b> <Pyee>	[0..1]	±		787
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		788
	<b>Token</b> <Tkn>	[0..1]			789
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		789
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		789
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		790
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		790
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		790
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		790
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		790
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		790
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		791



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		791
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		791
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			791
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		792
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		792
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		792
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		792
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		792
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		792
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		793
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		793
	<b>Wallet</b> <Wlft>	[0..1]	±		794
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		795
	<b>Verification</b> <Vrfctn>	[0..*]	±		796
	<b>Risk</b> <Rsk>	[0..*]	±		797
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		797
	<b>Instalment</b> <Instlmt>	[0..1]	±		798
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		798
	<b>FundsServices</b> <FndsSvcs>	[0..1]	±		798
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			799
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		799
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		799
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		799
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		800
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		801
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		801
	<b>ProcessingResult</b> <PrccgRslt>	[0..1]	±		802
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		802
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			802
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		803
	<b>Exemption</b> <Xmptn>	[0..*]			803

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		803
	<b>Value</b> <Val>	[1..1]	CodeSet		804
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		804
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		804
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		805
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		805
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		805
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	805
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		806

## 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 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.

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 30.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		767
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		768
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		768
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		769
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		769
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		769
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		769
	<b>PreAuthorisationTimeLimit</b> <PreAuthstnTmLmt>	[0..1]	Text		769
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		769
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		769

### 30.4.2.1 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 1822

### 30.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 30.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

#### 30.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 30.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 30.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

#### 30.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 30.4.2.8 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 1866

#### 30.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

#### 30.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 30.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 30.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 30.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 30.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData11](#)" on page 1205 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1205
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208

### 30.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

### 30.4.8 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

### 30.4.9 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 30.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 30.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 30.4.12 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode4](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIdId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

### 30.4.13 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification54](#)" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

## 30.4.14 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

## 30.4.15 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate <XchgRate>** contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		776
	<b>Identification</b> <Id>	[0..1]	Text		777
	<b>Date</b> <Dt>	[0..1]	Date		777
	<b>Time</b> <Tm>	[0..1]	Time		777
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		777
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		777
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	777
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	778
	<b>Rate</b> <Rate>	[0..1]	Rate		778
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		778
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		778
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		779
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		779
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		779
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		779
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		779

### 30.4.15.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

### 30.4.15.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the specific rate, table or file that contains the rate information.

*Datatype:* "Max70Text" on page 1867

### 30.4.15.3 Date <Dt>

*Presence:* [0..1]

*Definition:* The date the exchange rate data is effective.

*Datatype:* "ISODate" on page 1854

### 30.4.15.4 Time <Tm>

*Presence:* [0..1]

*Definition:* The time the exchange rate data is effective.

*Datatype:* "ISOTime" on page 1869

### 30.4.15.5 EndPoint <EndPt>

*Presence:* [0..1]

*Definition:* Identifies the party to which this detail applies.

*Datatype:* "Endpoint1Code" on page 1810

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.

### 30.4.15.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined endpoint.

*Datatype:* "Max35Text" on page 1864

### 30.4.15.7 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 1821

**Constraints**

- **ValidationByTable**

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

**30.4.15.8 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 1821

**Constraints**

- **ValidationByTable**

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

**30.4.15.9 Rate <Rate>**

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

**30.4.15.10 RateType <RateTp>**

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

**30.4.15.11 OtherRateType <OthrRateTp>**

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864

### 30.4.15.12 AgreementType <AgrmtTp>

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

### 30.4.15.13 OtherAgreementType <OthrAgrmtTp>

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

### 30.4.15.14 RateLockRequested <RateLckReqd>

*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 1854):

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

### 30.4.15.15 RateLockEligible <RateLckElgbl>

*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 1854):

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

### 30.4.15.16 RateLockApplied <RateLckApld>

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

## 30.4.16 TransactionAmounts <TxAmts>

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts4](#)" on page 1173 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1174
	Amount <Amt>	[0..1]	Amount		1174
	Currency <Ccy>	[0..1]	CodeSet	C2	1174
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1175
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1175
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1175
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1175
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1175
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1176
	DetailedAmount <DtldAmt>	[0..*]	±		1176

## 30.4.17 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 "[AdditionalAmounts4](#)" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

## 30.4.18 Acceptor <Accptr>

*Presence:* [1..1]

*Definition:* Card acceptor performing the card transaction.



**Acceptor <Acceptor>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648

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## 30.4.19      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

### 30.4.20 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

### 30.4.21 Context <Cntxt>

*Presence:* [1..1]

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

**Context <Cntxt>** contains the following elements (see "Context23" on page 1549 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1551
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1552
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1552
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1552
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1552
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1553
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1553
	CardPresent <CardPres>	[0..1]	Indicator		1553
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1553
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1553
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1554
	Transit <Trnst>	[0..1]	Indicator		1554
	Attended <Attndd>	[0..1]	Indicator		1554
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1554
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1555
	ECommerce <EComrc>	[0..1]	Indicator		1555
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1555
	ECommerceData <EComrcData>	[0..*]			1555
	Type <Tp>	[1..1]	Text		1555
	Value <Val>	[1..1]	Text		1555
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1556
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1556
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1556
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1556
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1556
	NoShow <NoShow>	[0..1]	Indicator		1557
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1557
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1557
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1557
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1558
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1558
	SplitPayment <Spltpmt>	[0..1]	Indicator		1558
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1559
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1559
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1560
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1560
	StorageLocation <StorgLctn>	[0..1]	Text		1560
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1560
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1560
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1561
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1561
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1561
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1561
	MagneticStripeFallback <MgntcStrpFllbck>	[0..1]	Indicator		1562
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1562
	CaptureDate <CaptrDt>	[0..1]	Date		1562
	DateAnticipated <DtAntcptd>	[0..1]	Date		1562
	AdditionalData <AddtlData>	[0..*]	±		1562

## 30.4.22 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

### 30.4.23 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

### 30.4.24 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.



*Datatype:* "Max10KHexBinaryText" on page 1859

## 30.4.25 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		789
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		789
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		790
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		790
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		790
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		790
	<b>TokenInitiatedIndicator</b> <TknInittedInd>	[0..1]	Indicator		790
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		790
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		791
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		791
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		791
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			791
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		792
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		792
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		792
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		792
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		792
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		792
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		793

### 30.4.25.1 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Max19NumericText" on page 1862

### 30.4.25.2 TokenExpiryDate <TknXpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the payment token.

ISO 8583 bit 14.

*Datatype:* "ISOYearMonth" on page 1869

**30.4.25.3 TokenRequestorIdentification <TknRqstrId>**

*Presence:* [0..1]

*Definition:* Identification of a party requesting a token.

*Datatype:* "Max11NumericText" on page 1860

**30.4.25.4 TokenAssuranceData <TknAssrncData>**

*Presence:* [0..1]

*Definition:* Supporting information for the Token Assurance Method.

*Datatype:* "Max140Text" on page 1860

**30.4.25.5 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 1863

**30.4.25.6 TokenReferenceIdentification <TknRefId>**

*Presence:* [0..1]

*Definition:* A reference to the token.

*Datatype:* "Max35Text" on page 1864

**30.4.25.7 TokenInitiatedIndicator <TknInitdInd>**

*Presence:* [0..1]

*Definition:* Original transaction was initiated by Token.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

**30.4.25.8 StorageLocation <StorgLctn>**

*Presence:* [0..1]

*Definition:* Storage location of the token.

*Datatype:* "StorageLocation1Code" on page 1844

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.

CodeName	Name	Definition
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.

### 30.4.25.9 OtherStorageLocation <OthrStorgLctn>

*Presence:* [0..1]

*Definition:* Other private or national storage location code.

*Datatype:* "Max35Text" on page 1864

### 30.4.25.10 ProtectionMethod <PrtcnMtd>

*Presence:* [0..1]

*Definition:* Method used to protect the token.

*Datatype:* "ProtectionMethod1Code" on page 1839

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.

### 30.4.25.11 OtherProtectionMethod <OthrPrtcnMtd>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

### 30.4.25.12 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 &lt;PmtTkn&gt;</b>	[0..1]	Text		792
	<b>TokenExpiryDate &lt;TknXpryDt&gt;</b>	[0..1]	YearMonth		792
	<b>TokenRequestorIdentification &lt;TknRqstrld&gt;</b>	[0..1]	Text		792
	<b>TokenAssuranceData &lt;TknAssrncData&gt;</b>	[0..1]	Text		792
	<b>TokenAssuranceMethod &lt;TknAssrncMtd&gt;</b>	[0..1]	Text		792
	<b>TokenReferenceIdentification &lt;TknRefld&gt;</b>	[0..1]	Text		792

#### 30.4.25.12.1 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Max19NumericText" on page 1862

#### 30.4.25.12.2 TokenExpiryDate <TknXpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the payment token.

ISO 8583 bit 14.

*Datatype:* "ISOYearMonth" on page 1869

#### 30.4.25.12.3 TokenRequestorIdentification <TknRqstrld>

*Presence:* [0..1]

*Definition:* Identification of a party requesting a token.

*Datatype:* "Max11NumericText" on page 1860

#### 30.4.25.12.4 TokenAssuranceData <TknAssrncData>

*Presence:* [0..1]

*Definition:* Supporting information for the Token Assurance Method.

*Datatype:* "Max140Text" on page 1860

#### 30.4.25.12.5 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 1863

#### 30.4.25.12.6 TokenReferenceIdentification <TknRefld>

*Presence:* [0..1]

*Definition:* A reference to the token.

Datatype: "Max35Text" on page 1864

30.4.25.13 AdditionalData <AddtlData>

Presence: [0..\*]  
Definition: Additional token data.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

30.4.26 CustomerDevice <CstmrDvc>

Presence: [0..1]  
Definition: Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 30.4.27 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 30.4.28 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

### 30.4.29 Verification <Vrfctn>

*Presence:* [0..\*]

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



**Verification <Vrfctn>** contains the following elements (see "Verification6" on page 1778 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <Rslt>	[0..1]	CodeSet		1782
	OtherResult <OthrRslt>	[0..1]	Text		1782
	ResultDetails <RsltDtls>	[0..*]	±		1782

### 30.4.30 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

### 30.4.31 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification** <SpclPrgrmmQlfc> contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 30.4.32 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

### 30.4.33 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

### 30.4.34 FundsServices <FndsSvcs>

*Presence:* [0..1]

*Definition:* Financial services related to the account.

**FundsServices <FndsSvcs>** contains the following elements (see "FundingService3" on page 1472 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1472
	Name <Nm>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1473
	BusinessPurpose <BizPurp>	[0..1]	Text		1473
	Description <Desc>	[0..1]	Text		1473
	FundingSource <FndgSrc>	[0..*]	±		1473
	ClaimCredentials <CImCrdntls>	[0..1]	Text		1473
	ClaimAssigner <CImAssgnr>	[0..1]	Text		1473

### 30.4.35 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		799
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		799

#### 30.4.35.1 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 1854):

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

#### 30.4.35.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

### 30.4.36 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService5](#)" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

### 30.4.37 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 30.4.38 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 30.4.39 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original response code.

*Datatype:* "ISO8583ResponseCode" on page 1822

## 30.4.40 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

## 30.4.41 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 30.4.42 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		803
	<b>Exemption</b> <Xmptn>	[0..*]			803
	<b>Type</b> <Tp>	[1..1]	CodeSet		803
	<b>Value</b> <Val>	[1..1]	CodeSet		804
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		804
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		804
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		805
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		805

#### 30.4.42.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### 30.4.42.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		803
	<b>Value</b> <Val>	[1..1]	CodeSet		804
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		804

##### 30.4.42.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code"](#) on page 1811

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 30.4.42.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 30.4.42.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 30.4.42.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796



CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 30.4.42.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 30.4.42.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 30.4.43 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 30.4.44 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 30.4.45 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 31 cain.019.001.03 VerificationResponseV03

## 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 VerificationResponseV03 MessageDefinition is composed of 40 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme  
Programme, network, or brand processes the transaction.
- M. TransactionIdentification

Identification of the transaction.

N. ConversionDateTime

Date and Time of currency conversion.

O. TransactionAmounts

Amounts of the card transaction.

P. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

Q. Acceptor

Card acceptor performing the card transaction.

R. Terminal

Payment terminal or ATM performing the transaction.

S. Context

Context in which the card transaction is performed.

T. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

U. Token

Details of payment token.

V. Wallet

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

W. Cardholder

Cardholder performing the card payment transaction.

X. Verification

Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Y. Risk

Context of risk associated with the transaction.

Z. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

A Instalment

A. Data exclusively related to a card issuer financial loan of the payment transaction, or instalment.

AB AdditionalService

· Additional functions or services to be performed in conjunction with the transaction.

AC AccountBalance

· Balance of the account involved in the card transaction.

- A Jurisdiction
- D. Contains information that identifies or is specific to a transaction jurisdiction.
- AE SettlementService
  - Type of settlement service for specific services requiring settlement.
- AF AdditionalFee
  - Fees not included in the transaction amount.
- A Reconciliation
- G. Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- A OriginalResponseCode
- H. Original response code.
- AI. ProcessingResult
  - Outcome of the processing of the authorisation.
- AJ. AdditionalData
  - Contains additional data.
- A StrongCustomerAuthentication
- K. EU PSD2 Strong Consumer Authentication data.
- AL ProtectedData
  - Contains protected data and the attributes used to protect the data.
- A SupplementaryData
- M. Additional information that can not be captured in the structured fields and/or other specific block.
- A SecurityTrailer
- N. Trailer of the message containing a MAC

## 31.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <VrfctnRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		812
	TransactionCharacteristics <TxChrtcs>	[1..1]			813
	TransactionType <TxTp>	[1..1]	CodeSet		813
	TransactionSubType <TxSubTp>	[0..1]	Text		814
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		814
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		815
	Cancellation <Cxl>	[0..1]	Indicator		815
	MessageReason <MsgRsn>	[0..*]	CodeSet		815
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		815
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		815
	TransactionDescription <TxDesc>	[0..1]	Text		815
	AdditionalData <AddtlData>	[0..*]	±		815
	Originator <Orgtr>	[0..1]	±		816
	Acquirer <Acqrr>	[1..1]	±		816
	Sender <Sndr>	[0..1]	±		817
	Card <Card>	[0..1]	±		817
	AccountFrom <AcctFr>	[0..1]	±		818
	AccountTo <AcctTo>	[0..1]	±		818
	Receiver <Rcvr>	[0..1]	±		819
	Issuer <Issr>	[0..1]	±		819
	Destination <Dstn>	[0..1]	±		820
	Programme <Prgrmm>	[0..*]	±		820
	TransactionIdentification <TxId>	[1..1]	±		820
	ConversionDateTime <ConvsDtTm>	[0..1]	±		821
	TransactionAmounts <TxAmts>	[0..1]	±		821
	AdditionalAmount <AddtlAmt>	[0..*]	±		822
	Acceptor <Accptr>	[0..1]	±		822
	Terminal <Termnl>	[0..1]	±		823
	Context <Cntxt>	[0..1]	±		823

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		825
	<b>Token</b> <Tkn>	[0..1]			825
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		826
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		826
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		826
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		827
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		827
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		827
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		827
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		827
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		828
	<b>ProtectionMethod</b> <PrtcMtd>	[0..1]	CodeSet		828
	<b>OtherProtectionMethod</b> <OthrPrtcMtd>	[0..1]	Text		828
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			828
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		829
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		829
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		829
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		829
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		829
	<b>TokenReferenceldentification</b> <TknRefld>	[0..1]	Text		829
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		830
	<b>Wallet</b> <Wllt>	[0..1]	±		830
	<b>Cardholder</b> <Crhdldr>	[0..1]	±		831
	<b>Verification</b> <Vrfctn>	[0..*]	±		832
	<b>Risk</b> <Rsk>	[0..*]	±		833
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfctn>	[0..*]	±		833
	<b>Instalment</b> <Instlmt>	[0..1]	±		833
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		834
	<b>AccountBalance</b> <AcctBal>	[0..*]	±		834
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			835
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		835

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DomesticQualification</b> <DmstQlfcnt>	[0..1]	Text		835
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		835
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		836
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		837
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		837
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		838
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		838
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			838
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		839
	<b>Exemption</b> <Xmptn>	[0..*]			839
	<b>Type</b> <Tp>	[1..1]	CodeSet		839
	<b>Value</b> <Val>	[1..1]	CodeSet		840
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		840
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		840
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		841
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		841
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		841
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	841
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		842

## 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

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 31.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[1..1]	CodeSet		813
	TransactionSubType <TxSubTp>	[0..1]	Text		814
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		814
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		815
	Cancellation <Cxl>	[0..1]	Indicator		815
	MessageReason <MsgRsn>	[0..*]	CodeSet		815
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		815
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		815
	TransactionDescription <TxDesc>	[0..1]	Text		815
	AdditionalData <AddtlData>	[0..*]	±		815

### 31.4.2.1 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 1822

### 31.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 31.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

#### 31.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 31.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 31.4.2.6 MessageReason <MsgRsn>

*Presence:* [0..\*]

*Definition:* Reason or purpose to send the message.

*Datatype:* "ISO8583MessageReasonCode" on page 1821

#### 31.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 31.4.2.8 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 1866

#### 31.4.2.9 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

#### 31.4.2.10 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 31.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 31.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 31.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 31.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData12](#)" on page 1198 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1199
	ProtectedPAN <PrctdPAN>	[0..1]	Indicator		1199
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1199
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1200
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1200
	Track3 <Trck3>	[0..1]	Text		1200
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1200
	PANAccountRange <PANAcctRg>	[0..1]	Text		1200
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1200
	Country <Ctry>	[0..1]	CodeSet		1200
	Currency <Ccy>	[0..1]	CodeSet	C2	1201
	ProductType <PdctTp>	[0..1]	Text		1201
	ProductSubType <PdctSubTp>	[0..1]	Text		1201
	PortfolioIdentifier <PrflIdr>	[0..1]	Text		1201
	AdditionalData <AddtlData>	[0..*]	±		1201

### 31.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

### 31.4.8 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 ["AccountDetails4"](#) on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 31.4.9 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 31.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 31.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 31.4.12 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 31.4.13 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.



**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification54" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

### 31.4.14 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 31.4.15 TransactionAmounts <TxAmts>

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts4](#)" on page 1173 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1174
	Amount <Amt>	[0..1]	Amount		1174
	Currency <Ccy>	[0..1]	CodeSet	C2	1174
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1175
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1175
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1175
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1175
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1175
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1176
	DetailedAmount <DtldAmt>	[0..*]	±		1176

### 31.4.16 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 "[AdditionalAmounts4](#)" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

### 31.4.17 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "[PartyIdentification285](#)" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

### 31.4.18 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "[Terminal8](#)" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

### 31.4.19 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context in which the card transaction is performed.

**Context <Cntxt>** contains the following elements (see "Context20" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1578
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1578
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1578
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1579
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1579
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1579
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1580
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1580
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1580
	Transit <Trnst>	[0..1]	Indicator		1580
	Attended <Attndd>	[0..1]	Indicator		1581
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1581
	ECommerce <EComrc>	[0..1]	Indicator		1581
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1581
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1581
	ECommerceData <EComrcData>	[0..*]			1582
	Type <Tp>	[1..1]	Text		1582
	Value <Val>	[1..1]	Text		1582
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1582
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1582
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1582
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1583
	NoShow <NoShow>	[0..1]	Indicator		1583
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1583
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1583
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1584
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1584
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1584

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1585
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1585
	StorageLocation <StorgLctn>	[0..1]	Text		1585
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1585

### 31.4.20 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

### 31.4.21 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		826
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		826
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		826
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		827
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		827
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		827
	<b>TokenInitiatedIndicator</b> <TknInittldInd>	[0..1]	Indicator		827
	<b>StorageLocation</b> <StorgLctn>	[0..1]	CodeSet		827
	<b>OtherStorageLocation</b> <OthrStorgLctn>	[0..1]	Text		828
	<b>ProtectionMethod</b> <PrtcnMtd>	[0..1]	CodeSet		828
	<b>OtherProtectionMethod</b> <OthrPrtcnMtd>	[0..1]	Text		828
	<b>OriginalToken</b> <OrgnlTkn>	[0..1]			828
	<b>PaymentToken</b> <PmtTkn>	[0..1]	Text		829
	<b>TokenExpiryDate</b> <TknXpryDt>	[0..1]	YearMonth		829
	<b>TokenRequestorIdentification</b> <TknRqstrld>	[0..1]	Text		829
	<b>TokenAssuranceData</b> <TknAssrncData>	[0..1]	Text		829
	<b>TokenAssuranceMethod</b> <TknAssrncMtd>	[0..1]	Text		829
	<b>TokenReferenceIdentification</b> <TknRefld>	[0..1]	Text		829
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		830

#### 31.4.21.1 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Max19NumericText" on page 1862

#### 31.4.21.2 TokenExpiryDate <TknXpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the payment token.

ISO 8583 bit 14.

*Datatype:* "ISOYearMonth" on page 1869

#### 31.4.21.3 TokenRequestorIdentification <TknRqstrld>

*Presence:* [0..1]

*Definition:* Identification of a party requesting a token.

*Datatype:* "Max11NumericText" on page 1860

#### 31.4.21.4 TokenAssuranceData <TknAssrncData>

*Presence:* [0..1]

*Definition:* Supporting information for the Token Assurance Method.

*Datatype:* "Max140Text" on page 1860

#### 31.4.21.5 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 1863

#### 31.4.21.6 TokenReferenceIdentification <TknRefId>

*Presence:* [0..1]

*Definition:* A reference to the token.

*Datatype:* "Max35Text" on page 1864

#### 31.4.21.7 TokenInitiatedIndicator <TknInittdInd>

*Presence:* [0..1]

*Definition:* Original transaction was initiated by Token.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 31.4.21.8 StorageLocation <StorgLctn>

*Presence:* [0..1]

*Definition:* Storage location of the token.

*Datatype:* "StorageLocation1Code" on page 1844

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.

#### 31.4.21.9 OtherStorageLocation <OthrStorgLctn>

*Presence:* [0..1]

*Definition:* Other private or national storage location code.

*Datatype:* "Max35Text" on page 1864

#### 31.4.21.10 ProtectionMethod <PrtcnMtd>

*Presence:* [0..1]

*Definition:* Method used to protect the token.

*Datatype:* "ProtectionMethod1Code" on page 1839

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.

#### 31.4.21.11 OtherProtectionMethod <OthrPrtcnMtd>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

#### 31.4.21.12 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 &lt;PmtTkn&gt;</b>	[0..1]	Text		829
	<b>TokenExpiryDate &lt;TknXpryDt&gt;</b>	[0..1]	YearMonth		829
	<b>TokenRequestorIdentification &lt;TknRqstrld&gt;</b>	[0..1]	Text		829
	<b>TokenAssuranceData &lt;TknAssrncData&gt;</b>	[0..1]	Text		829
	<b>TokenAssuranceMethod &lt;TknAssrncMtd&gt;</b>	[0..1]	Text		829
	<b>TokenReferenceIdentification &lt;TknRefld&gt;</b>	[0..1]	Text		829

#### 31.4.21.12.1 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Max19NumericText" on page 1862

#### 31.4.21.12.2 TokenExpiryDate <TknXpryDt>

*Presence:* [0..1]

*Definition:* Expiry date of the payment token.

ISO 8583 bit 14.

*Datatype:* "ISOYearMonth" on page 1869

#### 31.4.21.12.3 TokenRequestorIdentification <TknRqstrld>

*Presence:* [0..1]

*Definition:* Identification of a party requesting a token.

*Datatype:* "Max11NumericText" on page 1860

#### 31.4.21.12.4 TokenAssuranceData <TknAssrncData>

*Presence:* [0..1]

*Definition:* Supporting information for the Token Assurance Method.

*Datatype:* "Max140Text" on page 1860

#### 31.4.21.12.5 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 1863

#### 31.4.21.12.6 TokenReferenceIdentification <TknRefld>

*Presence:* [0..1]

*Definition:* A reference to the token.

Datatype: "Max35Text" on page 1864

31.4.21.13 AdditionalData <AddtlData>

Presence: [0..\*]  
Definition: Additional token data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

31.4.22 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 31.4.23 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 31.4.24 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 "Verification7" on page 1776 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1776
	OtherType <OthrTp>	[0..1]	Text		1776
	SubType <SubTp>	[0..1]	Text		1776
	Entity <Ntty>	[0..1]	CodeSet		1777
	OtherEntity <OthrNtty>	[0..1]	Text		1777
	Result <Rslt>	[0..1]	CodeSet		1777
	OtherResult <OthrRslt>	[0..1]	Text		1778
	ResultDetails <RsltDtls>	[0..*]	±		1778
	AdditionalInformation <AddtlInf>	[0..1]	Text		1778

### 31.4.25 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

### 31.4.26 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 31.4.27 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 "Instalment6" on page 1442 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentSequenceNumber <PmtSeqNb>	[0..1]	Quantity		1442
	Plan <Plan>	[0..*]	±		1442

## 31.4.28 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

## 31.4.29 AccountBalance <AcctBal>

*Presence:* [0..\*]

*Definition:* Balance of the account involved in the card transaction.

**AccountBalance <AcctBal>** contains the following elements (see "AccountBalance3" on page 1187 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

### 31.4.30 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		835
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		835

#### 31.4.30.1 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 1854):

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

#### 31.4.30.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 31.4.31 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 31.4.32 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 31.4.33 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 31.4.34 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original response code.

*Datatype:* "ISO8583ResponseCode" on page 1822

### 31.4.35 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult22" on page 1756 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

### 31.4.36 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 31.4.37 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		839
	<b>Exemption</b> <Xmptn>	[0..*]			839
	<b>Type</b> <Tp>	[1..1]	CodeSet		839
	<b>Value</b> <Val>	[1..1]	CodeSet		840
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		840
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		840
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		841
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		841

#### 31.4.37.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### 31.4.37.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		839
	<b>Value</b> <Val>	[1..1]	CodeSet		840
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		840

##### 31.4.37.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code"](#) on page 1811

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 31.4.37.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 31.4.37.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 31.4.37.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 31.4.37.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 31.4.37.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 31.4.38 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 31.4.39 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 31.4.40 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 32 cain.020.001.03 AmendmentV03

### 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 AmendmentV03 MessageDefinition is composed of 17 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. Originator  
Identifies the originator of the transaction.
- C. Sender  
Party sending the message to another intermediary agent or to the final destination.
- D. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- E. Destination  
Identifies the destination of the transaction.
- F. Programme  
Programme, network, or brand processes the transaction.
- G. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.
- H. SettlementService  
Type of settlement service for specific services requiring settlement.
- I. Reconciliation  
Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- J. AmendedData  
Detailed description of an error that caused the message to be corrected/amended. Transmitted for further analysis.
- K. TransactionIdentification

Identification of the transaction.

L. OriginalMessage

Original message before correction/amendment.

M. MessageAmended

Message amended.

N. AdditionalData

Contains additional data.

O. ProtectedData

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

P. SupplementaryData

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

Q. 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]	±		845
	<b>Originator</b> <Orgtr>	[0..1]	±		846
	<b>Sender</b> <Sndr>	[0..1]	±		846
	<b>Receiver</b> <Rcvr>	[0..1]	±		847
	<b>Destination</b> <Dstn>	[0..1]	±		847
	<b>Programme</b> <Prgrmm>	[0..*]	±		848
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			848
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		848
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		849
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		849
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		849
	<b>AmendedData</b> <AmddData>	[1..*]	±		850
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		850
	<b>OriginalMessage</b> <OrgnlMsg>	[0..1]	Binary		851
	<b>MessageAmended</b> <MsgAmdd>	[0..1]	Binary		851
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		852
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		852
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	852
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		853

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 32.4.2 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 32.4.3 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 32.4.4 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 ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 32.4.5 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 32.4.6 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 32.4.7 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		848
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		849

### 32.4.7.1 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 1854):

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

### 32.4.7.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 32.4.8 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 32.4.9 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 32.4.10      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 1608 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1608
	Description <Desc>	[1..1]	Text		1609
	Value <Val>	[0..1]	Text		1609

### 32.4.11      TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see ["TransactionIdentification55"](#) on page 1718 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1719
	LocalTime <LclTm>	[0..1]	Time		1719
	TimeZone <TmZone>	[0..1]	Text		1720
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1720
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1720
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1721
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1721
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1721
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1721
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1721
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1721
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1721
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1722
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1722
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1722
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1722
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1722
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1722
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1722
	AssociatedData <AssocdData>	[0..1]	Indicator		1722
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1723
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1723

### 32.4.12 OriginalMessage <OrgnIMsg>

*Presence:* [0..1]

*Definition:* Original message before correction/amendment.

*Datatype:* ["Max100KBinary"](#) on page 1783

### 32.4.13 MessageAmended <MsgAmdd>

*Presence:* [0..1]

*Definition:* Message amended.

*Datatype:* "Max100KBinary" on page 1783

### 32.4.14 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 32.4.15 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 32.4.16 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604



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.

32.4.17      SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 33      **cain.021.001.03**

## **RetrievalInitiationV03**

### **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 RetrievalInitiationV03 MessageDefinition is composed of 33 MessageBuildingBlocks:

- A. Header  
Information related to the protocol management.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.
- L. ConversionDateTime  
Date and Time of currency conversion.
- M. Acceptor  
Card acceptor performing the card transaction.

N. Terminal

Payment terminal or ATM performing the transaction.

O. Context

Context of the transaction.

P. Payer

The party providing source of funds.

Q. Payee

The party receiving funds.

R. Token

Details of payment token.

S. Wallet

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

T. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

U. Jurisdiction

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

V. SettlementService

Type of settlement service for specific services requiring settlement.

W. AdditionalFee

Fees not included in the transaction amount.

X. Reconciliation

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

Y. DisputeData

Information about the dispute.

Z. RetrievalFulfilmentInstructions

Fulfilment request instructions for the retrieval.

A OriginalTransaction

- A. Contains details of the original transaction.

AB RetrievalFulfilmentDestination

- Destination ID or routing information of Retrieval fulfilment initiation message.

AC ProcessingResult

- Outcome of the processing of the authorisation.

A AdditionalData

- D. Contains additional data.

AE ProtectedData

- Contains protected data and the attributes used to protect the data.

AF SupplementaryData

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

A SecurityTrailer

- G. Trailer of the message containing a MAC.

## 33.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <Rtrvllnitr>	[1..1]			
	<b>Header</b> <Hdr>	[0..1]	±		858
	<b>TransactionCharacteristics</b> <TxChrtcs>	[0..1]			859
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		859
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		860
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		860
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		860
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		861
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		861
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		861
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		861
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		861
	<b>Originator</b> <Orgtr>	[0..1]	±		861
	<b>Acquirer</b> <Acqrr>	[1..1]	±		862
	<b>Sender</b> <Sndr>	[0..1]	±		862
	<b>Card</b> <Card>	[0..1]	±		863
	<b>Receiver</b> <Rcvr>	[0..1]	±		863
	<b>Issuer</b> <Issr>	[0..1]	±		864
	<b>Destination</b> <Dstn>	[0..1]	±		864
	<b>Programme</b> <Prgrmm>	[0..*]	±		865
	<b>TransactionIdentification</b> <TxId>	[0..1]	±		865
	<b>ConversionDateTime</b> <ConvsDtTm>	[0..1]	±		866
	<b>Acceptor</b> <Accptr>	[0..1]	±		866
	<b>Terminal</b> <Termnl>	[0..1]	±		867
	<b>Context</b> <Cntxt>	[0..1]	±		867
	<b>Payer</b> <Pyer>	[0..1]	±		869
	<b>Payee</b> <Pyee>	[0..1]	±		870
	<b>Token</b> <Tkn>	[0..1]	±		871
	<b>Wallet</b> <Wllt>	[0..1]	±		872
	<b>SpecialProgrammeQualification</b> <SpclPrgrmmQlfcfn>	[0..*]	±		873

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			874
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		874
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		874
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		874
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		875
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		876
	<b>DisputeData</b> <DsptData>	[1..*]	±		876
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFlfmtInstrs>	[0..*]	±		877
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		878
	<b>RetrievalFulfilmentDestination</b> <RtrvlFlfmtDstn>	[0..1]	±		880
	<b>ProcessingResult</b> <PrccgRslt>	[0..1]	±		881
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		881
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		882
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	882
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		882

## 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 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.

## 33.4 Message Building Blocks

This chapter describes the MessageBuildingBlocks of this MessageDefinition.

### 33.4.1 Header <Hdr>

*Presence:* [0..1]

*Definition:* Information related to the protocol management.

**Header <Hdr>** contains the following elements (see "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 33.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		859
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		860
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		860
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		860
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		861
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		861
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		861
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		861
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		861

### 33.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822

### 33.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 33.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

### 33.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]



*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

33.4.2.5 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

33.4.2.6 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 1821

33.4.2.7 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

33.4.2.8 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

33.4.2.9 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

33.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 33.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 33.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 33.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData13](#)" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

### 33.4.7 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 33.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 33.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 33.4.10 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 33.4.11 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification54" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

### 33.4.12 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 33.4.13 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

### 33.4.14 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

### 33.4.15 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the transaction.

**Context <Cntxt>** contains the following elements (see "Context24" on page 1535 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1537
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1538
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1538
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1538
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1538
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1539
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1539
	CardPresent <CardPres>	[0..1]	Indicator		1539
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1539
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1539
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1540
	Transit <Trnst>	[0..1]	Indicator		1540
	Attended <Attndd>	[0..1]	Indicator		1540
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1540
	ECommerce <EComrc>	[0..1]	Indicator		1541
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1541
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1541
	ECommerceData <EComrcData>	[0..*]			1541
	Type <Tp>	[1..1]	Text		1541
	Value <Val>	[1..1]	Text		1541
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1542
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1542
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1542
	NoShow <NoShow>	[0..1]	Indicator		1542
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1542
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1543
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1543
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1543
	DeferredDelivery <DfrddDlvry>	[0..1]	Indicator		1543
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1544



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1544
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1544
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1544
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1545
	StorageLocation <StorgLctn>	[0..1]	Text		1545
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1546
	PaymentCredentialMerchantRelationship <PmtCrntlMrchntRltsh>	[0..1]	Indicator		1546
	CaptureDate <CaptrDt>	[0..1]	Date		1546
	DateAnticipated <DtAntcptd>	[0..1]	Date		1546
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1546
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1546
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1547
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1547
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1547
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1548
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1548
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1548
	ReceiptRequest <RctReq>	[0..1]	Indicator		1548
	ReceiptType <RctTp>	[0..*]	CodeSet		1548
	ReceiptDestination <RctDstrn>	[0..1]	Text		1549
	AdditionalData <AddtlData>	[0..*]	±		1549

### 33.4.16 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

### 33.4.17 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

### 33.4.18 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 33.4.19 Wallet <Wlft>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 33.4.20 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 33.4.21      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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		874
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		874

#### 33.4.21.1 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 1854):

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

#### 33.4.21.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 33.4.22      SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 33.4.23 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 33.4.24 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 33.4.25 DisputeData <DsptData>

*Presence:* [1..\*]

*Definition:* Information about the dispute.



**DisputeData <DsptData>** contains the following elements (see "DisputeData4" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

### 33.4.26 RetrievalFulfilmentInstructions <RtrvFlfmtlnstrs>

*Presence:* [0..\*]

*Definition:* Fulfilment request instructions for the retrieval.

**RetrievalFulfilmentInstructions <RtrvIFlmtInstrs>** contains the following elements (see "RetrievalFulfilmentInstructions3" on page 1611 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedMethod <ReqdMtd>	[0..*]	Text		1611
	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1611
	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1612
	Contact <Ctct>	[0..1]			1612
	Name <Nm>	[0..1]	Text		1612
	GivenName <GvnNm>	[0..1]	Text		1612
	MiddleName <MddlNm>	[0..1]	Text		1612
	LastName <LastNm>	[0..1]	Text		1613
	Phone <Phne>	[0..1]	Text		1613
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1613
	TollFreePhone <TollFreePhne>	[0..1]	Text		1613
	Email <Email>	[0..1]	Text		1613
	Fax <Fax>	[0..1]	Text		1613
	URL <URL>	[0..1]	Text		1613
	Language <Lang>	[0..1]	CodeSet		1613
	PostalAddress <PstlAdr>	[0..1]	±		1613
	Recipient <Rcpt>	[0..1]	CodeSet		1614
	Target <Trgt>	[0..*]	CodeSet		1615
	Format <Frmt>	[0..1]	CodeSet		1615
	Type <Tp>	[0..1]	Text		1615
	Value <Val>	[1..1]	Text		1615

### 33.4.27 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Contains details of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "OriginalTransaction3" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCharacteristics <TxChrtcs>	[0..1]	±		1490
	Originator <Orgtr>	[0..1]	±		1491
	Acquirer <Acqrr>	[0..1]	±		1491
	Sender <Sndr>	[0..1]	±		1492
	Card <Card>	[1..1]	±		1492
	AccountFrom <AcctFr>	[0..1]	±		1493
	AccountTo <AcctTo>	[0..1]	±		1493
	Receiver <Rcvr>	[0..1]	±		1494
	Issuer <Issr>	[0..1]	±		1494
	Destination <Dstr>	[0..1]	±		1495
	Programme <Prgrmm>	[0..1]	±		1495
	TransactionIdentification <TxId>	[0..1]	±		1495
	ConversionDateTime <ConvsvDtTm>	[0..1]	±		1496
	ExchangeRate <XchgRate>	[0..*]			1496
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAmounts <TxAmts>	[0..1]	±		1500
	AdditionalAmount <AddtlAmt>	[0..*]	±		1501
	Acceptor <Accptr>	[0..1]	±		1501
	Terminal <Termnl>	[0..1]	±		1503
	POIComponent <POICmpnt>	[0..*]	±		1505
	Context <Cntxt>	[0..1]	±		1505
	Payer <Pyer>	[0..1]	±		1508
	Payee <Pyee>	[0..1]	±		1509
	Token <Tkn>	[0..1]	±		1510
	CustomerDevice <CstmrDvc>	[0..1]	±		1511
	Wallet <Wlt>	[0..1]	±		1512
	Cardholder <Crhdldr>	[0..1]	±		1513
	Verification <Vrfctn>	[0..*]	±		1514
	Risk <Rsk>	[0..*]	±		1515
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1515
	AdditionalService <AddtlSvc>	[0..*]	±		1515
	FundsServices <FndsSvcs>	[0..1]	±		1516
	DepositDetails <DpstDtls>	[0..*]	±		1516
	Jurisdiction <Jursdctn>	[0..1]			1517
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517
	SettlementService <SttlmSvc>	[0..1]	±		1517
	AdditionalFee <AddtlFee>	[0..*]	±		1518
	Reconciliation <Rcncltn>	[0..1]	±		1519
	DisputeData <DsptData>	[0..*]	±		1519
	Documentation <Dcmnttn>	[0..*]	±		1520
	ProcessingResult <PrcgRslt>	[0..1]	±		1520

### 33.4.28 RetrievalFulfilmentDestination <RtrvFIfmtDstn>

*Presence:* [0..1]

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

**RetrievalFulfilmentDestination <RtrvIfFmtDstn>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

### 33.4.29 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult25" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1747
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1747
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1748
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1748
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1748
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1748
	ResponseCode <RspnCd>	[0..1]	CodeSet		1749
	ApprovalCode <ApprvlCd>	[0..1]	Text		1749
	AdditionalInformation <AddtlInf>	[0..*]	±		1749

### 33.4.30 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 33.4.31 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 33.4.32 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

### 33.4.33 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 34      **cain.022.001.03** **RetrievalResponseV03**

### 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 RetrievalResponseV03 MessageDefinition is composed of 32 MessageBuildingBlocks:

- A. Header  
Information related to the protocol management.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.
- L. ConversionDateTime  
Date and Time of currency conversion.
- M. Acceptor  
Card acceptor performing the card transaction.



N. Terminal

Payment terminal or ATM performing the transaction.

O. Context

Context of the transaction.

P. Payer

The party providing source of funds.

Q. Payee

The party receiving funds.

R. Token

Details of payment token.

S. Wallet

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

T. SpecialProgrammeQualification

Data to qualify for incentive or other related programmes.

U. Jurisdiction

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

V. SettlementService

Type of settlement service for specific services requiring settlement.

W. AdditionalFee

Fees not included in the transaction amount.

X. Reconciliation

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

Y. DisputeData

Information about the dispute.

Z. RetrievalFulfilmentInstructions

Fulfilment request instructions for the retrieval.

A ProcessingResult

A. Outcome of the processing of the authorisation.

AB OriginalResponseCode

· Original Response code.

AC AdditionalData

· Contains additional data.

A ProtectedData

D. Contains protected data and the attributes used to protect the data.

AE SupplementaryData

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

AF SecurityTrailer

- Trailer of the message containing a MAC.

## 34.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <RtrvlRspn>	[1..1]			
	Header <Hdr>	[0..1]	±		888
	TransactionCharacteristics <TxChrtcs>	[0..1]			889
	TransactionType <TxTp>	[0..1]	CodeSet		889
	TransactionSubType <TxSubTp>	[0..1]	Text		890
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		890
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		890
	Cancellation <Cxl>	[0..1]	Indicator		891
	MessageReason <MsgRsn>	[0..*]	CodeSet		891
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		891
	TransactionDescription <TxDesc>	[0..1]	Text		891
	AdditionalData <AddtlData>	[0..*]	±		891
	Originator <Orgtr>	[0..1]	±		891
	Acquirer <Acqrr>	[1..1]	±		892
	Sender <Sndr>	[0..1]	±		892
	Card <Card>	[0..1]	±		893
	Receiver <Rcvr>	[0..1]	±		893
	Issuer <Issr>	[0..1]	±		894
	Destination <Dstn>	[0..1]	±		894
	Programme <Prgrmm>	[0..*]	±		895
	TransactionIdentification <TxId>	[0..1]	±		895
	ConversionDateTime <ConvsDtTm>	[0..1]	±		896
	Acceptor <Accptr>	[0..1]	±		896
	Terminal <Termnl>	[0..1]	±		897
	Context <Cntxt>	[0..1]	±		897
	Payer <Pyer>	[0..1]	±		899
	Payee <Pyee>	[0..1]	±		900
	Token <Tkn>	[0..1]	±		901
	Wallet <Wllt>	[0..1]	±		902
	SpecialProgrammeQualification <SpclPrgrmmQlfcfn>	[0..*]	±		903

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			904
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		904
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		904
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		904
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		905
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		906
	<b>DisputeData</b> <DsptData>	[1..*]	±		906
	<b>RetrievalFulfilmentInstructions</b> <RtrvlFlfmtInstrs>	[0..*]	±		907
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		908
	<b>OriginalResponseCode</b> <OrgnlRspnCd>	[0..1]	CodeSet		909
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		909
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		909
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	910
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		910

## 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 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:* [0..1]

*Definition:* Information related to the protocol management.

**Header <Hdr>** contains the following elements (see "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 34.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		889
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		890
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		890
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		890
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		891
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		891
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		891
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		891
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		891

### 34.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822

### 34.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 34.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

### 34.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

**34.4.2.5 Cancellation <Cxl>**

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

**34.4.2.6 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 1821

**34.4.2.7 AlternateMessageReason <AltrnMsgRsn>**

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

**34.4.2.8 TransactionDescription <TxDesc>**

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

**34.4.2.9 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**34.4.3 Originator <Orgtr>**

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 34.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 34.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 34.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData13](#)" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

### 34.4.7 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 34.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 34.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 34.4.10 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 34.4.11 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification54" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

### 34.4.12 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 34.4.13 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

### 34.4.14 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

### 34.4.15 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the transaction.

**Context <Cntxt>** contains the following elements (see "Context24" on page 1535 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1537
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1538
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1538
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1538
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1538
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1539
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1539
	CardPresent <CardPres>	[0..1]	Indicator		1539
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1539
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1539
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1540
	Transit <Trnst>	[0..1]	Indicator		1540
	Attended <Attndd>	[0..1]	Indicator		1540
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1540
	ECommerce <EComrc>	[0..1]	Indicator		1541
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1541
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1541
	ECommerceData <EComrcData>	[0..*]			1541
	Type <Tp>	[1..1]	Text		1541
	Value <Val>	[1..1]	Text		1541
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1542
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1542
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1542
	NoShow <NoShow>	[0..1]	Indicator		1542
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1542
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1543
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1543
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1543
	DeferredDelivery <DfrddDlvry>	[0..1]	Indicator		1543
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SplitPayment <SpltPmt>	[0..1]	Indicator		1544
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1544
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1544
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1545
	StorageLocation <StorgLctn>	[0..1]	Text		1545
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1546
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1546
	CaptureDate <CaptrDt>	[0..1]	Date		1546
	DateAnticipated <DtAntcptd>	[0..1]	Date		1546
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1546
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1546
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1547
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1547
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1547
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1548
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1548
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1548
	ReceiptRequest <RctReq>	[0..1]	Indicator		1548
	ReceiptType <RctTp>	[0..*]	CodeSet		1548
	ReceiptDestination <RctDstrn>	[0..1]	Text		1549
	AdditionalData <AddtlData>	[0..*]	±		1549

### 34.4.16 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

### 34.4.17 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.



**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 34.4.18 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 34.4.19 Wallet <Wlft>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 34.4.20 SpecialProgrammeQualification <SpclPrgrmmQlfcnt>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfcnt>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

### 34.4.21      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
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		904
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		904

#### 34.4.21.1 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 1854):

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

#### 34.4.21.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 34.4.22      SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 34.4.23 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 34.4.24 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 34.4.25 DisputeData <DsptData>

*Presence:* [1..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "DisputeData4" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

### 34.4.26 RetrievalFulfilmentInstructions <RtrvFlfmtlnstrs>

*Presence:* [0..\*]

*Definition:* Fulfilment request instructions for the retrieval.

**RetrievalFulfilmentInstructions <RtrvIFlmtlnstrs>** contains the following elements (see "RetrievalFulfilmentInstructions3" on page 1611 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedMethod <ReqdMtd>	[0..*]	Text		1611
	EstablishedMethod <EstblishdMtd>	[0..*]	Text		1611
	ActualDeliveryMethod <ActlDlvryMtd>	[0..1]	Text		1612
	Contact <Ctct>	[0..1]			1612
	Name <Nm>	[0..1]	Text		1612
	GivenName <GvnNm>	[0..1]	Text		1612
	MiddleName <MddlNm>	[0..1]	Text		1612
	LastName <LastNm>	[0..1]	Text		1613
	Phone <Phne>	[0..1]	Text		1613
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1613
	TollFreePhone <TollFreePhne>	[0..1]	Text		1613
	Email <Email>	[0..1]	Text		1613
	Fax <Fax>	[0..1]	Text		1613
	URL <URL>	[0..1]	Text		1613
	Language <Lang>	[0..1]	CodeSet		1613
	PostalAddress <PstlAdr>	[0..1]	±		1613
	Recipient <Rcpt>	[0..1]	CodeSet		1614
	Target <Trgt>	[0..*]	CodeSet		1615
	Format <Frmt>	[0..1]	CodeSet		1615
	Type <Tp>	[0..1]	Text		1615
	Value <Val>	[1..1]	Text		1615

### 34.4.27 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation.



**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult23" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

### 34.4.28 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* "ISO8583ResponseCode" on page 1822

### 34.4.29 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 34.4.30 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 34.4.31 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

### 34.4.32 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 35 cain.023.001.03 CardManagementInitiationV03

## 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 CardManagementInitiationV03 MessageDefinition is composed of 41 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. AccountFrom  
Identifies a customer account or a relationship to its account affected for debit, inquiries and the source of funding for transfers.
- H. AccountTo  
Identifies a customer account or a relationship to its account affected for credits, inquiries and the destination account for funds transfers.
- I. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- J. Issuer  
Information related to the issuer.
- K. Destination  
Identifies the destination of the transaction.
- L. Programme  
Programme, network, or brand processes the transaction.
- M. TransactionIdentification

Identification of the transaction.

N. NewPINData

Encrypted new Personal Identification Number (PIN) and related information.

O. ConversionDateTime

Date and Time of currency conversion.

P. ExchangeRate

Further detailed information on the exchange rates that have been used in or are related to the transaction.

Q. TransactionAmounts

Amounts of the card transaction.

R. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

S. OriginalDataElements

Data elements contained in the original message.

T. Acceptor

Card acceptor performing the card transaction.

U. Terminal

Payment terminal or ATM performing the transaction.

V. POIComponent

Data related to the components of the POI (Point Of Interaction) performing the transactions.

W. Context

Contains or describes conditions and characteristics of the transaction.

X. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

Y. Token

Details of payment token.

Z. CustomerDevice

Identification of the customer device performing the transaction.

A Wallet

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

AB Cardholder

· Cardholder performing the card payment transaction.

AC Verification

· Contain validation result and/or data to be validated.

- 
- A Risk
  - D. Context of risk associated with the transaction.
  - AE AdditionalService
    - Additional functions or services to be performed in conjunction with the transaction.
  - AF Jurisdiction
    - Contains information that identifies or is specific to a transaction jurisdiction.
  - A SettlementService
  - G. Type of settlement service for specific services requiring settlement.
  - A AdditionalFee
  - H. Fees not included in the transaction amount.
  - AI. Reconciliation
    - Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
  - AJ. ProcessingResult
    - Outcome of the processing of the authorisation.
  - A AdditionalData
  - K. Contains additional data.
  - AL StrongCustomerAuthentication
    - EU PSD2 Strong Consumer Authentication data.
  - A ProtectedData
  - M. Contains protected data and the attributes used to protect the data.
  - A SupplementaryData
  - N. Additional information that can not be captured in the structured fields and/or other specific block.
  - A SecurityTrailer
  - O. Trailer of the message containing a MAC.

## 35.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <CardMgmtInitn>	[1..1]			
	<b>Header</b> <Hdr>	[1..1]	±		916
	<b>TransactionCharacteristics</b> <TxChrtcs>	[1..1]			917
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		917
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		917
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		918
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		918
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		918
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		918
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		918
	<b>Originator</b> <Orgtr>	[0..1]	±		918
	<b>Acquirer</b> <Acqrr>	[1..1]	±		919
	<b>Sender</b> <Sndr>	[0..1]	±		919
	<b>Card</b> <Card>	[0..1]	±		920
	<b>AccountFrom</b> <AcctFr>	[0..1]	±		921
	<b>AccountTo</b> <AcctTo>	[0..1]	±		921
	<b>Receiver</b> <Rcvr>	[0..1]	±		921
	<b>Issuer</b> <Issr>	[0..1]	±		922
	<b>Destination</b> <Dstn>	[0..1]	±		922
	<b>Programme</b> <Prgrmm>	[0..1]	±		922
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		923
	<b>NewPINData</b> <NewPINData>	[0..1]	±		924
	<b>ConversionDateTime</b> <ConvsDtTm>	[0..1]	±		925
	<b>ExchangeRate</b> <XchgRate>	[0..*]			925
	<b>Provider</b> <Prvdr>	[0..1]	Text		926
	<b>Identification</b> <Id>	[0..1]	Text		926
	<b>Date</b> <Dt>	[0..1]	Date		926
	<b>Time</b> <Tm>	[0..1]	Time		926
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		927
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		927

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	927
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	927
	<b>Rate</b> <Rate>	[0..1]	Rate		928
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		928
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		928
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		928
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		929
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		929
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		929
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		929
	<b>TransactionAmounts</b> <TxAmts>	[0..1]	±		929
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		930
	<b>OriginalDataElements</b> <OrgnlDataElmts>	[0..1]	±		930
	<b>Acceptor</b> <Accptr>	[1..1]	±		931
	<b>Terminal</b> <Termnl>	[0..1]	±		933
	<b>POIComponent</b> <POICmpnt>	[0..*]	±		935
	<b>Context</b> <Cntxt>	[1..1]	±		935
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		937
	<b>Token</b> <Tkn>	[0..1]	±		937
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		938
	<b>Wallet</b> <Wllt>	[0..1]	±		939
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		940
	<b>Verification</b> <Vrfctn>	[0..*]	±		941
	<b>Risk</b> <Rsk>	[0..*]	±		942
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		942
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			943
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		943
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		943
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		943
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		944
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		945

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		945
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		946
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			946
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		947
	<b>Exemption</b> <Xmptn>	[0..*]			947
	<b>Type</b> <Tp>	[1..1]	CodeSet		947
	<b>Value</b> <Val>	[1..1]	CodeSet		948
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		948
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		948
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		949
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		949
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		949
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	949
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		950

## 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 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.

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 35.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		917
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		917
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		918
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		918
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		918
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		918
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		918

### 35.4.2.1 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 1822

### 35.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

35.4.2.3 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

35.4.2.4 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 1821

35.4.2.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

35.4.2.6 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

35.4.2.7 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

35.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 35.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 35.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 35.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData11](#)" on page 1205 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1205
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208

## 35.4.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 35.4.8 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

## 35.4.9 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 35.4.10 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 35.4.11 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 35.4.12 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode4" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIdId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

35.4.13

TransactionIdentification <TxId>

*Presence:* [1..1]  
*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

### 35.4.14 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 1663 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1663
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1663
	DerivedInformation <DrvdInf>	[0..1]	Text		1664
	Algorithm <Algo>	[0..1]	Text		1664
	KeyLength <KeyLngth>	[0..1]	Text		1664
	KeyProtection <KeyPrctn>	[0..1]	Text		1664
	KeyIndex <KeyIndx>	[0..1]	Text		1664
	PINBlockFormat <PINBlckFmt>	[1..1]	Text		1665
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	Text		1665

### 35.4.15 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "[DateTime2](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 35.4.16 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate** <XchgRate> contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Provider</b> <Prvdr>	[0..1]	Text		926
	<b>Identification</b> <Id>	[0..1]	Text		926
	<b>Date</b> <Dt>	[0..1]	Date		926
	<b>Time</b> <Tm>	[0..1]	Time		926
	<b>EndPoint</b> <EndPt>	[0..1]	CodeSet		927
	<b>OtherEndPoint</b> <OthrEndPt>	[0..1]	Text		927
	<b>CounterCurrencyCode</b> <CntrCcyCd>	[0..1]	CodeSet	C2	927
	<b>BaseCurrencyCode</b> <BaseCcyCd>	[0..1]	CodeSet	C2	927
	<b>Rate</b> <Rate>	[0..1]	Rate		928
	<b>RateType</b> <RateTp>	[0..1]	CodeSet		928
	<b>OtherRateType</b> <OthrRateTp>	[0..1]	Text		928
	<b>AgreementType</b> <AgrmtTp>	[0..1]	CodeSet		928
	<b>OtherAgreementType</b> <OthrAgrmtTp>	[0..1]	Text		929
	<b>RateLockRequested</b> <RateLckReqd>	[0..1]	Indicator		929
	<b>RateLockEligible</b> <RateLckElgbl>	[0..1]	Indicator		929
	<b>RateLockApplied</b> <RateLckApld>	[0..1]	Indicator		929

#### 35.4.16.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

#### 35.4.16.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the specific rate, table or file that contains the rate information.

*Datatype:* "Max70Text" on page 1867

#### 35.4.16.3 Date <Dt>

*Presence:* [0..1]

*Definition:* The date the exchange rate data is effective.

*Datatype:* "ISODate" on page 1854

#### 35.4.16.4 Time <Tm>

*Presence:* [0..1]

*Definition:* The time the exchange rate data is effective.

*Datatype:* "ISOTime" on page 1869

### 35.4.16.5 EndPoint <EndPt>

*Presence:* [0..1]

*Definition:* Identifies the party to which this detail applies.

*Datatype:* "Endpoint1Code" on page 1810

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.

### 35.4.16.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined endpoint.

*Datatype:* "Max35Text" on page 1864

### 35.4.16.7 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 1821

#### Constraints

- **ValidationByTable**

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

### 35.4.16.8 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 1821

**Constraints**

- **ValidationByTable**

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

**35.4.16.9 Rate <Rate>**

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

**35.4.16.10 RateType <RateTp>**

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

**35.4.16.11 OtherRateType <OthrRateTp>**

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864

**35.4.16.12 AgreementType <AgrmtTp>**

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

CodeName	Name	Definition
SPOT	Spot	Spot agreement exchange rate type.

### 35.4.16.13 OtherAgreementType <OthrAgrmtTp>

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

### 35.4.16.14 RateLockRequested <RateLckReqd>

*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 1854):

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

### 35.4.16.15 RateLockEligible <RateLckElgbl>

*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 1854):

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

### 35.4.16.16 RateLockApplied <RateLckApld>

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

## 35.4.17 TransactionAmounts <TxAmts>

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts4](#)" on page 1173 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1174
	Amount <Amt>	[0..1]	Amount		1174
	Currency <Ccy>	[0..1]	CodeSet	C2	1174
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1175
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1175
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1175
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1175
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1175
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1176
	DetailedAmount <DtldAmt>	[0..*]	±		1176

### 35.4.18 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 "[AdditionalAmounts4](#)" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

### 35.4.19 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements4" on page 1696 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1697
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1697
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1698
	SenderIdentification <Sndrld>	[0..1]	Text		1698
	TransactionType <TxTp>	[0..1]	CodeSet		1698
	TransactionIdentification <Txld>	[0..1]	±		1698
	ResponseCode <RspnCd>	[0..1]	CodeSet		1699

## 35.4.20 Acceptor <Accptr>

*Presence:* [1..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptr>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648



## 35.4.21      **Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal7" on page 1680 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrpLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

### 35.4.22 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrlId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

### 35.4.23 Context <Cntxt>

*Presence:* [1..1]

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

**Context <Cntxt>** contains the following elements (see "Context23" on page 1549 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1551
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1552
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1552
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1552
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1552
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1553
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1553
	CardPresent <CardPres>	[0..1]	Indicator		1553
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1553
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1553
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1554
	Transit <Trnst>	[0..1]	Indicator		1554
	Attended <Attndd>	[0..1]	Indicator		1554
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1554
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1555
	ECommerce <EComrc>	[0..1]	Indicator		1555
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1555
	ECommerceData <EComrcData>	[0..*]			1555
	Type <Tp>	[1..1]	Text		1555
	Value <Val>	[1..1]	Text		1555
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1556
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1556
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1556
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1556
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1556
	NoShow <NoShow>	[0..1]	Indicator		1557
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1557
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1557
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1557
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlrvy>	[0..1]	Indicator		1558
	PartialShipment <PrtlShpmnt>	[0..1]	Indicator		1558
	SplitPayment <Spltpmt>	[0..1]	Indicator		1558
	PartialApprovalSupported <PrtlApprvlSpptd>	[0..1]	Indicator		1559
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1559
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1560
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1560
	StorageLocation <StorgLctn>	[0..1]	Text		1560
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1560
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1560
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1561
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1561
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1561
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1561
	MagneticStripeFallback <MgntcStrpFllbck>	[0..1]	Indicator		1562
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1562
	CaptureDate <CaptrDt>	[0..1]	Date		1562
	DateAnticipated <DtAntcptd>	[0..1]	Date		1562
	AdditionalData <AddtlData>	[0..*]	±		1562

### 35.4.24 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

### 35.4.25 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 35.4.26 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdllId>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 35.4.27 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 35.4.28 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.



**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 35.4.29 Verification <Vrfctn>

*Presence:* [0..\*]

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

**Verification <Vrfctn>** contains the following elements (see "Verification6" on page 1778 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <RsIt>	[0..1]	CodeSet		1782
	OtherResult <OthrRsIt>	[0..1]	Text		1782
	ResultDetails <RsItDtls>	[0..*]	±		1782

### 35.4.30 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

### 35.4.31 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

### 35.4.32 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		943
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		943

#### 35.4.32.1 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 1854):

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

#### 35.4.32.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 35.4.33 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService5](#)" on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

### 35.4.34 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 35.4.35 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 35.4.36 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult27" on page 1761 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqr>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

### 35.4.37 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 35.4.38 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		947
	<b>Exemption</b> <Xmptn>	[0..*]			947
	<b>Type</b> <Tp>	[1..1]	CodeSet		947
	<b>Value</b> <Val>	[1..1]	CodeSet		948
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		948
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		948
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		949
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		949

### 35.4.38.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

### 35.4.38.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		947
	<b>Value</b> <Val>	[1..1]	CodeSet		948
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		948

#### 35.4.38.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code" on page 1811](#)

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 35.4.38.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 35.4.38.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 35.4.38.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796



CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 35.4.38.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 35.4.38.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 35.4.39 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 35.4.40 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 35.4.41 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 36 cain.024.001.03 CardManagementResponseV03

### 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 CardManagementResponseV03 MessageDefinition is composed of 36 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.
- L. ConversionDateTime  
Date and Time of currency conversion.
- M. TransactionAmounts  
Amounts of the card transaction.

N. AdditionalAmount

Amounts that are not part of the transaction amount and not included in reconciliation.

O. OriginalDataElements

Data elements contained in the original message.

P. Acceptor

Card acceptor performing the card transaction.

Q. Terminal

Payment terminal or ATM performing the transaction.

R. Context

Context in which the card transaction is performed.

S. ICCRelatedData

Data related to an integrated circuit card application embedded in the payment card of the cardholder.

T. Token

Details of payment token.

U. CustomerDevice

Identification of the customer device performing the transaction.

V. Wallet

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

W. Cardholder

Cardholder performing the card payment transaction.

X. Verification

Method and data intended to be used for this transaction in order to authenticate or verify the cardholder or his card.

Y. Risk

Context of risk associated with the transaction.

Z. AdditionalService

Additional functions or services to be performed in conjunction with the transaction.

A Jurisdiction

- A. Contains information that identifies or is specific to a transaction jurisdiction.

AB SettlementService

- Type of settlement service for specific services requiring settlement.

AC AdditionalFee

- Fees not included in the transaction amount.

A Reconciliation

D.

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

AE ProcessingResult

- Outcome of the processing of the authorisation.

AF AdditionalData

- Contains additional data.

A StrongCustomerAuthentication

- G. EU PSD2 Strong Consumer Authentication data.

A ProtectedData

- H. Contains protected data and the attributes used to protect the data.

AI. SupplementaryData

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

AJ. 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]	±		956
	<b>TransactionCharacteristics</b> <TxChrtcs>	[1..1]			956
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		957
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		957
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		957
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		957
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		957
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		957
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		957
	<b>Originator</b> <Orgtr>	[0..1]	±		958
	<b>Acquirer</b> <Acqrr>	[1..1]	±		958
	<b>Sender</b> <Sndr>	[0..1]	±		959
	<b>Card</b> <Card>	[0..1]	±		959
	<b>Receiver</b> <Rcvr>	[0..1]	±		960
	<b>Issuer</b> <Issr>	[0..1]	±		961
	<b>Destination</b> <Dstn>	[0..1]	±		961
	<b>Programme</b> <Prgrmm>	[0..*]	±		961
	<b>TransactionIdentification</b> <TxId>	[1..1]	±		962
	<b>ConversionDateTime</b> <ConvDtTm>	[0..1]	±		963
	<b>TransactionAmounts</b> <TxAmts>	[0..1]	±		964
	<b>AdditionalAmount</b> <AddtlAmt>	[0..*]	±		964
	<b>OriginalDataElements</b> <OrgnlDataElmts>	[0..1]	±		965
	<b>Acceptor</b> <Accptr>	[0..1]	±		965
	<b>Terminal</b> <Termnl>	[0..1]	±		966
	<b>Context</b> <Cntxt>	[0..1]	±		966
	<b>ICCRRelatedData</b> <ICCRltdData>	[0..1]	Text		968
	<b>Token</b> <Tkn>	[0..1]	±		968
	<b>CustomerDevice</b> <CstmrDvc>	[0..1]	±		968
	<b>Wallet</b> <Wllt>	[0..1]	±		969

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Cardholder</b> <Crdhldr>	[0..1]	±		970
	<b>Verification</b> <Vrfctn>	[0..*]	±		971
	<b>Risk</b> <Rsk>	[0..*]	±		972
	<b>AdditionalService</b> <AddtlSvc>	[0..*]	±		972
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			973
	<b>DomesticIndicator</b> <Dmstlnd>	[0..1]	Indicator		973
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		973
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		973
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		974
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		975
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		975
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		976
	<b>StrongCustomerAuthentication</b> <StrngCstmrAuthntcn>	[0..1]			976
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		977
	<b>Exemption</b> <Xmptn>	[0..*]			977
	<b>Type</b> <Tp>	[1..1]	CodeSet		977
	<b>Value</b> <Val>	[1..1]	CodeSet		978
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		978
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		978
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		979
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		979
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		979
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	979
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		980

## 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

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmsnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 36.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [1..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[1..1]	CodeSet		957
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		957
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		957
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		957
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		957
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		957
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		957



#### 36.4.2.1 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 1822

#### 36.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 36.4.2.3 Cancellation <Cxl>

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 36.4.2.4 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 1821

#### 36.4.2.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 36.4.2.6 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

#### 36.4.2.7 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 36.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 36.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 36.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 36.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "CardData12" on page 1198 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1199
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1199
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1199
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1200
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1200
	Track3 <Trck3>	[0..1]	Text		1200
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1200
	PANAccountRange <PANAcctRg>	[0..1]	Text		1200
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1200
	Country <Ctry>	[0..1]	CodeSet		1200
	Currency <Ccy>	[0..1]	CodeSet	C2	1201
	ProductType <PdctTp>	[0..1]	Text		1201
	ProductSubType <PdctSubTp>	[0..1]	Text		1201
	PortfolioIdentifier <PrtfllId>	[0..1]	Text		1201
	AdditionalData <AddtlData>	[0..*]	±		1201

## 36.4.7 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 36.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 36.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 36.4.10 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApldId>	[1..1]	Text		1197
	AdditionalIdentification <AddtId>	[0..*]	±		1197

### 36.4.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification57" on page 1703 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssocdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1708

## 36.4.12 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 36.4.13 TransactionAmounts <TxAmts>

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts4" on page 1173 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1174
	Amount <Amt>	[0..1]	Amount		1174
	Currency <Ccy>	[0..1]	CodeSet	C2	1174
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1175
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1175
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1175
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1175
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1175
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1176
	DetailedAmount <DtldAmt>	[0..*]	±		1176

### 36.4.14 AdditionalAmount <AddtlAmt>

*Presence:* [0..\*]

*Definition:* Amounts that are not part of the transaction amount and not included in reconciliation.



**AdditionalAmount <AddtIAmt>** contains the following elements (see "AdditionalAmounts4" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

### 36.4.15 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements4" on page 1696 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1697
	MessageFunction <MsgFctr>	[0..1]	CodeSet		1697
	AcquirerIdentification <AcqrId>	[0..1]	Text		1698
	SenderIdentification <SndrId>	[0..1]	Text		1698
	TransactionType <TxTp>	[0..1]	CodeSet		1698
	TransactionIdentification <TxId>	[0..1]	±		1698
	ResponseCode <RspnCd>	[0..1]	CodeSet		1699

### 36.4.16 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

### 36.4.17 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

### 36.4.18 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context in which the card transaction is performed.

**Context <Cntxt>** contains the following elements (see "Context20" on page 1576 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1578
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1578
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1578
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1579
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1579
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1579
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1580
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1580
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1580
	Transit <Trnst>	[0..1]	Indicator		1580
	Attended <Attndd>	[0..1]	Indicator		1581
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1581
	ECommerce <EComrc>	[0..1]	Indicator		1581
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1581
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1581
	ECommerceData <EComrcData>	[0..*]			1582
	Type <Tp>	[1..1]	Text		1582
	Value <Val>	[1..1]	Text		1582
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1582
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1582
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1582
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1583
	NoShow <NoShow>	[0..1]	Indicator		1583
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1583
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1583
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1584
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1584
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1584

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1585
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1585
	StorageLocation <StorgLctn>	[0..1]	Text		1585
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1585

### 36.4.19 ICCRelatedData <ICCRltdData>

*Presence:* [0..1]

*Definition:* Data related to an integrated circuit card application embedded in the payment card of the cardholder.

*Datatype:* "Max10KHexBinaryText" on page 1859

### 36.4.20 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 36.4.21 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdld>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

## 36.4.22 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

### 36.4.23 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <Crhdldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

## 36.4.24 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 "[Verification7](#)" on page 1776 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1776
	OtherType <OthrTp>	[0..1]	Text		1776
	SubType <SubTp>	[0..1]	Text		1776
	Entity <Ntty>	[0..1]	CodeSet		1777
	OtherEntity <OthrNtty>	[0..1]	Text		1777
	Result <Rslt>	[0..1]	CodeSet		1777
	OtherResult <OthrRslt>	[0..1]	Text		1778
	ResultDetails <RsltDtls>	[0..*]	±		1778
	AdditionalInformation <AddtlInf>	[0..1]	Text		1778

### 36.4.25 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "[RiskContext3](#)" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

### 36.4.26 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232



### 36.4.27      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		973
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		973

#### 36.4.27.1 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 1854):

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

#### 36.4.27.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 36.4.28      SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 36.4.29 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 36.4.30 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 36.4.31 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult22" on page 1756 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

### 36.4.32 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 36.4.33 StrongCustomerAuthentication <StrngCstmrAuthntcn>

*Presence:* [0..1]

*Definition:* EU PSD2 Strong Consumer Authentication data.

**StrongCustomerAuthentication <StrngCstmrAuthntcn>** contains the following **StrongCustomerAuthentication2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>SubjectToSCA</b> <SbjtToSCA>	[0..1]	Indicator		977
	<b>Exemption</b> <Xmptn>	[0..*]			977
	<b>Type</b> <Tp>	[1..1]	CodeSet		977
	<b>Value</b> <Val>	[1..1]	CodeSet		978
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		978
	<b>DelegatedAuthority</b> <DlgtdAuthrty>	[0..1]	CodeSet		978
	<b>Waiver</b> <Wvr>	[0..1]	CodeSet		979
	<b>ReasonAuthenticationNotPerformed</b> <RsnAuthntcnNotPrfrmd>	[0..1]	Text		979

### 36.4.33.1 SubjectToSCA <SbjtToSCA>

*Presence:* [0..1]

*Definition:* Boolean flag indicating whether the transaction is subject to Strong Customer Authentication requirements (True) or not (False).

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

### 36.4.33.2 Exemption <Xmptn>

*Presence:* [0..\*]

*Definition:* Strong customer authentication exemption detail.

**Exemption <Xmptn>** contains the following **Exemption2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Type</b> <Tp>	[1..1]	CodeSet		977
	<b>Value</b> <Val>	[1..1]	CodeSet		978
	<b>ReasonNotHonored</b> <RsnNotHnrd>	[0..*]	Text		978

#### 36.4.33.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the exemption.

*Datatype:* ["Exemption2Code"](#) on page 1811

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 36.4.33.2.2 Value <Val>

*Presence:* [1..1]

*Definition:* Status of the exemption.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 36.4.33.2.3 ReasonNotHonored <RsnNotHnrd>

*Presence:* [0..\*]

*Definition:* Reason why the exemption claimed was not honoured.

*Datatype:* "Max4Text" on page 1865

#### 36.4.33.3 DelegatedAuthority <DlgtdAuthrty>

*Presence:* [0..1]

*Definition:* Authentication performed by a delegated authority (for example by a wallet solution).

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 36.4.33.4 Waiver <Wvr>

*Presence:* [0..1]

*Definition:* Waiver claimed for a transaction subject to Strong Customer Authentication.

*Datatype:* "AttestationValue1Code" on page 1796

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.

#### 36.4.33.5 ReasonAuthenticationNotPerformed <RsnAuthntcnNotPrfrmd>

*Presence:* [0..1]

*Definition:* Reason why authentication was not performed.

*Datatype:* "Max4Text" on page 1865

### 36.4.34 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 36.4.35 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 36.4.36 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737



# 37      **cain.025.001.03**

## **AddendumInitiationV03**

### **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 AddendumInitiationV03 MessageDefinition is composed of 25 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. DataSource  
Indicates the source of enhanced data.
- C. TransactionDescription  
Transaction data related to programmes and services, content and format based on bilateral agreements.
- D. Originator  
Identifies the originator of the transaction.
- E. Acquirer  
Identification of the acquirer.
- F. Sender  
Party sending the message to another intermediary agent or to the final destination.
- G. Card  
Card or payment token performing the transaction.
- H. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- I. Issuer  
Information related to the issuer.
- J. Destination  
Identifies the destination of the transaction.
- K. Programme  
Programme, network, or brand actually applied to the transaction.
- L. TransactionIdentification  
Identification of the transaction.

- 
- M. Token  
Details of payment token.
  - N. OriginalDataElements  
Data elements contained in the original transaction
  - O. Acceptor  
Card acceptor performing the card transaction.
  - P. Customer  
Information about the customer.
  - Q. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.
  - R. SettlementService  
Type of settlement service for specific services requiring settlement.
  - S. AdditionalFee  
Fees not included in the transaction amount.
  - T. Reconciliation  
Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
  - U. AdditionalData  
Contains additional data.
  - V. AddendumData  
Component contains data structures applicable to certain industries that require specific data within transaction messages.
  - W. ProtectedData  
Contains protected data and the attributes used to protect the data.
  - X. SupplementaryData  
Additional information that can not be captured in the structured fields and/or other specific block.
  - Y. SecurityTrailer  
Trailer of the message containing a MAC.

## 37.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AdddmInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		984
	DataSource <DataSrc>	[0..1]	Text		984
	TransactionDescription <TxDesc>	[0..1]	Text		984
	Originator <Orgtr>	[0..1]	±		985
	Acquirer <Acqrr>	[1..1]	±		985
	Sender <Sndr>	[0..1]	±		985
	Card <Card>	[0..1]	±		986
	Receiver <Rcvr>	[0..1]	±		986
	Issuer <Issr>	[0..1]	±		987
	Destination <Dstin>	[0..1]	±		987
	Programme <Prgrmm>	[0..*]	±		987
	TransactionIdentification <TxId>	[1..1]	±		988
	Token <Tkn>	[0..1]	±		988
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		989
	Acceptor <Accptr>	[0..1]	±		990
	Customer <Cstmr>	[0..1]	±		992
	Jurisdiction <Jursdctn>	[0..1]			992
	DomesticIndicator <DmstInd>	[0..1]	Indicator		992
	DomesticQualification <DmstQlfctn>	[0..1]	Text		992
	SettlementService <SttlmSvc>	[0..1]	±		993
	AdditionalFee <AddtlFee>	[0..*]	±		993
	Reconciliation <Rcncltn>	[0..1]	±		994
	AdditionalData <AddtlData>	[0..*]	±		994
	AddendumData <AdddmData>	[0..1]	±		995
	ProtectedData <PrtctdData>	[0..*]	±		995
	SupplementaryData <SplmtryData>	[0..*]	±	C1	996
	SecurityTrailer <SctyTrlr>	[0..1]	±		996

## 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

## 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 ["Header71" on page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 37.4.2 DataSource <DataSrc>

*Presence:* [0..1]

*Definition:* Indicates the source of enhanced data.

*Datatype:* ["Max70Text" on page 1867](#)

### 37.4.3 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

## 37.4.4 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 37.4.5 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 37.4.6 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 37.4.7 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData14](#)" on page 1196 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1196
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1196
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1196
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1197

## 37.4.8 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 37.4.9 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 37.4.10 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 37.4.11 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand actually applied to the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtIdId>	[0..*]	±		1197

## 37.4.12 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification53](#)" on page 1699 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsIdrTp>	[0..1]	CodeSet		1700
	OtherPurchaseIdentifierType <OthrPurchsIdrTp>	[0..1]	Text		1701
	PurchaseIdentifier <PurchsIdr>	[0..1]	Text		1701
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1701
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1701
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1701
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1701
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1702
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1702
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1702
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1702
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1702
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1702
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1702
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1703
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1703

## 37.4.13 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.



**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 37.4.14 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original transaction

**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1724
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1724
	SenderIdentification <Sndrld>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <Txld>	[0..1]	±		1725
	ConversionDateTime <ConvstDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

---

## 37.4.15      **Acceptor <Accptr>**

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Acceptr>** contains the following elements (see "PartyIdentification288" on page 1642 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648

## 37.4.16 Customer <Cstmr>

*Presence:* [0..1]

*Definition:* Information about the customer.

**Customer <Cstmr>** contains the following elements (see ["Customer4" on page 1665](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1665
	ReferenceNumber <RefNb>	[0..1]	Text		1665
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1666
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1666
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1666
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1666
	VIPIndicator <VIPInd>	[0..1]	Indicator		1666
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1666

## 37.4.17 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		992
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		992

### 37.4.17.1 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 1854](#)):

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

### 37.4.17.2 DomesticQualification <DmstQlfcfn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text" on page 1864](#)

## 37.4.18 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 37.4.19 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 37.4.20 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 37.4.21 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 37.4.22 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 ["AddendumData6"](#) on page 1208 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Sale <Sale>	[0..1]	±		1209
	Fleet <Fleet>	[0..1]	±		1209
	Invoice <Invc>	[0..1]	±		1213
	TravelAgency <TrvlAgcy>	[0..*]	±		1215
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1216
	VehicleRental <VhclRntl>	[0..*]	±		1217
	Lodging <Ldgg>	[0..*]	±		1219
	ShippingData <ShppgData>	[0..1]	±		1222
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1222
	TemporaryServices <TempSvcs>	[0..*]	±		1223
	AdditionalData <AddtlData>	[0..*]	±		1224

### 37.4.23 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 37.4.24 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 37.4.25 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737



## 38 cain.026.001.03 AddendumResponseV03

### 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 AddendumResponseV03 MessageDefinition is composed of 23 MessageBuildingBlocks:

- A. Header  
Information related to the management of the protocol.
- B. TransactionDescription  
Transaction data related to programmes and services, content and format based on bilateral agreements.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.
- L. OriginalDataElements  
Data elements contained in the original message.
- M. Token  
Details of payment token.

N. Acceptor

Card acceptor performing the card transaction.

O. Jurisdiction

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

P. SettlementService

Type of settlement service for specific services requiring settlement.

Q. AdditionalFee

Fees not included in the transaction amount.

R. Reconciliation

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

S. ProcessingResult

Outcome of the processing of the addendum initiation.

T. AdditionalData

Contains additional data.

U. ProtectedData

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

V. SupplementaryData

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

W. SecurityTrailer

Trailer of the message containing a MAC.

## 38.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <AdddmRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1000
	TransactionDescription <TxDesc>	[0..1]	Text		1000
	Originator <Orgtr>	[0..1]	±		1000
	Acquirer <Acqrr>	[1..1]	±		1001
	Sender <Sndr>	[0..1]	±		1001
	Card <Card>	[0..1]	±		1002
	Receiver <Rcvr>	[0..1]	±		1002
	Issuer <Issr>	[0..1]	±		1003
	Destination <Dstn>	[0..1]	±		1003
	Programme <Prgrmm>	[0..*]	±		1003
	TransactionIdentification <TxId>	[1..1]	±		1004
	OriginalDataElements <OrgnlDataElmts>	[0..1]	±		1004
	Token <Tkn>	[0..1]	±		1005
	Acceptor <Accptr>	[0..1]	±		1006
	Jurisdiction <Jursdctn>	[0..1]			1006
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1006
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1006
	SettlementService <SttlmSvc>	[0..1]	±		1007
	AdditionalFee <AddtlFee>	[0..*]	±		1007
	Reconciliation <Rcncltn>	[0..1]	±		1008
	ProcessingResult <PrcgRslt>	[1..1]	±		1008
	AdditionalData <AddtlData>	[0..*]	±		1009
	ProtectedData <PrtctdData>	[0..*]	±		1009
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1009
	SecurityTrailer <SctyTrlr>	[0..1]	±		1010

## 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 ["Header71" on page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 38.4.2 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* ["Max1000Text" on page 1858](#)

### 38.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 38.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 38.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 38.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData14](#)" on page 1196 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1196
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1196
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1196
	PortfolioIdentifier <PrtfIdr>	[0..1]	Text		1197

### 38.4.7 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 38.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 38.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 38.4.10 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtIdId>	[0..*]	±		1197

### 38.4.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification53](#)" on page 1699 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsIdrTp>	[0..1]	CodeSet		1700
	OtherPurchaseIdentifierType <OthrPurchsIdrTp>	[0..1]	Text		1701
	PurchaseIdentifier <PurchsIdr>	[0..1]	Text		1701
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1701
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1701
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1701
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1701
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1702
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1702
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1702
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1702
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1702
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1702
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1702
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1703
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1703

### 38.4.12 OriginalDataElements <OrgnlDataElmts>

*Presence:* [0..1]

*Definition:* Data elements contained in the original message.



**OriginalDataElements <OrgnlDataElmts>** contains the following elements (see "OriginalDataElements3" on page 1723 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgCls>	[0..1]	CodeSet		1723
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1724
	AcquirerIdentification <AcqrId>	[0..1]	Text		1724
	SenderIdentification <SndrId>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <TxId>	[0..1]	±		1725
	ConversionDateTime <ConvDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <ApprvlCd>	[0..1]	Text		1727

### 38.4.13 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrId>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittlInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 38.4.14 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "[PartyIdentification285](#)" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 38.4.15 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		1006
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		1006

### 38.4.15.1 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 1854):

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

### 38.4.15.2 DomesticQualification <DmstQlfcfn>

*Presence:* [0..1]

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

*Datatype:* "[Max35Text](#)" on page 1864

## 38.4.16 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 38.4.17 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 38.4.18 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 38.4.19 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the addendum initiation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult23" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

### 38.4.20 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 38.4.21 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 38.4.22 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 38.4.23 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 39      **cain.027.001.03** **ChargeBackInitiationV03**

### 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 ChargeBackInitiationV03 MessageDefinition is composed of 33 MessageBuildingBlocks:

- A. Header  
Information related to the protocol management.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.
- L. ConversionDateTime  
Date and Time of currency conversion.
- M. TransactionAmounts

Amounts of the card transaction.

N. Acceptor

Card acceptor performing the card transaction.

O. Terminal

Payment terminal or ATM performing the transaction.

P. Context

Context of the chargeback transaction.

Q. Payer

The party providing source of funds.

R. Payee

The party receiving funds.

S. OriginalTransactionAmounts

Original Amounts of the card transaction.

T. Token

Details of payment token.

U. Wallet

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

V. Jurisdiction

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

W. SettlementService

Type of settlement service for specific services requiring settlement.

X. AdditionalFee

Fees not included in the transaction amount.

Y. Reconciliation

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

Z. DisputeData

Information about the dispute.

A. Documentation

A. Supporting documentation information related to the chargeback.

AB OriginalTransaction

· Contains details of the original transaction.

AC ProcessingResult

· Outcome of the processing of the authorisation.



A AdditionalData

D. Contains additional data.

AE ProtectedData

· Contains protected data and the attributes used to protect the data.

AF SupplementaryData

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

A SecurityTrailer

G. Trailer of the message containing a MAC.

## 39.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <ChrgBcklnitn>	[1..1]			
	Header <Hdr>	[1..1]	±		1015
	TransactionCharacteristics <TxChrtcs>	[0..1]			1016
	TransactionType <TxTp>	[0..1]	CodeSet		1016
	TransactionSubType <TxSubTp>	[0..1]	Text		1017
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		1017
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		1017
	Cancellation <Cxl>	[0..1]	Indicator		1018
	MessageReason <MsgRsn>	[0..*]	CodeSet		1018
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1018
	TransactionDescription <TxDesc>	[0..1]	Text		1018
	AdditionalData <AddtlData>	[0..*]	±		1018
	Originator <Orgtr>	[0..1]	±		1018
	Acquirer <Acqrr>	[1..1]	±		1019
	Sender <Sndr>	[0..1]	±		1019
	Card <Card>	[0..1]	±		1020
	Receiver <Rcvr>	[0..1]	±		1020
	Issuer <Issr>	[0..1]	±		1021
	Destination <Dstn>	[0..1]	±		1021
	Programme <Prgrmm>	[0..1]	±		1022
	TransactionIdentification <TxId>	[1..1]	±		1022
	ConversionDateTime <ConvsDtTm>	[0..1]	±		1023
	TransactionAmounts <TxAmts>	[1..1]	±		1024
	Acceptor <Accptr>	[0..1]	±		1024
	Terminal <Termnl>	[0..1]	±		1025
	Context <Cntxt>	[0..1]	±		1025
	Payer <Pyer>	[0..1]	±		1027
	Payee <Pyee>	[0..1]	±		1028
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1029
	Token <Tkn>	[0..1]	±		1030

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Wallet</b> <Wllt>	[0..1]	±		1030
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1031
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1031
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1032
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1032
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1032
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1033
	<b>DisputeData</b> <DsptData>	[1..*]	±		1033
	<b>Documentation</b> <Dcmnttn>	[0..*]	±		1034
	<b>OriginalTransaction</b> <OrgnlTx>	[0..1]	±		1034
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1036
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		1037
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1037
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1037
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1038

## 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 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.

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 39.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		1016
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1017
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		1017
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		1017
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		1018
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1018
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1018
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1018
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		1018

### 39.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822

### 39.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

### 39.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

### 39.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

**39.4.2.5 Cancellation <Cxl>**

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

**39.4.2.6 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 1821

**39.4.2.7 AlternateMessageReason <AltrnMsgRsn>**

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

**39.4.2.8 TransactionDescription <TxDesc>**

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

**39.4.2.9 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**39.4.3 Originator <Orgtr>**

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 39.4.4 Acquirer <Acqrr>

*Presence:* [1..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 39.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 39.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "CardData13" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

## 39.4.7 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 39.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 39.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

### 39.4.10 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode4](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <AppldId>	[0..1]	Text		1198
	AdditionalIdentification <AddtlId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

### 39.4.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification55" on page 1718 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1719
	LocalTime <LclTm>	[0..1]	Time		1719
	TimeZone <TmZone>	[0..1]	Text		1720
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1720
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1720
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1721
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1721
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1721
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1721
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1721
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1721
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1721
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1722
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1722
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1722
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1722
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1722
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1722
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1722
	AssociatedData <AssocdData>	[0..1]	Indicator		1722
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1723
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1723

### 39.4.12 ConversionDateTime <ConvSdtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 39.4.13 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

### 39.4.14 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

### 39.4.15 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

### 39.4.16 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the chargeback transaction.

**Context <Cntxt>** contains the following elements (see "Context21" on page 1565 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1567
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1567
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1568
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1568
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1568
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1568
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1568
	CardPresent <CardPres>	[0..1]	Indicator		1568
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1569
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1569
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1569
	Transit <Trnst>	[0..1]	Indicator		1570
	Attended <Attndd>	[0..1]	Indicator		1570
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1570
	ECommerce <EComrc>	[0..1]	Indicator		1570
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1570
	ECommerceData <EComrcData>	[0..*]			1571
	Type <Tp>	[1..1]	Text		1571
	Value <Val>	[1..1]	Text		1571
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1571
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1571
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1571
	NoShow <NoShow>	[0..1]	Indicator		1572
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1572
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1572
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1572
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1573
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1573
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1573
	SplitPayment <Spltpmt>	[0..1]	Indicator		1573

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1574
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1574
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1575
	StorageLocation <StorgLctn>	[0..1]	Text		1575
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1575
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1575
	CaptureDate <CaptrDt>	[0..1]	Date		1575
	DateAnticipated <DtAntcptd>	[0..1]	Date		1576
	AdditionalData <AddtlData>	[0..*]	±		1576

### 39.4.17 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.

**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

## 39.4.18 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.



**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

### 39.4.19 OriginalTransactionAmounts <OrgnlTxAmts>

*Presence:* [0..1]

*Definition:* Original Amounts of the card transaction.

**OriginalTransactionAmounts <OrgnlTxAmts>** contains the following elements (see "OriginalTransactionAmounts3" on page 1168 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1168
	Amount <Amt>	[1..1]	Amount		1169
	Currency <Ccy>	[1..1]	CodeSet	C2	1169
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1169
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1169
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1170
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1170
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1170
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1170

### 39.4.20 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

### 39.4.21 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 "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdlVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

## 39.4.22 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		1031
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		1032

### 39.4.22.1 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 1854):

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

### 39.4.22.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

## 39.4.23 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService5"](#) on page 1739 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

## 39.4.24 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 39.4.25 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 39.4.26 DisputeData <DsptData>

*Presence:* [1..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "[DisputeData4](#)" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

### 39.4.27 Documentation <Dcmnttn>

*Presence:* [0..\*]

*Definition:* Supporting documentation information related to the chargeback.

**Documentation <Dcmnttn>** contains the following elements (see "[DisputeDocumentation1](#)" on page 1481 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Format <Frmt>	[0..1]	CodeSet		1481
	OtherFormat <OthrFrmt>	[0..1]	Text		1482
	Type <Tp>	[0..1]	Text		1482
	Value <Val>	[1..1]	Text		1482

### 39.4.28 OriginalTransaction <OrgnlTx>

*Presence:* [0..1]

*Definition:* Contains details of the original transaction.

**OriginalTransaction <OrgnlTx>** contains the following elements (see "OriginalTransaction3" on page 1488 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCharacteristics <TxChrtcs>	[0..1]	±		1490
	Originator <Orgtr>	[0..1]	±		1491
	Acquirer <Acqrr>	[0..1]	±		1491
	Sender <Sndr>	[0..1]	±		1492
	Card <Card>	[1..1]	±		1492
	AccountFrom <AcctFr>	[0..1]	±		1493
	AccountTo <AcctTo>	[0..1]	±		1493
	Receiver <Rcvr>	[0..1]	±		1494
	Issuer <Issr>	[0..1]	±		1494
	Destination <Dstr>	[0..1]	±		1495
	Programme <Prgrmm>	[0..1]	±		1495
	TransactionIdentification <TxId>	[0..1]	±		1495
	ConversionDateTime <ConvsvDtTm>	[0..1]	±		1496
	ExchangeRate <XchgRate>	[0..*]			1496
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionAmounts <TxAmts>	[0..1]	±		1500
	AdditionalAmount <AddtlAmt>	[0..*]	±		1501
	Acceptor <Accptr>	[0..1]	±		1501
	Terminal <Termnl>	[0..1]	±		1503
	POIComponent <POICmpnt>	[0..*]	±		1505
	Context <Cntxt>	[0..1]	±		1505
	Payer <Pyer>	[0..1]	±		1508
	Payee <Pyee>	[0..1]	±		1509
	Token <Tkn>	[0..1]	±		1510
	CustomerDevice <CstmrDvc>	[0..1]	±		1511
	Wallet <Wlt>	[0..1]	±		1512
	Cardholder <Crhdldr>	[0..1]	±		1513
	Verification <Vrfctn>	[0..*]	±		1514
	Risk <Rsk>	[0..*]	±		1515
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1515
	AdditionalService <AddtlSvc>	[0..*]	±		1515
	FundsServices <FndsSvcs>	[0..1]	±		1516
	DepositDetails <DpstDtls>	[0..*]	±		1516
	Jurisdiction <Jursdctn>	[0..1]			1517
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517
	SettlementService <SttlmSvc>	[0..1]	±		1517
	AdditionalFee <AddtlFee>	[0..*]	±		1518
	Reconciliation <Rcncltn>	[0..1]	±		1519
	DisputeData <DsptData>	[0..*]	±		1519
	Documentation <Dcmnttn>	[0..*]	±		1520
	ProcessingResult <PrcgRslt>	[0..1]	±		1520

### 39.4.29 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.



**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult25" on page 1747 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1747
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1747
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1748
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1748
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1748
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1748
	ResponseCode <RspnCd>	[0..1]	CodeSet		1749
	ApprovalCode <ApprvlCd>	[0..1]	Text		1749
	AdditionalInformation <AddtlInf>	[0..*]	±		1749

### 39.4.30 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 39.4.31 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 39.4.32 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

### 39.4.33 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 40      **cain.028.001.03** **ChargeBackResponseV03**

## 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 ChargeBackResponseV03 MessageDefinition is composed of 29 MessageBuildingBlocks:

- A. Header  
Information related to the protocol management.
- B. TransactionCharacteristics  
Contains the key data elements of the transaction.
- C. Originator  
Identifies the originator of the transaction.
- D. Acquirer  
Identification of the acquirer.
- E. Sender  
Party sending the message to another intermediary agent or to the final destination.
- F. Card  
Card or payment token performing the transaction.
- G. Receiver  
Party receiving the message from the origin or from an intermediary agent.
- H. Issuer  
Information related to the issuer.
- I. Destination  
Identifies the destination of the transaction.
- J. Programme  
Programme, network, or brand processes the transaction.
- K. TransactionIdentification  
Identification of the transaction.
- L. ConversionDateTime  
Date and Time of currency conversion.
- M. TransactionAmounts  
Amounts of the card transaction.

- 
- N. Acceptor
    - Card acceptor performing the card transaction.
  - O. Terminal
    - Payment terminal or ATM performing the transaction.
  - P. Context
    - Context of the reversal transaction.
  - Q. OriginalTransactionAmounts
    - Original Amounts of the card transaction.
  - R. Token
    - Details of payment token.
  - S. Jurisdiction
    - Contains information that identifies or is specific to a transaction jurisdiction.
  - T. SettlementService
    - Type of settlement service for specific services requiring settlement.
  - U. AdditionalFee
    - Fees not included in the transaction amount.
  - V. Reconciliation
    - Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
  - W. DisputeData
    - Information about the dispute.
  - X. Documentation
    - Supporting documentation information related to the chargeback.
  - Y. ProcessingResult
    - Outcome of the processing of the authorisation.
  - Z. AdditionalData
    - Contains additional data.
  - A ProtectedData
    - A. Contains protected data and the attributes used to protect the data.
  - AB SupplementaryData
    - Additional information that can not be captured in the structured fields and/or other specific block.
  - AC SecurityTrailer
    - Trailer of the message containing a MAC.

## 40.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <ChrgBckRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1042
	TransactionCharacteristics <TxChrtcs>	[0..1]			1043
	TransactionType <TxTp>	[0..1]	CodeSet		1043
	TransactionSubType <TxSubTp>	[0..1]	Text		1044
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		1044
	OtherTransactionAttribute <OthrTxAttr>	[0..*]	Text		1044
	Cancellation <Cxl>	[0..1]	Indicator		1045
	MessageReason <MsgRsn>	[0..*]	CodeSet		1045
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1045
	TransactionDescription <TxDesc>	[0..1]	Text		1045
	AdditionalData <AddtlData>	[0..*]	±		1045
	Originator <Orgtr>	[0..1]	±		1045
	Acquirer <Acqrr>	[0..1]	±		1046
	Sender <Sndr>	[0..1]	±		1046
	Card <Card>	[0..1]	±		1047
	Receiver <Rcvr>	[0..1]	±		1047
	Issuer <Issr>	[0..1]	±		1048
	Destination <Dstn>	[0..1]	±		1048
	Programme <Prgrmm>	[0..*]	±		1049
	TransactionIdentification <TxId>	[1..1]	±		1049
	ConversionDateTime <ConvsDtTm>	[0..1]	±		1050
	TransactionAmounts <TxAmts>	[1..1]	±		1051
	Acceptor <Accptr>	[0..1]	±		1051
	Terminal <Termnl>	[0..1]	±		1052
	Context <Cntxt>	[0..1]	±		1052
	OriginalTransactionAmounts <OrgnlTxAmts>	[0..1]	±		1053
	Token <Tkn>	[0..1]	±		1053
	Jurisdiction <Jursdctn>	[0..1]			1054
	DomesticIndicator <Dmstlnd>	[0..1]	Indicator		1054

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>DomesticQualification</b> <DmstQlfcnt>	[0..1]	Text		1054
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1055
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1055
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1056
	<b>DisputeData</b> <DsptData>	[1..*]	±		1056
	<b>Documentation</b> <Dcmnttn>	[0..*]	±		1057
	<b>ProcessingResult</b> <PrcgRslt>	[0..1]	±		1057
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		1058
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1058
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1058
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1059

## 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 ["Header71"](#) on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 40.4.2 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Contains the key data elements of the transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following **TransactionCharacteristics3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>TransactionType</b> <TxTp>	[0..1]	CodeSet		1043
	<b>TransactionSubType</b> <TxSubTp>	[0..1]	Text		1044
	<b>TransactionAttribute</b> <TxAttr>	[0..*]	CodeSet		1044
	<b>OtherTransactionAttribute</b> <OthrTxAttr>	[0..*]	Text		1044
	<b>Cancellation</b> <Cxl>	[0..1]	Indicator		1045
	<b>MessageReason</b> <MsgRsn>	[0..*]	CodeSet		1045
	<b>AlternateMessageReason</b> <AltrnMsgRsn>	[0..*]	Text		1045
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1045
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		1045

### 40.4.2.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* ["ISO8583TransactionTypeCode"](#) on page 1822

#### 40.4.2.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 40.4.2.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

#### 40.4.2.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..\*]



*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

**40.4.2.5 Cancellation <Cxl>**

*Presence:* [0..1]

*Definition:* Indicates the previous message is cancelled.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

**40.4.2.6 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 1821

**40.4.2.7 AlternateMessageReason <AltrnMsgRsn>**

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

**40.4.2.8 TransactionDescription <TxDesc>**

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

**40.4.2.9 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**40.4.3 Originator <Orgtr>**

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 40.4.4 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 40.4.5 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 40.4.6 Card <Card>

*Presence:* [0..1]

*Definition:* Card or payment token performing the transaction.

**Card <Card>** contains the following elements (see "[CardData13](#)" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

## 40.4.7 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 40.4.8 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 40.4.9 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 40.4.10 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode5](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

#### 40.4.11 TransactionIdentification <TxId>

*Presence:* [1..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "TransactionIdentification55" on page 1718 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1719
	LocalTime <LclTm>	[0..1]	Time		1719
	TimeZone <TmZone>	[0..1]	Text		1720
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1720
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1720
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1721
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1721
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1721
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1721
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1721
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1721
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1721
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1722
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1722
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1722
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1722
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1722
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1722
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1722
	AssociatedData <AssocdData>	[0..1]	Indicator		1722
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1723
	AssociatedDataDestination <AssocdDataDstn>	[0..1]	Text		1723

## 40.4.12 ConversionDateTime <ConvDsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

### 40.4.13 TransactionAmounts <TxAmts>

*Presence:* [1..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "TransactionAmounts3" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

### 40.4.14 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 40.4.15 Terminal <Termnl>

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal8" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtlId>	[0..*]	±		1689

## 40.4.16 Context <Cntxt>

*Presence:* [0..1]

*Definition:* Context of the reversal transaction.



**Context <Cntxt>** contains the following elements (see "Context22" on page 1563 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1563
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1563
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1563
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1563
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1564
	NoShow <NoShow>	[0..1]	Indicator		1564
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1564
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1564
	PartialShipment <PrtlShpmnt>	[0..1]	Indicator		1564
	AdditionalData <AddtlData>	[0..*]	±		1565

## 40.4.17 OriginalTransactionAmounts <OrgnlTxAmts>

*Presence:* [0..1]

*Definition:* Original Amounts of the card transaction.

**OriginalTransactionAmounts <OrgnlTxAmts>** contains the following elements (see "OriginalTransactionAmounts3" on page 1168 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1168
	Amount <Amt>	[1..1]	Amount		1169
	Currency <Ccy>	[1..1]	CodeSet	C2	1169
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1169
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1169
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1170
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1170
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1170
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1170

## 40.4.18 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

## 40.4.19 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		1054
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1054

### 40.4.19.1 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 1854):

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

### 40.4.19.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 40.4.20 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see ["SettlementService6" on page 1737](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 40.4.21 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 40.4.22 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 40.4.23 DisputeData <DsptData>

*Presence:* [1..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "[DisputeData4](#)" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

#### 40.4.24 Documentation <Dcmnttn>

*Presence:* [0..\*]

*Definition:* Supporting documentation information related to the chargeback.

**Documentation <Dcmnttn>** contains the following elements (see "[DisputeDocumentation1](#)" on page 1481 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Format <Frmt>	[0..1]	CodeSet		1481
	OtherFormat <OthrFrmt>	[0..1]	Text		1482
	Type <Tp>	[0..1]	Text		1482
	Value <Val>	[1..1]	Text		1482

#### 40.4.25 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult23" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

#### 40.4.26 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

#### 40.4.27 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

#### 40.4.28 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 40.4.29 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

# 41      **canm.001.001.04**

## **NetworkManagementInitiationV04**

### 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 NetworkManagementInitiationV04 MessageDefinition is composed of 22 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. NetworkManagementType

Type of network management service.

C. OtherNetworkManagementType

Other type of network management in free text.

D. MessageReason

Reason or purpose to send the message.

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

E. AlternateMessageReason

Supports message reason codes that are not defined in external code list.

F. Programme

Programme, network, or brand processes the transaction.

G. NumberOfMessages

Number of messages in the store and forward queue.

H. MaximumNumberOfMessages

Maximum number of messages in the store and forward queue.

I. SystemTraceAuditNumber

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)

J. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

K. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.



L. LifeCycleIdentification

Transaction lifecycle identification

M. Jurisdiction

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

N. SettlementService

Type of settlement service for specific services requiring settlement.

O. AdditionalFee

Fees not included in the transaction amount.

P. Reconciliation

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

Q. TransactionDescription

Additional information pertaining to the network management type or function being performed.

R. AdditionalData

Contains additional data.

S. ProcessingResult

Outcome of the processing of the authorisation

T. OriginalResponseCode

Original Response code.

U. SupplementaryData

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

V. 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]			
	Header <Hdr>	[1..1]	±		1063
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1063
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1064
	MessageReason <MsgRsn>	[0..*]	CodeSet		1064
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1064
	Programme <Prgrmm>	[0..1]	±		1065
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1065
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1065
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1065
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1065
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1065
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1066
	Jurisdiction <Jursdctn>	[0..1]			1066
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1066
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1066
	SettlementService <SttlmSvc>	[0..1]	±		1066
	AdditionalFee <AddtlFee>	[0..*]	±		1067
	Reconciliation <Rcncltn>	[0..1]	±		1068
	TransactionDescription <TxDesc>	[0..1]	Text		1068
	AdditionalData <AddtlData>	[0..*]	±		1069
	ProcessingResult <PrcgRslt>	[0..1]	±		1069
	OriginalResponseCode <OrgnlRspnCd>	[0..1]	CodeSet		1069
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1069
	SecurityTrailer <SctyTrlr>	[0..1]	±		1070

## 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

## 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 ["Header71" on page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 41.4.2 NetworkManagementType <NtwkMgmtTp>

*Presence:* [0..1]

*Definition:* Type of network management service.

*Datatype:* ["NetworkManagementType1Code" on page 1828](#)

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.

CodeName	Name	Definition
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.

### 41.4.3 OtherNetworkManagementType <OthrNtwkMgmtTp>

*Presence:* [0..1]

*Definition:* Other type of network management in free text.

*Datatype:* "Max35Text" on page 1864

### 41.4.4 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 1821

### 41.4.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

### 41.4.6 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApldId>	[1..1]	Text		1197
	AdditionalIdentification <AddtId>	[0..*]	±		1197

### 41.4.7 NumberOfMessages <NbOfMsgs>

*Presence:* [0..1]

*Definition:* Number of messages in the store and forward queue.

*Datatype:* "Number" on page 1856

### 41.4.8 MaximumNumberOfMessages <MaxNbOfMsgs>

*Presence:* [0..1]

*Definition:* Maximum number of messages in the store and forward queue.

*Datatype:* "Number" on page 1856

### 41.4.9 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)

*Datatype:* "Max12NumericText" on page 1860

### 41.4.10 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODatetime" on page 1854

### 41.4.11 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.

*Datatype:* "Exact12Text" on page 1857

### 41.4.12 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

### 41.4.13 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		1066
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1066

#### 41.4.13.1 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 1854):

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

#### 41.4.13.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

### 41.4.14 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

#### 41.4.15 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 41.4.16 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 41.4.17 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Additional information pertaining to the network management type or function being performed.

*Datatype:* "Max1000Text" on page 1858



## 41.4.18 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 41.4.19 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult26"](#) on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1745
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1745
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1745
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1746
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1746
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1746
	ResponseCode <RspnCd>	[0..1]	CodeSet		1746
	AdditionalInformation <AddtlInf>	[0..*]	±		1746

## 41.4.20 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 41.4.21 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 41.4.22 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 42      **canm.002.001.04** **NetworkManagementResponseV04**

### 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 NetworkManagementResponseV04 MessageDefinition is composed of 22 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. NetworkManagementType

Type of network management service.

C. OtherNetworkManagementType

Other type of network management in free text.

D. MessageReason

Reason or purpose to send the message.

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

E. AlternateMessageReason

Supports message reason codes that are not defined in external code list.

F. Programme

Programme, network, or brand processes the transaction.

G. NumberOfMessages

Number of messages in the store and forward queue.

H. MaximumNumberOfMessages

Maximum number of messages in the store and forward queue.

I. SystemTraceAuditNumber

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)

J. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

K. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

- L. LifeCycleIdentification  
Transaction lifecycle identification
- M. Jurisdiction  
Contains information that identifies or is specific to a transaction jurisdiction.
- N. SettlementService  
Type of settlement service for specific services requiring settlement.
- O. AdditionalFee  
Fees not included in the transaction amount.
- P. Reconciliation  
Identification of the reconciliation period between the acquirer and the issuer or their respective agents.
- Q. TransactionDescription  
Additional information pertaining to the network management type or function being performed.
- R. AdditionalData  
Contains additional data.
- S. ProcessingResult  
Outcome of the processing of the authorisation
- T. OriginalResponseCode  
Original Response code.
- U. SupplementaryData  
Additional information that can not be captured in the structured fields and/or other specific block.
- V. SecurityTrailer  
Trailer of the message containing a MAC

## 42.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <NtwkMgmtRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1074
	NetworkManagementType <NtwkMgmtTp>	[0..1]	CodeSet		1074
	OtherNetworkManagementType <OthrNtwkMgmtTp>	[0..1]	Text		1075
	MessageReason <MsgRsn>	[0..*]	CodeSet		1075
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1075
	Programme <Prgrmm>	[0..1]	±		1076
	NumberOfMessages <NbOfMsgs>	[0..1]	Quantity		1076
	MaximumNumberOfMessages <MaxNbOfMsgs>	[0..1]	Quantity		1076
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1076
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1076
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1076
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1077
	Jurisdiction <Jursdctn>	[0..1]			1077
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1077
	DomesticQualification <DmstQlfcnt>	[0..1]	Text		1077
	SettlementService <SttlmSvc>	[0..1]	±		1077
	AdditionalFee <AddtlFee>	[0..*]	±		1078
	Reconciliation <Rcncltn>	[0..1]	±		1079
	TransactionDescription <TxDesc>	[0..1]	Text		1079
	AdditionalData <AddtlData>	[0..*]	±		1080
	ProcessingResult <PrcgRslt>	[0..1]	±		1080
	OriginalResponseCode <OrgnlRspnCd>	[0..1]	CodeSet		1080
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1080
	SecurityTrailer <SctyTrlr>	[0..1]	±		1081

## 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

## 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 "[Header71](#)" on [page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctr>	[1..1]	CodeSet		1616
	ProtocolVersion <PrctlVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 42.4.2 NetworkManagementType <NtwkMgmtTp>

*Presence:* [0..1]

*Definition:* Type of network management service.

*Datatype:* "[NetworkManagementType1Code](#)" on [page 1828](#)

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.

CodeName	Name	Definition
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.

### 42.4.3 OtherNetworkManagementType <OthrNtwkMgmtTp>

*Presence:* [0..1]

*Definition:* Other type of network management in free text.

*Datatype:* "Max35Text" on page 1864

### 42.4.4 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 1821

### 42.4.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

## 42.4.6 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtIdId>	[0..*]	±		1197

## 42.4.7 NumberOfMessages <NbOfMsgs>

*Presence:* [0..1]

*Definition:* Number of messages in the store and forward queue.

*Datatype:* "Number" on page 1856

## 42.4.8 MaximumNumberOfMessages <MaxNbOfMsgs>

*Presence:* [0..1]

*Definition:* Maximum number of messages in the store and forward queue.

*Datatype:* "Number" on page 1856

## 42.4.9 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)

*Datatype:* "Max12NumericText" on page 1860

## 42.4.10 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODatetime" on page 1854

## 42.4.11 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.

*Datatype:* "Exact12Text" on page 1857



## 42.4.12 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

## 42.4.13 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		1077
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1077

### 42.4.13.1 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 1854):

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

### 42.4.13.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

## 42.4.14 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 42.4.15 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 42.4.16 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 42.4.17 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Additional information pertaining to the network management type or function being performed.

*Datatype:* "Max1000Text" on page 1858

## 42.4.18 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 42.4.19 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult23"](#) on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

## 42.4.20 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

## 42.4.21 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 42.4.22 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 43      **canm.003.001.04** **KeyExchangeInitiationV04**

### 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 KeyExchangeInitiationV04 MessageDefinition is composed of 22 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. KeyExchangeFunction

Type of key exchange function being performed.

C. OtherKeyExchangeFunction

Other key exchange function being performed.

D. MessageReason

Reason or purpose to send the message.

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

E. AlternateMessageReason

Alternate reason to send a message.

F. Programme

Programme, network, or brand processes the transaction.

G. SystemTraceAuditNumber

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)

H. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

I. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

J. LifeCycleIdentification

Transaction lifecycle identification

K. KeyExchangeType

Defines the type of key being exchanged.

L. OtherKeyExchangeType

Other type of key being exchanged.

M. KeyExchangeData

Contains information pertaining to a key exchange.

ISO 8583 bit 96

N. Jurisdiction

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

O. SettlementService

Type of settlement service for specific services requiring settlement.

P. AdditionalFee

Fees not included in the transaction amount.

Q. Reconciliation

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

R. AdditionalData

Contains additional data.

S. ProcessingResult

Outcome of the processing of the authorisation

T. ProtectedData

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

U. SupplementaryData

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

V. 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]			
	Header <Hdr>	[1..1]	±		1085
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1085
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1086
	MessageReason <MsgRsn>	[0..*]	CodeSet		1086
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1086
	Programme <Prgrmm>	[0..1]	±		1086
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1086
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1087
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1087
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1087
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1087
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1087
	KeyExchangeData <KeyXchgData>	[0..1]	±		1087
	Jurisdiction <Jursdctn>	[0..1]			1088
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1088
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1088
	SettlementService <SttlmSvc>	[0..1]	±		1088
	AdditionalFee <AddtlFee>	[0..*]	±		1089
	Reconciliation <Rcncltn>	[0..1]	±		1090
	AdditionalData <AddtlData>	[0..*]	±		1090
	ProcessingResult <PrcgRslt>	[0..1]	±		1091
	ProtectedData <PrtctdData>	[0..*]	±		1091
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1091
	SecurityTrailer <SctyTrlr>	[0..1]	±		1092



## 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 ["Header71" on page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 43.4.2 KeyExchangeFunction <KeyXchgFctn>

*Presence:* [1..1]

*Definition:* Type of key exchange function being performed.

*Datatype:* ["CardServiceType5Code" on page 1805](#)

CodeName	Name	Definition
KYDL	DeliverKey	Convey the key to the receiver.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.

CodeName	Name	Definition
DEKY	DeactivateKey	Deactivate the specified key.
RQKY	RequestKey	Request new key to be generated and conveyed.

### 43.4.3 OtherKeyExchangeFunction <OthrKeyXchgFctn>

*Presence:* [0..1]

*Definition:* Other key exchange function being performed.

*Datatype:* "Max35Text" on page 1864

### 43.4.4 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 1821

### 43.4.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Alternate reason to send a message.

*Datatype:* "Max256Text" on page 1863

### 43.4.6 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIld>	[1..1]	Text		1197
	AdditionalIdentification <AddtIld>	[0..*]	±		1197

### 43.4.7 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)

*Datatype:* "Max12NumericText" on page 1860

### 43.4.8      TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]  
*Definition:* Date and time expressed in UTC of the message as sent by the initiator.  
*Datatype:* "ISODatetime" on page 1854

### 43.4.9      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.  
*Datatype:* "Exact12Text" on page 1857

### 43.4.10      LifecycleIdentification <LifeCyclId>

*Presence:* [0..1]  
*Definition:* Transaction lifecycle identification  
*Datatype:* "Exact15Text" on page 1857

### 43.4.11      KeyExchangeType <KeyXchgTp>

*Presence:* [0..1]  
*Definition:* Defines the type of key being exchanged.  
*Datatype:* "KeyType1Code" on page 1823

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

### 43.4.12      OtherKeyExchangeType <OthrKeyXchgTp>

*Presence:* [0..1]  
*Definition:* Other type of key being exchanged.  
*Datatype:* "Max35Text" on page 1864

### 43.4.13      KeyExchangeData <KeyXchgData>

*Presence:* [0..1]  
*Definition:* Contains information pertaining to a key exchange.

ISO 8583 bit 96

**KeyExchangeData <KeyXchgData>** contains the following elements (see "[KeyExchangeData1](#)" on page 1477 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1477
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1478
	DerivedInformation <DrvdInf>	[0..1]	Text		1478
	Algorithm <Algo>	[0..1]	Text		1478
	KeyLength <KeyLngth>	[0..1]	Text		1478
	KeyProtection <KeyPrctn>	[0..1]	Text		1478
	KeyIndex <KeyIdx>	[0..1]	Text		1479
	EncryptedData <NcrptdData>	[0..1]	Text		1479
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1479

## 43.4.14 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		1088
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1088

### 43.4.14.1 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 1854):

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

### 43.4.14.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "[Max35Text](#)" on page 1864

## 43.4.15 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

### 43.4.16 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

### 43.4.17 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

### 43.4.18 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

### 43.4.19 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult26"](#) on page 1744 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1745
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1745
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1745
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1746
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1746
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1746
	ResponseCode <RspnCd>	[0..1]	CodeSet		1746
	AdditionalInformation <AddtlInf>	[0..*]	±		1746

### 43.4.20 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

### 43.4.21 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

## 43.4.22 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737



## 44 canm.004.001.04 KeyExchangeResponseV04

### 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 KeyExchangeResponseV04 MessageDefinition is composed of 23 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. KeyExchangeFunction

Type of key exchange function being performed.

C. OtherKeyExchangeFunction

Other key exchange function being performed.

D. MessageReason

Reason or purpose to send the message.

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

E. AlternateMessageReason

Alternate reason to send a message.

F. Programme

Programme, network, or brand processes the transaction.

G. SystemTraceAuditNumber

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)

H. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

I. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

J. LifeCycleIdentification

Transaction lifecycle identification

K. KeyExchangeType

Defines the type of key being exchanged.

L. OtherKeyExchangeType

Other type of key being exchanged.

M. KeyExchangeData

Contains information pertaining to a key exchange.

ISO 8583 bit 96

N. Jurisdiction

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

O. SettlementService

Type of settlement service for specific services requiring settlement.

P. AdditionalFee

Fees not included in the transaction amount.

Q. Reconciliation

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

R. AdditionalData

Contains additional data.

S. OriginalResponseCode

Original Response code.

T. ProcessingResult

Outcome of the processing of the authorisation

U. ProtectedData

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

V. SupplementaryData

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

W. SecurityTrailer

Trailer of the message containing a MAC.

## 44.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <KeyXchgRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1096
	KeyExchangeFunction <KeyXchgFctn>	[1..1]	CodeSet		1096
	OtherKeyExchangeFunction <OthrKeyXchgFctn>	[0..1]	Text		1097
	MessageReason <MsgRsn>	[0..*]	CodeSet		1097
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1097
	Programme <Prgrmm>	[0..1]	±		1097
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1097
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1098
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1098
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1098
	KeyExchangeType <KeyXchgTp>	[0..1]	CodeSet		1098
	OtherKeyExchangeType <OthrKeyXchgTp>	[0..1]	Text		1098
	KeyExchangeData <KeyXchgData>	[0..1]	±		1098
	Jurisdiction <Jursdctn>	[0..1]			1099
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1099
	DomesticQualification <DmstQlfcnt>	[0..1]	Text		1099
	SettlementService <SttlmSvc>	[0..1]	±		1099
	AdditionalFee <AddtlFee>	[0..*]	±		1100
	Reconciliation <Rcncltn>	[0..1]	±		1101
	AdditionalData <AddtlData>	[0..*]	±		1101
	OriginalResponseCode <OrgnlRspnCd>	[0..1]	CodeSet		1102
	ProcessingResult <PrcgRslt>	[1..1]	±		1102
	ProtectedData <PrtctdData>	[0..*]	±		1102
	SupplementaryData <SplmtryData>	[0..*]	±	C1	1103
	SecurityTrailer <SctyTrlr>	[0..1]	±		1103

## 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 ["Header71" on page 1616](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

### 44.4.2 KeyExchangeFunction <KeyXchgFctn>

*Presence:* [1..1]

*Definition:* Type of key exchange function being performed.

*Datatype:* ["CardServiceType5Code" on page 1805](#)

CodeName	Name	Definition
KYDL	DeliverKey	Convey the key to the receiver.
OTHN	OtherNational	National defined code.
OTHP	OtherPrivate	Private defined code.

CodeName	Name	Definition
DEKY	DeactivateKey	Deactivate the specified key.
RQKY	RequestKey	Request new key to be generated and conveyed.

### 44.4.3 OtherKeyExchangeFunction <OthrKeyXchgFctn>

*Presence:* [0..1]  
*Definition:* Other key exchange function being performed.  
*Datatype:* "Max35Text" on page 1864

### 44.4.4 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 1821

### 44.4.5 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]  
*Definition:* Alternate reason to send a message.  
*Datatype:* "Max256Text" on page 1863

### 44.4.6 Programme <Prgrmm>

*Presence:* [0..1]  
*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApplId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

### 44.4.7 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)  
*Datatype:* "Max12NumericText" on page 1860

### 44.4.8      TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]  
*Definition:* Date and time expressed in UTC of the message as sent by the initiator.  
*Datatype:* "ISODateTime" on page 1854

### 44.4.9      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.  
*Datatype:* "Exact12Text" on page 1857

### 44.4.10     LifecycleIdentification <LifeCyclId>

*Presence:* [0..1]  
*Definition:* Transaction lifecycle identification  
*Datatype:* "Exact15Text" on page 1857

### 44.4.11     KeyExchangeType <KeyXchgTp>

*Presence:* [0..1]  
*Definition:* Defines the type of key being exchanged.  
*Datatype:* "KeyType1Code" on page 1823

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

### 44.4.12     OtherKeyExchangeType <OthrKeyXchgTp>

*Presence:* [0..1]  
*Definition:* Other type of key being exchanged.  
*Datatype:* "Max35Text" on page 1864

### 44.4.13     KeyExchangeData <KeyXchgData>

*Presence:* [0..1]  
*Definition:* Contains information pertaining to a key exchange.

ISO 8583 bit 96

**KeyExchangeData <KeyXchgData>** contains the following elements (see "[KeyExchangeData1](#)" on page 1477 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1477
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1478
	DerivedInformation <DrvdInf>	[0..1]	Text		1478
	Algorithm <Algo>	[0..1]	Text		1478
	KeyLength <KeyLngth>	[0..1]	Text		1478
	KeyProtection <KeyPrctn>	[0..1]	Text		1478
	KeyIndex <KeyIdx>	[0..1]	Text		1479
	EncryptedData <NcrptdData>	[0..1]	Text		1479
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1479

## 44.4.14 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		1099
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1099

### 44.4.14.1 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 1854):

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

### 44.4.14.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* "[Max35Text](#)" on page 1864

## 44.4.15 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

#### 44.4.16 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.



**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

#### 44.4.17 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

#### 44.4.18 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

#### 44.4.19 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* ["ISO8583ResponseCode"](#) on page 1822

#### 44.4.20 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Outcome of the processing of the authorisation

**ProcessingResult <PrcgRslt>** contains the following elements (see ["ProcessingResult23"](#) on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

#### 44.4.21 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see "[ProtectedData2](#)" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 44.4.22 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 44.4.23 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "[ContentInformationType41](#)" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 45 casr.001.001.03 SettlementReportingInitiationV03

### 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 SettlementReportingInitiationV03 MessageDefinition is composed of 31 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. SettlementInstitution

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.

C. Originator

Identifies the originator of the transaction.

D. Sender

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

E. Receiver

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

F. Destination

Identifies the destination of the transaction.

G. FinancialInstitution

Financial Institution to which the settlement totals apply.

H. OtherInstitution

Additional institution involved in settlement. For example, the other party involved in bilateral settlement agreement.

I. Programme

Programme, network, or brand processes the transaction.

J. SystemTraceAuditNumber

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)

K. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

L. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

M. LifeCycleIdentification

Transaction lifecycle identification

N. SettlementReportType

Type of settlement report.

O. OtherSettlementReportType

Other type of settlement report in free text.

P. MessageReason

Reason or purpose to send the message.

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

Q. AlternateMessageReason

Supports message reason codes that are not defined in external code list.

R. AcquirerSettlementTotals

Settlement totals for the acquirer.

S. IssuerSettlementTotals

Settlement totals for the issuer.

T. OtherSettlementTotals

Other settlement totals.

U. TotalSettlementAmount

Total amount settled.

V. FundsTransferAmount

Contains the net funds transfer amount.

W. Jurisdiction

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

X. SettlementService

Type of settlement service for specific services requiring settlement.

Y. AdditionalFee

Fees not included in the transaction amount.

Z. Reconciliation

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

A TransactionDescription

A.

Transaction data related to programmes and services, content and format based on bilateral agreements.

AB AdditionalData

- Contains additional data.

AC ProtectedData

- Contains protected data and the attributes used to protect the data.

A SupplementaryData

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

AE SecurityTrailer

- Trailer of the message containing a MAC.

## 45.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SttlmRptgInitn>	[1..1]			
	Header <Hdr>	[1..1]	±		1109
	SettlementInstitution <SttlmInstn>	[0..1]	±		1110
	Originator <Orgtr>	[0..1]	±		1110
	Sender <Sndr>	[0..1]	±		1111
	Receiver <Rcvr>	[0..1]	±		1111
	Destination <Dstn>	[0..1]	±		1112
	FinancialInstitution <FI>	[0..1]			1112
	Identification <Id>	[1..1]	Text		1113
	Assigner <Assgnr>	[0..1]	Text		1113
	Country <Ctry>	[0..1]	CodeSet		1113
	ShortName <ShrtNm>	[0..1]	Text		1113
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1113
	AdditionalIdentification <AddtlId>	[0..1]	±		1113
	AccountNumber <AcctNb>	[0..1]	Text		1114
	LocalData <LclData>	[0..1]	±		1114
	OtherInstitution <OthrInstn>	[0..1]	±		1114
	Programme <Prgrmm>	[0..*]	±		1115
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1115
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1115
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1115
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1116
	SettlementReportType <SttlmRptTp>	[1..1]	CodeSet		1116
	OtherSettlementReportType <OthrSttlmRptTp>	[0..1]	Text		1116
	MessageReason <MsgRsn>	[0..*]	CodeSet		1116
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1116
	AcquirerSettlementTotals <AcqrrSttlmTtls>	[0..1]			1116
	Count <Cnt>	[0..1]	Quantity		1117
	Amount <Amt>	[0..1]	Amount		1117
	Currency <Ccy>	[0..1]	CodeSet	C2	1117

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		1117
	<b>InterchangeFeeAmount</b> <IntrchnngFeeAmt>	[0..1]	Amount		1118
	<b>InterchangeFeeCurrency</b> <IntrchnngFeeCcy>	[0..1]	CodeSet	C2	1118
	<b>InterchangeFeeCreditDebit</b> <IntrchnngFeeCdtDbt>	[0..1]	CodeSet		1118
	<b>ProcessingFeeAmount</b> <PrcgFeeAmt>	[0..1]	Amount		1118
	<b>ProcessingFeeCurrency</b> <PrcgFeeCcy>	[0..1]	CodeSet	C2	1118
	<b>ProcessingFeeCreditDebit</b> <PrcgFeeCdtDbt>	[0..1]	CodeSet		1119
	<b>IssuerSettlementTotals</b> <IssrSttlmTtls>	[0..1]			1119
	<b>Count</b> <Cnt>	[0..1]	Quantity		1119
	<b>Amount</b> <Amt>	[0..1]	Amount		1120
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C2	1120
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		1120
	<b>InterchangeFeeAmount</b> <IntrchnngFeeAmt>	[0..1]	Amount		1120
	<b>InterchangeFeeCurrency</b> <IntrchnngFeeCcy>	[0..1]	CodeSet	C2	1120
	<b>InterchangeFeeCreditDebit</b> <IntrchnngFeeCdtDbt>	[0..1]	CodeSet		1121
	<b>ProcessingFeeAmount</b> <PrcgFeeAmt>	[0..1]	Amount		1121
	<b>ProcessingFeeCurrency</b> <PrcgFeeCcy>	[0..1]	CodeSet	C2	1121
	<b>ProcessingFeeCreditDebit</b> <PrcgFeeCdtDbt>	[0..1]	CodeSet		1121
	<b>OtherSettlementTotals</b> <OthrSttlmTtls>	[0..1]			1121
	<b>Count</b> <Cnt>	[0..1]	Quantity		1122
	<b>Amount</b> <Amt>	[0..1]	Amount		1122
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C2	1122
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		1122
	<b>InterchangeFeeAmount</b> <IntrchnngFeeAmt>	[0..1]	Amount		1123
	<b>InterchangeFeeCurrency</b> <IntrchnngFeeCcy>	[0..1]	CodeSet	C2	1123
	<b>InterchangeFeeCreditDebit</b> <IntrchnngFeeCdtDbt>	[0..1]	CodeSet		1123
	<b>ProcessingFeeAmount</b> <PrcgFeeAmt>	[0..1]	Amount		1123
	<b>ProcessingFeeCurrency</b> <PrcgFeeCcy>	[0..1]	CodeSet	C2	1123
	<b>ProcessingFeeCreditDebit</b> <PrcgFeeCdtDbt>	[0..1]	CodeSet		1124
	<b>TotalSettlementAmount</b> <TtlSttlmAmt>	[0..1]			1124
	<b>Count</b> <Cnt>	[0..1]	Quantity		1124



Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Amount</b> <Amt>	[1..1]	±		1124
	<b>InterchangeFee</b> <IntrchgFee>	[0..1]	±		1125
	<b>ProcessingFee</b> <PrcgFee>	[0..1]	±		1125
	<b>FundsTransferAmount</b> <FndsTrfAmt>	[0..1]	±		1125
	<b>Jurisdiction</b> <Jursdctn>	[0..1]			1126
	<b>DomesticIndicator</b> <DmstInd>	[0..1]	Indicator		1126
	<b>DomesticQualification</b> <DmstQlfcctn>	[0..1]	Text		1126
	<b>SettlementService</b> <SttlmSvc>	[0..1]	±		1126
	<b>AdditionalFee</b> <AddtlFee>	[0..*]	±		1127
	<b>Reconciliation</b> <Rcncltn>	[0..1]	±		1128
	<b>TransactionDescription</b> <TxDesc>	[0..1]	Text		1128
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		1129
	<b>ProtectedData</b> <PrctcdData>	[0..*]	±		1129
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1129
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1130

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <XchgId>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 45.4.2 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 45.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 45.4.4 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 45.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 45.4.6 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 45.4.7 FinancialInstitution <FI>

*Presence:* [0..1]

*Definition:* Financial Institution to which the settlement totals apply.

**FinancialInstitution <FI>** contains the following **FinancialInstitution9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification &lt;Id&gt;</b>	[1..1]	Text		1113
	<b>Assigner &lt;Assgnr&gt;</b>	[0..1]	Text		1113
	<b>Country &lt;Ctry&gt;</b>	[0..1]	CodeSet		1113
	<b>ShortName &lt;ShrtNm&gt;</b>	[0..1]	Text		1113
	<b>LegalCorporateName &lt;LglCorpNm&gt;</b>	[0..1]	Text		1113
	<b>AdditionalIdentification &lt;AddtlId&gt;</b>	[0..1]	±		1113
	<b>AccountNumber &lt;AcctNb&gt;</b>	[0..1]	Text		1114
	<b>LocalData &lt;LclData&gt;</b>	[0..1]	±		1114

#### 45.4.7.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the party.

*Datatype:* "Max35Text" on page 1864

#### 45.4.7.2 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Entity in charge of assigning an identification to a party.

*Datatype:* "Max35Text" on page 1864

#### 45.4.7.3 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the party.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 45.4.7.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the party.

*Datatype:* "Max35Text" on page 1864

#### 45.4.7.5 LegalCorporateName <LglCorpNm>

*Presence:* [0..1]

*Definition:* Legal Corporate Name of the party

*Datatype:* "Max99Text" on page 1868

#### 45.4.7.6 AdditionalIdentification <AddtlId>

*Presence:* [0..1]

*Definition:* Additional identification of the party.

**AdditionalIdentification <AddtIld>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 45.4.7.7 AccountNumber <AcctNb>

*Presence:* [0..1]

*Definition:* Account number from which the funds get debited or credited.

*Datatype:* "Max35Text" on page 1864

#### 45.4.7.8 LocalData <LclData>

*Presence:* [0..1]

*Definition:* Contains local language equivalent(s) of data in the current component.

**LocalData <LclData>** contains the following elements (see "LocalData14" on page 1526 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1526
	EncodingFormat <NcodgFmt>	[0..1]	Text		1526
	ShortName <ShrtNm>	[0..1]	Text		1526
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1526
	AdditionalData <AddtlData>	[0..*]	±		1526

### 45.4.8 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 "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 45.4.9 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 45.4.10 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)

*Datatype:* "Max12NumericText" on page 1860

## 45.4.11 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [1..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

## 45.4.12 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.

*Datatype:* "Exact12Text" on page 1857

### 45.4.13 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]  
*Definition:* Transaction lifecycle identification  
*Datatype:* "Exact15Text" on page 1857

### 45.4.14 SettlementReportType <SttlmRptTp>

*Presence:* [1..1]  
*Definition:* Type of settlement report.  
*Datatype:* "SettlementReportType1Code" on page 1844

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.

### 45.4.15 OtherSettlementReportType <OthrSttlmRptTp>

*Presence:* [0..1]  
*Definition:* Other type of settlement report in free text.  
*Datatype:* "Max35Text" on page 1864

### 45.4.16 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 1821

### 45.4.17 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]  
*Definition:* Supports message reason codes that are not defined in external code list.  
*Datatype:* "Max256Text" on page 1863

### 45.4.18 AcquirerSettlementTotals <AcqrrSttlmTtls>

*Presence:* [0..1]  
*Definition:* Settlement totals for the acquirer.



**AcquirerSettlementTotals <AcqrrSttlmTtls>** contains the following **SettlementCategoryTotal3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Count &lt;Cnt&gt;</b>	[0..1]	Quantity		1117
	<b>Amount &lt;Amt&gt;</b>	[0..1]	Amount		1117
	<b>Currency &lt;Ccy&gt;</b>	[0..1]	CodeSet	C2	1117
	<b>CreditDebit &lt;CdtDbt&gt;</b>	[0..1]	CodeSet		1117
	<b>InterchangeFeeAmount &lt;IntrchgFeeAmt&gt;</b>	[0..1]	Amount		1118
	<b>InterchangeFeeCurrency &lt;IntrchgFeeCcy&gt;</b>	[0..1]	CodeSet	C2	1118
	<b>InterchangeFeeCreditDebit &lt;IntrchgFeeCdtDbt&gt;</b>	[0..1]	CodeSet		1118
	<b>ProcessingFeeAmount &lt;PrcgFeeAmt&gt;</b>	[0..1]	Amount		1118
	<b>ProcessingFeeCurrency &lt;PrcgFeeCcy&gt;</b>	[0..1]	CodeSet	C2	1118
	<b>ProcessingFeeCreditDebit &lt;PrcgFeeCdtDbt&gt;</b>	[0..1]	CodeSet		1119

#### 45.4.18.1 Count <Cnt>

*Presence:* [0..1]

*Definition:* Number of transactions.

*Datatype:* "Number" on page 1856

#### 45.4.18.2 Amount <Amt>

*Presence:* [0..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.18.3 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 1821

##### Constraints

- **ValidationByTable**

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

#### 45.4.18.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 45.4.18.5 InterchangeFeeAmount <IntrchnngFeeAmt>

*Presence:* [0..1]

*Definition:* Amount value of interchange fee.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.18.6 InterchangeFeeCurrency <IntrchnngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 45.4.18.7 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the interchange fee Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 45.4.18.8 ProcessingFeeAmount <PrcgFeeAmt>

*Presence:* [0..1]

*Definition:* Amount value of processing fee.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.18.9 ProcessingFeeCurrency <PrcgFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of processing fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### Constraints

- **ValidationByTable**

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

### 45.4.18.10 ProcessingFeeCreditDebit <PrcgFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the processing fee Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

### 45.4.19 IssuerSettlementTotals <IssrSttlmTtls>

*Presence:* [0..1]

*Definition:* Settlement totals for the issuer.

**IssuerSettlementTotals <IssrSttlmTtls>** contains the following **SettlementCategoryTotal3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Count</b> <Cnt>	[0..1]	Quantity		1119
	<b>Amount</b> <Amt>	[0..1]	Amount		1120
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C2	1120
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		1120
	<b>InterchangeFeeAmount</b> <IntrchgFeeAmt>	[0..1]	Amount		1120
	<b>InterchangeFeeCurrency</b> <IntrchgFeeCcy>	[0..1]	CodeSet	C2	1120
	<b>InterchangeFeeCreditDebit</b> <IntrchgFeeCdtDbt>	[0..1]	CodeSet		1121
	<b>ProcessingFeeAmount</b> <PrcgFeeAmt>	[0..1]	Amount		1121
	<b>ProcessingFeeCurrency</b> <PrcgFeeCcy>	[0..1]	CodeSet	C2	1121
	<b>ProcessingFeeCreditDebit</b> <PrcgFeeCdtDbt>	[0..1]	CodeSet		1121

#### 45.4.19.1 Count <Cnt>

*Presence:* [0..1]

*Definition:* Number of transactions.

*Datatype:* "Number" on page 1856

#### 45.4.19.2 Amount <Amt>

*Presence:* [0..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.19.3 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 1821

##### Constraints

- **ValidationByTable**

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

#### 45.4.19.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 45.4.19.5 InterchangeFeeAmount <IntrchgngFeeAmt>

*Presence:* [0..1]

*Definition:* Amount value of interchange fee.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.19.6 InterchangeFeeCurrency <IntrchgngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### Constraints

- **ValidationByTable**

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

#### 45.4.19.7 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the interchange fee Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 45.4.19.8 ProcessingFeeAmount <PrcgFeeAmt>

*Presence:* [0..1]

*Definition:* Amount value of processing fee.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.19.9 ProcessingFeeCurrency <PrcgFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of processing fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### Constraints

- **ValidationByTable**

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

#### 45.4.19.10 ProcessingFeeCreditDebit <PrcgFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the processing fee Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 45.4.20 OtherSettlementTotals <OthrSttlmTtls>

*Presence:* [0..1]

*Definition:* Other settlement totals.

**OtherSettlementTotals** <OthrSttlmTtls> contains the following **SettlementCategoryTotal3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Count</b> <Cnt>	[0..1]	Quantity		1122
	<b>Amount</b> <Amt>	[0..1]	Amount		1122
	<b>Currency</b> <Ccy>	[0..1]	CodeSet	C2	1122
	<b>CreditDebit</b> <CdtDbt>	[0..1]	CodeSet		1122
	<b>InterchangeFeeAmount</b> <IntrchgFeeAmt>	[0..1]	Amount		1123
	<b>InterchangeFeeCurrency</b> <IntrchgFeeCcy>	[0..1]	CodeSet	C2	1123
	<b>InterchangeFeeCreditDebit</b> <IntrchgFeeCdtDbt>	[0..1]	CodeSet		1123
	<b>ProcessingFeeAmount</b> <PrcgFeeAmt>	[0..1]	Amount		1123
	<b>ProcessingFeeCurrency</b> <PrcgFeeCcy>	[0..1]	CodeSet	C2	1123
	<b>ProcessingFeeCreditDebit</b> <PrcgFeeCdtDbt>	[0..1]	CodeSet		1124

#### 45.4.20.1 Count <Cnt>

*Presence:* [0..1]

*Definition:* Number of transactions.

*Datatype:* "Number" on page 1856

#### 45.4.20.2 Amount <Amt>

*Presence:* [0..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.20.3 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 1821

##### Constraints

- **ValidationByTable**

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

#### 45.4.20.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 45.4.20.5 InterchangeFeeAmount <IntrchnngFeeAmt>

*Presence:* [0..1]

*Definition:* Amount value of interchange fee.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.20.6 InterchangeFeeCurrency <IntrchnngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 45.4.20.7 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the interchange fee Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 45.4.20.8 ProcessingFeeAmount <PrcgFeeAmt>

*Presence:* [0..1]

*Definition:* Amount value of processing fee.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 45.4.20.9 ProcessingFeeCurrency <PrcgFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of processing fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**45.4.20.10 ProcessingFeeCreditDebit <PrcgFeeCdtDbt>**

*Presence:* [0..1]

*Definition:* Sign of the processing fee Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

**45.4.21 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 &lt;Cnt&gt;</b>	[0..1]	Quantity		1124
	<b>Amount &lt;Amt&gt;</b>	[1..1]	±		1124
	<b>InterchangeFee &lt;IntrchgFee&gt;</b>	[0..1]	±		1125
	<b>ProcessingFee &lt;PrcgFee&gt;</b>	[0..1]	±		1125

**45.4.21.1 Count <Cnt>**

*Presence:* [0..1]

*Definition:* Number of transactions.

*Datatype:* "Number" on page 1856

**45.4.21.2 Amount <Amt>**

*Presence:* [1..1]

*Definition:* Gross amount.



**Amount <Amt>** contains the following elements (see "Amount17" on page 1165 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1165
	Currency <Ccy>	[0..1]	CodeSet	C2	1165
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1165

#### 45.4.21.3 InterchangeFee <IntrchgFee>

*Presence:* [0..1]

*Definition:* Interchange fee amount.

**InterchangeFee <IntrchgFee>** contains the following elements (see "Amount17" on page 1165 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1165
	Currency <Ccy>	[0..1]	CodeSet	C2	1165
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1165

#### 45.4.21.4 ProcessingFee <PrcgFee>

*Presence:* [0..1]

*Definition:* Processing fee.

**ProcessingFee <PrcgFee>** contains the following elements (see "Amount17" on page 1165 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1165
	Currency <Ccy>	[0..1]	CodeSet	C2	1165
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1165

### 45.4.22 FundsTransferAmount <FndsTrfAmt>

*Presence:* [0..1]

*Definition:* Contains the net funds transfer amount.

**FundsTransferAmount <FndsTrfAmt>** contains the following elements (see "Amount17" on page 1165 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Amount <Amt>	[1..1]	Amount		1165
	Currency <Ccy>	[0..1]	CodeSet	C2	1165
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1165

### 45.4.23 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		1126
	<b>DomesticQualification</b> <DmstQlfctn>	[0..1]	Text		1126

#### 45.4.23.1 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 1854):

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

#### 45.4.23.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

### 45.4.24 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "SettlementService6" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 45.4.25 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 45.4.26 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 45.4.27 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

## 45.4.28 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData2"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 45.4.29 ProtectedData <PrctcdData>

*Presence:* [0..\*]

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

**ProtectedData <PrctcdData>** contains the following elements (see ["ProtectedData2"](#) on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 45.4.30 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

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.

45.4.31 SecurityTrailer <SctyTrlr>

Presence: [0..1]

Definition: Trailer of the message containing a MAC.

SecurityTrailer <SctyTrlr> contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 46 casr.002.001.03 SettlementReportingResponseV03

### 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 SettlementReportingResponseV03 MessageDefinition is composed of 24 MessageBuildingBlocks:

A. Header

Information related to the management of the protocol.

B. SettlementInstitution

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.

C. Originator

Identifies the originator of the transaction.

D. Sender

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

E. Receiver

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

F. Destination

Identifies the destination of the transaction.

G. FinancialInstitution

Financial Institution to which the settlement totals apply.

H. OtherInstitution

Additional institution involved in settlement. For example, the other party involved in bilateral settlement agreement.

I. Programme

Programme, network, or brand processes the transaction.

J. SystemTraceAuditNumber

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)

K. TransmissionDateTime

Date and time expressed in UTC of the message as sent by the initiator.

L. RetrievalReferenceNumber

A reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

M. LifeCycleIdentification

Transaction lifecycle identification

N. Jurisdiction

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

O. SettlementService

Type of settlement service for specific services requiring settlement.

P. AdditionalFee

Fees not included in the transaction amount.

Q. Reconciliation

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

R. TransactionDescription

Transaction data related to programmes and services, content and format based on bilateral agreements.

S. OriginalResponseCode

Original Response code.

T. ProcessingResult

Processing results of the settlement service.

U. AdditionalData

Contains additional data.

V. ProtectedData

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

W. SupplementaryData

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

X. SecurityTrailer

Trailer of the message containing a MAC.



## 46.2 Structure

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	Message root <Document> <SttlmRptgRspn>	[1..1]			
	Header <Hdr>	[1..1]	±		1134
	SettlementInstitution <SttlmInstn>	[0..1]	±		1135
	Originator <Orgtr>	[0..1]	±		1135
	Sender <Sndr>	[0..1]	±		1135
	Receiver <Rcvr>	[0..1]	±		1136
	Destination <Dstn>	[0..1]	±		1136
	FinancialInstitution <FI>	[0..1]			1137
	Identification <Id>	[1..1]	Text		1137
	Assigner <Assgnr>	[0..1]	Text		1137
	Country <Ctry>	[0..1]	CodeSet		1138
	ShortName <ShrtNm>	[0..1]	Text		1138
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1138
	AdditionalIdentification <AddtlId>	[0..1]	±		1138
	AccountNumber <AcctNb>	[0..1]	Text		1138
	LocalData <LclData>	[0..1]	±		1138
	OtherInstitution <OthrInstn>	[0..1]	±		1139
	Programme <Prgrmm>	[0..*]	±		1139
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1139
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1140
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1140
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1140
	Jurisdiction <Jursdctn>	[0..1]			1140
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1140
	DomesticQualification <DmstQlfcctn>	[0..1]	Text		1140
	SettlementService <SttlmSvc>	[0..1]	±		1141
	AdditionalFee <AddtlFee>	[0..*]	±		1141
	Reconciliation <Rcncltn>	[0..1]	±		1142
	TransactionDescription <TxDesc>	[0..1]	Text		1142
	OriginalResponseCode <OrgnlRspnCd>	[0..1]	CodeSet		1143

Or	MessageElement/BuildingBlock<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>ProcessingResult</b> <PrcgRslt>	[1..1]	±		1143
	<b>AdditionalData</b> <AddtlData>	[0..*]	±		1143
	<b>ProtectedData</b> <PrtctdData>	[0..*]	±		1143
	<b>SupplementaryData</b> <SplmtryData>	[0..*]	±	C1	1144
	<b>SecurityTrailer</b> <SctyTrlr>	[0..1]	±		1144

## 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 "Header71" on page 1616 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <Xchgld>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCntr>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

## 46.4.2 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 46.4.3 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 46.4.4 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 46.4.5 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 "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 46.4.6 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see ["PartyIdentification286"](#) on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

## 46.4.7 FinancialInstitution <FI>

*Presence:* [0..1]

*Definition:* Financial Institution to which the settlement totals apply.

**FinancialInstitution <FI>** contains the following **FinancialInstitution9** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	<b>Identification</b> <Id>	[1..1]	Text		1137
	<b>Assigner</b> <Assgnr>	[0..1]	Text		1137
	<b>Country</b> <Ctry>	[0..1]	CodeSet		1138
	<b>ShortName</b> <ShrtNm>	[0..1]	Text		1138
	<b>LegalCorporateName</b> <LglCorpNm>	[0..1]	Text		1138
	<b>AdditionalIdentification</b> <AddtlId>	[0..1]	±		1138
	<b>AccountNumber</b> <AcctNb>	[0..1]	Text		1138
	<b>LocalData</b> <LclData>	[0..1]	±		1138

### 46.4.7.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the party.

*Datatype:* ["Max35Text"](#) on page 1864

### 46.4.7.2 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Entity in charge of assigning an identification to a party.

*Datatype:* ["Max35Text"](#) on page 1864

46.4.7.3 Country <Ctry>

Presence: [0..1]  
Definition: Country of the party.  
Datatype: "ISO3NumericCountryCode" on page 1820

46.4.7.4 ShortName <ShrtNm>

Presence: [0..1]  
Definition: Short name of the party.  
Datatype: "Max35Text" on page 1864

46.4.7.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]  
Definition: Legal Corporate Name of the party  
Datatype: "Max99Text" on page 1868

46.4.7.6 AdditionalIdentification <AddtIld>

Presence: [0..1]  
Definition: Additional identification of the party.  
AdditionalIdentification <AddtIld> contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

46.4.7.7 AccountNumber <AcctNb>

Presence: [0..1]  
Definition: Account number from which the funds get debited or credited.  
Datatype: "Max35Text" on page 1864

46.4.7.8 LocalData <LclData>

Presence: [0..1]  
Definition: Contains local language equivalent(s) of data in the current component.

**LocalData <LclData>** contains the following elements (see "LocalData14" on page 1526 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1526
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1526
	ShortName <ShrtNm>	[0..1]	Text		1526
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1526
	AdditionalData <AddtlData>	[0..*]	±		1526

## 46.4.8 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 "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

## 46.4.9 Programme <Prgrmm>

*Presence:* [0..\*]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "ProgrammeMode5" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIdId>	[1..1]	Text		1197
	AdditionalIdentification <AddtlId>	[0..*]	±		1197

## 46.4.10 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)

*Datatype:* "Max12NumericText" on page 1860

**46.4.11      TransmissionDateTime <TrnsmssnDtTm>**

*Presence:* [1..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

**46.4.12      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.

*Datatype:* "Exact12Text" on page 1857

**46.4.13      LifeCycleIdentification <LifeCyclId>**

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

**46.4.14      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		1140
	<b>DomesticQualification</b> <DmstQlfcfn>	[0..1]	Text		1140

**46.4.14.1 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 1854):

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

**46.4.14.2 DomesticQualification <DmstQlfcfn>**

*Presence:* [0..1]



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

*Datatype:* "Max35Text" on page 1864

## 46.4.15 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

## 46.4.16 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

## 46.4.17 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

## 46.4.18 TransactionDescription <TxDesc>

*Presence:* [0..1]

*Definition:* Transaction data related to programmes and services, content and format based on bilateral agreements.

*Datatype:* "Max1000Text" on page 1858

## 46.4.19 OriginalResponseCode <OrgnlRspnCd>

*Presence:* [0..1]

*Definition:* Original Response code.

*Datatype:* "ISO8583ResponseCode" on page 1822

## 46.4.20 ProcessingResult <PrcgRslt>

*Presence:* [1..1]

*Definition:* Processing results of the settlement service.

**ProcessingResult <PrcgRslt>** contains the following elements (see "ProcessingResult23" on page 1742 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

## 46.4.21 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

## 46.4.22 ProtectedData <PrtctdData>

*Presence:* [0..\*]

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

**ProtectedData <PrtctdData>** contains the following elements (see "ProtectedData2" on page 1735 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

## 46.4.23 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 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PlaceAndName <PlcAndNm>	[0..1]	Text		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

### 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.

## 46.4.24 SecurityTrailer <SctyTrlr>

*Presence:* [0..1]

*Definition:* Trailer of the message containing a MAC.

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType41" on page 1736 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

## 47 Message Items Types

### 47.1 MessageComponents

#### 47.1.1 Account

##### 47.1.1.1 Wallet3

*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]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWlItChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdlVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

##### 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 "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

#### 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 1855

#### 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 1855

#### 47.1.1.1.4 AccountAge <AcctAge>

*Presence:* [0..1]

*Definition:* Number of days since the user created the wallet account or started using the wallet.

*Datatype:* "Max5PositiveNumber" on page 1855

#### 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 1855

#### 47.1.1.1.6 Activity <Actvty>

*Presence:* [0..1]

*Definition:* Number of transactions on this wallet within an interval.

*Datatype:* "Max10PositiveNumber" on page 1855

#### 47.1.1.1.7 ActivityInterval <ActvtyIntrvl>

*Presence:* [0..1]

*Definition:* Identifies the interval of the activity.

*Datatype:* "Frequency12Code" on page 1815

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 1855

#### 47.1.1.1.9 SuspendedCards <SspdCrds>

*Presence:* [0..1]

*Definition:* Number of cards suspended in the wallet.

*Datatype:* "Max5PositiveNumber" on page 1855

#### 47.1.1.1.10 AccountCountry <AcctCtry>

*Presence:* [0..1]

*Definition:* Country of the wallet account.

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 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 1802

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.

CodeName	Name	Definition
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 1864

#### 47.1.1.1.13 AccountEmailAge <AcctEmailAge>

*Presence:* [0..1]

*Definition:* Number of days the email address has been in the wallet.

*Datatype:* "Max5PositiveNumber" on page 1855

#### 47.1.1.1.14 ProviderRiskAssessment <PrvdrRskAssmnt>

*Presence:* [0..1]

*Definition:* Wallet Provider Risk Assessment.

*Datatype:* "RiskAssessment1Code" on page 1843

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.

#### 47.1.1.1.15 ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdlVrsn>

*Presence:* [0..1]

*Definition:* Wallet Provider Risk Assessment Model Version used to create scores.

*Datatype:* "Max35Text" on page 1864

#### 47.1.1.1.16 ProviderPhoneScore <PrvdrPhneScore>

*Presence:* [0..1]

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



Datatype: ["Max5PositiveNumber" on page 1855](#)

47.1.1.1.17 **ProviderDeviceScore <PrvdrDvcScore>**

Presence: [0..1]  
Definition: A value to determine trust level of the device.  
Datatype: ["Max5PositiveNumber" on page 1855](#)

47.1.1.1.18 **ProviderAccountScore <PrvdrAcctScore>**

Presence: [0..1]  
Definition: A value to determine trust level of the account.  
Datatype: ["Max5PositiveNumber" on page 1855](#)

47.1.1.1.19 **AdditionalData <AddtlData>**

Presence: [0..\*]  
Definition: Additional data associated with wallet.  
**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1" on page 1603](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.1.2 **AccountDetails4**

Definition: Details of a bank account

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

47.1.1.2.1 **Name <Nm>**

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 1867](#)

47.1.1.2.2 **Type <Tp>**

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 1821

47.1.1.2.3 Identification <Id>

Presence: [0..1]  
Definition: Identification of an account.  
Datatype: "Max70Text" on page 1867

47.1.2 Address

47.1.2.1 LocalAddress1

Definition: Structured postal address in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1150
	AddressLine2 <AdrLine2>	[0..1]	Text		1150
	StreetName <StrtNm>	[0..1]	Text		1150
	BuildingNumber <BldgNb>	[0..1]	Text		1151
	PostalCode <PstlCd>	[0..1]	Text		1151
	TownName <TwnNm>	[0..1]	Text		1151
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1151
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1151

47.1.2.1.1 AddressLine1 <AdrLine1>

Presence: [0..1]  
Definition: First line of information that locates and identifies a specific address, as defined by postal services.  
Datatype: "Max200Text" on page 1862

47.1.2.1.2 AddressLine2 <AdrLine2>

Presence: [0..1]  
Definition: Second line of information that locates and identifies a specific address, as defined by postal services.  
Datatype: "Max200Text" on page 1862

47.1.2.1.3 StreetName <StrtNm>

Presence: [0..1]  
Definition: Name of a street or thoroughfare.  
Datatype: "Max200Text" on page 1862

#### **47.1.2.1.4 BuildingNumber <BldgNb>**

*Presence:* [0..1]

*Definition:* Number that identifies the position of a building on a street.

*Datatype:* "Max35Text" on page 1864

#### **47.1.2.1.5 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:* "Max35Text" on page 1864

#### **47.1.2.1.6 TownName <TwnNm>**

*Presence:* [0..1]

*Definition:* Name of a built-up area, with defined boundaries, and a local government.

*Datatype:* "Max100Text" on page 1859

#### **47.1.2.1.7 CountrySubDivisionMinorName <CtrySubDvsnMnrNm>**

*Presence:* [0..1]

*Definition:* Name of the country sub division minor.

*Datatype:* "Max100Text" on page 1859

#### **47.1.2.1.8 CountrySubDivisionMajorName <CtrySubDvsnMjrNm>**

*Presence:* [0..1]

*Definition:* Name of the country sub division major.

*Datatype:* "Max100Text" on page 1859

#### **47.1.2.2 Address2**

*Definition:* Structured postal address.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.2.2.1 AddressLine1 <AdrLine1>

*Presence:* [0..1]

*Definition:* First line of information that locates and identifies a specific address, as defined by postal services.

*Datatype:* "Max99Text" on page 1868

#### 47.1.2.2.2 AddressLine2 <AdrLine2>

*Presence:* [0..1]

*Definition:* Second line of information that locates and identifies a specific address, as defined by postal services.

*Datatype:* "Max99Text" on page 1868

#### 47.1.2.2.3 StreetName <StrtNm>

*Presence:* [0..1]

*Definition:* Name of a street or thoroughfare.

*Datatype:* "Max99Text" on page 1868

#### 47.1.2.2.4 BuildingNumber <BldgNb>

*Presence:* [0..1]

*Definition:* Number that identifies the position of a building on a street.

*Datatype:* "Max16Text" on page 1861

#### 47.1.2.2.5 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:* "Max16Text" on page 1861

#### **47.1.2.2.6 TownName <TwnNm>**

*Presence:* [0..1]

*Definition:* Name of a built-up area, with defined boundaries, and a local government.

*Datatype:* "Max50Text" on page 1866

#### **47.1.2.2.7 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 1822

#### **47.1.2.2.8 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 1822

#### **47.1.2.2.9 CountrySubDivisionMajorName <CtrySubDvsnMjrNm>**

*Presence:* [0..1]

*Definition:* Name of a major subdivision of a country, for instance county, prefecture.

*Datatype:* "Max50Text" on page 1866

#### **47.1.2.2.10 CountrySubDivisionMinorName <CtrySubDvsnMnrNm>**

*Presence:* [0..1]

*Definition:* Name of a minor subdivision of a country, for instance county, prefecture.

*Datatype:* "Max50Text" on page 1866

#### **47.1.2.2.11 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 1822

### **47.1.3 Algorithm**

#### **47.1.3.1 AlgorithmIdentification25**

*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		1154
	Parameter <Param>	[0..1]	±		1155

#### 47.1.3.1.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the encryption algorithm.

*Datatype:* "Algorithm23Code" on page 1794

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).
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).

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).

#### 47.1.3.1.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters associated with the CBC (Chain Block Chaining) encryption algorithm.

**Parameter <Param>** contains the following elements (see "[Parameter7](#)" on page 1485 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationVector <InitIstnVctr>	[0..1]	Binary		1485
	BytePadding <BPddg>	[0..1]	CodeSet		1485

#### 47.1.3.2 AlgorithmIdentification28

*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		1155
	Parameter <Param>	[0..1]	±		1156

##### 47.1.3.2.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Identification of the algorithm.

*Datatype:* "[Algorithm13Code](#)" on page 1793

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

CodeName	Name	Definition
		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 - November 6, 2001 - Advanced Encryption Standard).

#### 47.1.3.2.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters associated to the encryption algorithm.

**Parameter <Param>** contains the following elements (see "Parameter14" on page 1483 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1483
	InitialisationVector <InitlstrVctr>	[0..1]	Binary		1483
	BytePadding <BPddg>	[0..1]	CodeSet		1483

#### 47.1.3.3 AlgorithmIdentification27

*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		1157
	Parameter <Param>	[0..1]	±		1157

#### 47.1.3.3.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Asymmetric encryption algorithm of a transport key.

*Datatype:* "Algorithm7Code" on page 1796

CodeName	Name	Definition
ERSA	RSAEncryption	RSA encryption algorithm - (ASN.1 Object Identifier: rsaEncryption).
RSOA	RSAAES-OAEP	RSA encryption scheme based on Optimal Asymmetric Encryption scheme (PKCS #1 version 2.1) - (ASN.1 Object Identifier: id-RSAES-OAEP).

#### 47.1.3.3.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters of the encryption algorithm.

**Parameter <Param>** contains the following elements (see "Parameter13" on page 1484 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1484
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1484

#### 47.1.3.4 AlgorithmIdentification26

*Definition:* Mask generator function cryptographic algorithm and parameters.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1157
	Parameter <Param>	[0..1]	CodeSet		1158

#### 47.1.3.4.1 Algorithm <Algo>

*Presence:* [1..1]

*Definition:* Mask generator function cryptographic algorithm.

*Datatype:* "Algorithm8Code" on page 1796

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).

#### 47.1.3.4.2 Parameter <Param>

*Presence:* [0..1]

*Definition:* Parameters associated to the mask generator function cryptographic algorithm

*Datatype:* "Algorithm5Code" on page 1796

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).

## 47.1.4 Amount

### 47.1.4.1 Amount23

*Definition:* Contains amount details for a specific type of charge.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1158
	OtherType <OthrTp>	[0..1]	Text		1159
	Amount <Amt>	[1..1]	Amount		1159
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1159

#### 47.1.4.1.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of telephone charge.

*Datatype:* "TypeOfAmount19Code" on page 1848

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

CodeName	Name	Definition
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

#### 47.1.4.1.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Description of other type of charge.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.1.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Contains the amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.1.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the tax amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.2 OtherAmount5

*Definition:* Other amount in clearing record data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ClearingCount <ClrCnt>	[1..1]	Quantity		1160
	ClearingAmount <ClrAmt>	[1..1]	Amount		1160
	ClearingCurrency <ClrCcy>	[0..1]	CodeSet	C2	1160
	ClearingCreditDebit <ClrCdtDbt>	[0..1]	CodeSet		1160
	InterchangeFeeAmount <IntrchnngFeeAmt>	[1..1]	Amount		1161
	InterchangeFeeCurrency <IntrchnngFeeCcy>	[0..1]	CodeSet	C2	1161
	InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>	[0..1]	CodeSet		1161
	AgentFeeAmount <AgtFeeAmt>	[1..1]	Amount		1161
	AgentFeeCurrency <AgtFeeCcy>	[0..1]	CodeSet	C2	1161
	AgentFeeCreditDebit <AgtFeeCdtDbt>	[0..1]	CodeSet		1162

#### 47.1.4.2.1 ClearingCount <ClrCnt>

*Presence:* [1..1]

*Definition:* Number of other amounts involved in clearing.

*Datatype:* "Number" on page 1856

#### 47.1.4.2.2 ClearingAmount <ClrAmt>

*Presence:* [1..1]

*Definition:* Net clearing amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.2.3 ClearingCurrency <ClrCcy>

*Presence:* [0..1]

*Definition:* Currency code of the net clearing amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### Constraints

- **ValidationByTable**

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

#### 47.1.4.2.4 ClearingCreditDebit <ClrCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of net clearing amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.2.5 InterchangeFeeAmount <IntrchnngFeeAmt>

*Presence:* [1..1]

*Definition:* Interchange fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.2.6 InterchangeFeeCurrency <IntrchnngFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code of interchange fee amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 47.1.4.2.7 InterchangeFeeCreditDebit <IntrchnngFeeCdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the interchange fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.2.8 AgentFeeAmount <AgtFeeAmt>

*Presence:* [1..1]

*Definition:* Agent fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.2.9 AgentFeeCurrency <AgtFeeCcy>

*Presence:* [0..1]

*Definition:* Currency code Gross clearing accumulated amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**47.1.4.2.10 AgentFeeCreditDebit <AgtFeeCdtDbt>**

*Presence:* [0..1]

*Definition:* Sign of agent fee amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

**47.1.4.3 Amount12**

*Definition:* Contains amount details for a specific type of charge.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1162
	OtherType <OthrTp>	[0..1]	Text		1163
	Rate <Rate>	[0..1]	Amount		1163
	Hours <Hrs>	[0..1]	Text		1163

**47.1.4.3.1 Type <Tp>**

*Presence:* [0..1]

*Definition:* Type of hours worked.

*Datatype:* "TemporaryServicesCharge1Code" on page 1846

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

#### 47.1.4.3.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of hours worked.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.3.3 Rate <Rate>

*Presence:* [0..1]

*Definition:* Contains the rate per hour.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.3.4 Hours <Hrs>

*Presence:* [0..1]

*Definition:* Contains the number of hours worked.

*Datatype:* "Max6NumericText" on page 1866

#### 47.1.4.4 DetailedAmount22

*Definition:* Breakdown of the transaction amount.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1163
	OtherType <OthrTp>	[0..1]	Text		1163
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1163
	Amount <Amt>	[1..1]	Amount		1164
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1164
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1164
	Description <Desc>	[0..1]	Text		1164

#### 47.1.4.4.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type or class of amount.

*Datatype:* "ISO8583AmountTypeCode" on page 1821

#### 47.1.4.4.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Additional information to specify the type of amount.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.4.3 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.4.4 Amount <Amt>

*Presence:* [1..1]

*Definition:* Detailed amount expressed in the transaction currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.4.5 CardholderBillingAmount <CrhdlrBlgAmt>

*Presence:* [0..1]

*Definition:* Detailed amount expressed in the cardholder billing currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.4.6 ReconciliationAmount <RcncltnAmt>

*Presence:* [0..1]

*Definition:* Detailed amount expressed in the reconciliation currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.4.7 Description <Desc>

*Presence:* [0..1]

*Definition:* Short description of the detailed amount.

*Datatype:* "Max70Text" on page 1867

### 47.1.4.5 Amount13

*Definition:* Contains the details of the billing amount

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1164
	Description <Desc>	[0..1]	Text		1164
	Amount <Amt>	[1..1]	Amount		1165

#### 47.1.4.5.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Describes the amount type.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.5.2 Description <Desc>

*Presence:* [0..1]



*Definition:* Additional information about the amount.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.5.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Contains the amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 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		1165
	Currency <Ccy>	[0..1]	CodeSet	C2	1165
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1165

##### 47.1.4.6.1 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

##### 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 1821

##### 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 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.7 AdditionalAmounts4

*Definition:* Limits and amounts not part of the transaction amount. Not included in reconciliation totals.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

##### 47.1.4.7.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type or class of amount.

*Datatype:* "ISO8583AmountTypeCode" on page 1821

##### 47.1.4.7.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of amount.

*Datatype:* "Max35Text" on page 1864

##### 47.1.4.7.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

##### 47.1.4.7.4 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 1821

##### Constraints

- **ValidationByTable**

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

##### 47.1.4.7.5 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the Amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.7.6 Description <Desc>

*Presence:* [0..1]

*Definition:* Short description of the additional amount.

*Datatype:* "Max70Text" on page 1867

#### 47.1.4.8 Amount22

*Definition:* Contains the details of the billing amount

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Description <Desc>	[0..1]	Text		1167
	Amount <Amt>	[1..1]	Amount		1167
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1167
	Tax <Tax>	[0..*]	±		1168

##### 47.1.4.8.1 Description <Desc>

*Presence:* [0..1]

*Definition:* Description of the amount details.

*Datatype:* "Max35Text" on page 1864

##### 47.1.4.8.2 Amount <Amt>

*Presence:* [1..1]

*Definition:* Contains the amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

##### 47.1.4.8.3 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the tax amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.8.4 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Tax applicable to the billing amount.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.4.9 OriginalTransactionAmounts3

*Definition:* Amounts of the card transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1168
	Amount <Amt>	[1..1]	Amount		1169
	Currency <Ccy>	[1..1]	CodeSet	C2	1169
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1169
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1169
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1170
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1170
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1170
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1170

##### 47.1.4.9.1 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifier or type of amount.

ISO 8583:93/2003 bit 24

*Datatype:* "TypeOfAmount22Code" on page 1849

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.
RESA	Reserved	Reserved or updated reserved amount for reservation.

#### 47.1.4.9.2 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.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.9.3 Currency <Ccy>

*Presence:* [1..1]

*Definition:* Currency code associated with the transaction amount. ISO 4217 "Codes for the representation of currencies and funds"

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 47.1.4.9.4 CardholderBillingAmount <CrdhldrBllgAmt>

*Presence:* [0..1]

*Definition:* Amount of the transaction in cardholder billing currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.9.5 CardholderBillingCurrency <CrdhldrBllgCcy>

*Presence:* [0..1]

*Definition:* Currency code of Cardholder and associated with cardholder billing amount. ISO 4217 "Codes for the representation of currencies and funds".

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**47.1.4.9.6 CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>**

*Presence:* [0..1]

*Definition:* Effective exchange rate used in the conversion from transaction amount to cardholder billing amount.

*Datatype:* "BaseOne25Rate" on page 1856

**47.1.4.9.7 ReconciliationAmount <RcncltnAmt>**

*Presence:* [0..1]

*Definition:* Amount of the transaction in Reconciliation currency

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

**47.1.4.9.8 ReconciliationCurrency <RcncltnCcy>**

*Presence:* [0..1]

*Definition:* Currency code of Reconciliation and associated with Reconciliation amount. ISO 4217 "Codes for the representation of currencies and funds".

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**47.1.4.9.9 ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>**

*Presence:* [0..1]

*Definition:* Effective exchange rate used in the conversion from transaction amount to reconciliation amount.

*Datatype:* "BaseOne25Rate" on page 1856

**47.1.4.10 TransactionAmounts3**

*Definition:* Amounts of the card transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

#### 47.1.4.10.1 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifier or type of amount.

*Datatype:* "TypeOfAmount22Code" on page 1849

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.

#### 47.1.4.10.2 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.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.10.3 Currency <Ccy>

*Presence:* [1..1]

*Definition:* Currency code associated with the transaction amount. ISO 4217 "Codes for the representation of currencies and funds"

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### **Constraints**

- **ValidationByTable**

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

#### **47.1.4.10.4 CardholderBillingAmount <CrdhldrBllgAmt>**

*Presence:* [0..1]

*Definition:* Amount of the transaction in cardholder billing currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.4.10.5 CardholderBillingCurrency <CrdhldrBllgCcy>**

*Presence:* [0..1]

*Definition:* Currency code of Cardholder and associated with cardholder billing amount. ISO 4217 "Codes for the representation of currencies and funds".

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### **Constraints**

- **ValidationByTable**

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

#### **47.1.4.10.6 CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>**

*Presence:* [0..1]

*Definition:* Effective exchange rate used in the conversion from transaction amount to cardholder billing amount.

*Datatype:* "BaseOne25Rate" on page 1856

#### **47.1.4.10.7 ReconciliationAmount <RcncltnAmt>**

*Presence:* [0..1]

*Definition:* Amount of the transaction in Reconciliation currency

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.4.10.8 ReconciliationCurrency <RcncltnCcy>**

*Presence:* [0..1]

*Definition:* Currency code of Reconciliation and associated with Reconciliation amount. ISO 4217 "Codes for the representation of currencies and funds".

*Impacted by:* C2 "ValidationByTable"



*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**47.1.4.10.9 ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>**

*Presence:* [0..1]

*Definition:* Effective exchange rate used in the conversion from transaction amount to reconciliation amount.

*Datatype:* "BaseOne25Rate" on page 1856

**47.1.4.10.10 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 1163 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1163
	OtherType <OthrTp>	[0..1]	Text		1163
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1163
	Amount <Amt>	[1..1]	Amount		1164
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1164
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1164
	Description <Desc>	[0..1]	Text		1164

**47.1.4.11 TransactionAmounts4**

*Definition:* Amounts of the card transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1174
	Amount <Amt>	[0..1]	Amount		1174
	Currency <Ccy>	[0..1]	CodeSet	C2	1174
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1175
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1175
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1175
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1175
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1175
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1176
	DetailedAmount <DtldAmt>	[0..*]	±		1176

#### 47.1.4.11.1 AmountQualifier <AmtQlfr>

*Presence:* [0..1]

*Definition:* Qualifier or type of amount.

*Datatype:* "TypeOfAmount22Code" on page 1849

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.

#### 47.1.4.11.2 Amount <Amt>

*Presence:* [0..1]

*Definition:* Amount of the transaction expressed in the currency of the terminal or as a reversed amount of a previous authorisation.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.11.3 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency code associated with the transaction amount. ISO 4217 "Codes for the representation of currencies and funds"

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### **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 CardholderBillingAmount <CrdhldrBllgAmt>**

*Presence:* [0..1]

*Definition:* Amount of the transaction in cardholder billing currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.4.11.5 CardholderBillingCurrency <CrdhldrBllgCcy>**

*Presence:* [0..1]

*Definition:* Currency code of Cardholder and associated with cardholder billing amount. ISO 4217 "Codes for the representation of currencies and funds".

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### **Constraints**

- **ValidationByTable**

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

#### **47.1.4.11.6 CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>**

*Presence:* [0..1]

*Definition:* Effective exchange rate used in the conversion from transaction amount to cardholder billing amount.

*Datatype:* "BaseOne25Rate" on page 1856

#### **47.1.4.11.7 ReconciliationAmount <RcncltnAmt>**

*Presence:* [0..1]

*Definition:* Amount of the transaction in Reconciliation currency

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.4.11.8 ReconciliationCurrency <RcncltnCcy>**

*Presence:* [0..1]

*Definition:* Currency code of Reconciliation and associated with Reconciliation amount. ISO 4217 "Codes for the representation of currencies and funds".

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

#### Constraints

- **ValidationByTable**

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

#### 47.1.4.11.9 ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>

*Presence:* [0..1]

*Definition:* Effective exchange rate used in the conversion from transaction amount to reconciliation amount.

*Datatype:* "BaseOne25Rate" on page 1856

#### 47.1.4.11.10 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 1163 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1163
	OtherType <OthrTp>	[0..1]	Text		1163
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1163
	Amount <Amt>	[1..1]	Amount		1164
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1164
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1164
	Description <Desc>	[0..1]	Text		1164

#### 47.1.4.12 Amount21

*Definition:* Describes each adjustment made to the original price.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1177
	OtherType <OthrTp>	[0..1]	Text		1178
	Amount <Amt>	[0..1]	Amount		1178
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1178
	CustomerNotified <CstmrNtfd>	[0..1]	Indicator		1178

#### 47.1.4.12.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Code that describes the type of amount or fee.

*Datatype:* "CarRentalServiceType2Code" on page 1805

CodeName	Name	Definition
ADJM	Adjustment	Rental amount adjustment
AUTH	Authorised	Authorised amount
BAST	BabySeat	Baby seat.
CLEA	Cleaning	Extra charges due to the need to clean the car.
DMGS	Damage	Charge for damages
DLVR	Delivery	Charge for delivery of rental vehicle
DPOF	DropOff	Drop off charges
ENTE	Entertainment	Entertainment
EXTC	ExtraCharges	Extra charges
EXDY	ExtraDays	Charges for extra days
EXDI	ExtraDistance	Charges for additional distance
EXHR	ExtraHours	Charges for extra hours
FINE	Fines	Police and related fines or violation fees re-invoiced by vehicle rental company.
FUEL	Fuel	Fuel
GARA	Garage	Garage
GPSY	GlobalPositioningSystem	Global Positioning System (GPS)
INSU	Insurance	Insurance
LATE	LateReturn	Car returned late.
LIIN	LiabilityInsurance	Charges for liability insurance
LDIN	LossDamageInsurance	Charges for Loss Damage Insurance
MISC	Miscellaneous	Miscellaneous charges
NAVI	Navigation	Charges for navigation system
NOSH	NoShow	Customer no-show charges.
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.

CodeName	Name	Definition
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.

#### 47.1.4.12.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Description of other type of amount or fee.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.12.3 Amount <Amt>

*Presence:* [0..1]

*Definition:* Contains the amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.12.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Indicates whether or not the amount is a credit or debit.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.12.5 CustomerNotified <CstmrNtf>

*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 1854):

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

#### 47.1.4.13 InstalmentAmountDetails3

*Definition:* Instalment amount details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1179
	OtherType <OthrTp>	[0..1]	Text		1179
	SubType <SubTp>	[0..1]	Text		1179
	Amount <Amt>	[1..1]	Amount		1180
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1180
	Percentage <Pctg>	[0..1]	Rate		1180

#### 47.1.4.13.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Instalment amount detail type.

*Datatype:* "InstalmentAmountDetailsType3Code" on page 1819

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
DCNT	Discount	Discount.

#### 47.1.4.13.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other instalment amount detail type.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.13.3 SubType <SubTp>

*Presence:* [0..1]

*Definition:* Grace period sub type.

*Datatype:* "Max35Text" on page 1864

47.1.4.13.4 Amount <Amt>

Presence: [1..1]

Definition: Amount value.

Datatype: "ImpliedCurrencyAndAmount" on page 1783

47.1.4.13.5 CreditDebit <CdtDbt>

Presence: [0..1]

Definition: Sign of the amount.

Datatype: "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.4.13.6 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 1857

47.1.4.14 AuthorisedAmount2

Definition: Provides the amount reserved to cover the anticipated charges associated with the lodging stay.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1180
	Time <Tm>	[0..1]	Time		1180
	Amount <Amt>	[1..1]	Amount		1181
	Description <Desc>	[0..1]	Text		1181

47.1.4.14.1 Date <Dt>

Presence: [0..1]

Definition: Date of the amount authorized

Datatype: "ISODate" on page 1854

47.1.4.14.2 Time <Tm>

Presence: [0..1]

Definition: Time of the amount authorized

Datatype: "ISOTime" on page 1869



#### 47.1.4.14.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Contains the amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.14.4 Description <Desc>

*Presence:* [0..1]

*Definition:* Description about the authorized amount.

*Datatype:* "Max350Text" on page 1864

#### 47.1.4.15 AdditionalFee3

*Definition:* Fees not included in the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

#### 47.1.4.15.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type or class of fee.

*Datatype:* "TypeOfAmount21Code" on page 1848

CodeName	Name	Definition
INTC	InterchangeFee	Interchange fee.
FEPP	ProcessingFees	Processing fees.
OTHN	OtherNational	Other type of amount defined at national level.

CodeName	Name	Definition
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.

#### 47.1.4.15.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Additional information to specify the type of amount of fee.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.15.3 Program <Prgm>

*Presence:* [0..1]

*Definition:* Identification of fee program.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.15.4 Descriptor <Dscrptr>

*Presence:* [0..1]

*Definition:* Identification of specific fee.

*Datatype:* "Max35Text" on page 1864

#### 47.1.4.15.5 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Contains code list for a credit or debit transaction

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.4.15.6 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount exclusive of currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.4.15.7 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency for the type of amount.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**47.1.4.15.8 ReconciliationAmount <RcncltnAmt>**

*Presence:* [0..1]

*Definition:* Amount of the transaction in Reconciliation currency

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

**47.1.4.15.9 ReconciliationCurrency <RcncltnCcy>**

*Presence:* [0..1]

*Definition:* Currency code of Reconciliation and associated with Reconciliation amount. ISO 4217 "Codes for the representation of currencies and funds".

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

- **ValidationByTable**

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

**47.1.4.15.10 ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>**

*Presence:* [0..1]

*Definition:* Effective exchange rate used in the conversion from transaction amount to reconciliation amount.

*Datatype:* "BaseOne25Rate" on page 1856

**47.1.4.15.11 Assigner <Assgnr>**

*Presence:* [0..1]

*Definition:* A code to identify the type of party who assign the fee.

*Datatype:* "PartyType32Code" on page 1834

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

CodeName	Name	Definition
OTHP	OtherPrivate	Other card payment entity type defined at private level

**47.1.4.15.12 OtherAssigner <OthrAssgnr>***Presence:* [0..1]*Definition:* Other type of party that assign the fee.*Datatype:* "Max35Text" on page 1864**47.1.4.15.13 Description <Desc>***Presence:* [0..1]*Definition:* Short description of the fee amount.*Datatype:* "Max140Text" on page 1860**47.1.5 Balance****47.1.5.1 AccountStatementData3***Definition:* Statement information of an account.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1184
	Time <Tm>	[0..1]	Time		1185
	Details <Dtls>	[0..*]			1185
	TransactionDate <TxDt>	[1..1]	Date		1185
	Pending <Pdg>	[0..1]	Indicator		1185
	PostingDate <PstngDt>	[0..1]	Date		1186
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1186
	Amount <Amt>	[0..1]	Amount		1186
	Currency <Ccy>	[0..1]	CodeSet	C2	1186
	CardholderBillingAmount <CrdhldrBlgAmt>	[0..1]	Amount		1186
	CardholderBillingCurrency <CrdhldrBlgCcy>	[0..1]	CodeSet	C2	1186
	AcceptorNameAndLocation <AccptrNmAndLctn>	[0..1]	Text		1187
	ShortDescription <ShrtDesc>	[0..1]	Text		1187
	LongDescription <LngDesc>	[0..1]	Text		1187

**47.1.5.1.1 Date <Dt>***Presence:* [0..1]*Definition:* Date the statement is generated.

*Datatype:* "ISODate" on page 1854

#### 47.1.5.1.2 Time <Tm>

*Presence:* [0..1]

*Definition:* Time the account statement is generated.

*Datatype:* "ISOTime" on page 1869

#### 47.1.5.1.3 Details <Dtls>

*Presence:* [0..\*]

*Definition:* Statement information.

**Details <Dtls>** contains the following **AccountStatementDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionDate <TxDt>	[1..1]	Date		1185
	Pending <Pdg>	[0..1]	Indicator		1185
	PostingDate <PstngDt>	[0..1]	Date		1186
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1186
	Amount <Amt>	[0..1]	Amount		1186
	Currency <Ccy>	[0..1]	CodeSet	C2	1186
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1186
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1186
	AcceptorNameAndLocation <AccptrNmAndLctn>	[0..1]	Text		1187
	ShortDescription <ShrtDesc>	[0..1]	Text		1187
	LongDescription <LngDesc>	[0..1]	Text		1187

##### 47.1.5.1.3.1 TransactionDate <TxDt>

*Presence:* [1..1]

*Definition:* Date of the transaction.

*Datatype:* "ISODate" on page 1854

##### 47.1.5.1.3.2 Pending <Pdg>

*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 1854):

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

#### 47.1.5.1.3.3 PostingDate <PstngDt>

*Presence:* [0..1]

*Definition:* Posting date of the transaction.

*Datatype:* "ISODate" on page 1854

#### 47.1.5.1.3.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the tax amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.5.1.3.5 Amount <Amt>

*Presence:* [0..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.5.1.3.6 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 1821

##### Constraints

- **ValidationByTable**

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

#### 47.1.5.1.3.7 CardholderBillingAmount <CrdhldrBllgAmt>

*Presence:* [0..1]

*Definition:* Amount value in Cardholder billing currency.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.5.1.3.8 CardholderBillingCurrency <CrdhldrBllgCcy>

*Presence:* [0..1]

*Definition:* Cardholder billing Currency code.

*Impacted by:* C2 "ValidationByTable"  
*Datatype:* "ISO3NumericCurrencyCode" on page 1821

**Constraints**

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

**47.1.5.1.3.9 AcceptorNameAndLocation <AccptrNmAndLctn>**

*Presence:* [0..1]  
*Definition:* Currency of the amount.  
*Datatype:* "Max99Text" on page 1868

**47.1.5.1.3.10 ShortDescription <ShrtDesc>**

*Presence:* [0..1]  
*Definition:* Short transaction description to print or display.  
*Datatype:* "Max70Text" on page 1867

**47.1.5.1.3.11 LongDescription <LngDesc>**

*Presence:* [0..1]  
*Definition:* Long transaction description to print or display.  
*Datatype:* "Max256Text" on page 1863

**47.1.5.2 AccountBalance3**

*Definition:* Balance of the account involved in the card transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AccountType <AcctTp>	[1..1]	CodeSet		1187
	Balance <Bal>	[1..*]			1188
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

**47.1.5.2.1 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 1821

#### 47.1.5.2.2 Balance <Bal>

*Presence:* [1..\*]

*Definition:* Balance of the account.

**Balance <Bal>** contains the following **Balance29** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1188
	OtherType <OthrTp>	[0..1]	Text		1189
	Amount <Amt>	[1..1]	Amount		1189
	Currency <Ccy>	[0..1]	CodeSet	C2	1189
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1189
	CardholderCurrency <CrdhldrCcy>	[0..1]	Indicator		1189
	BalanceDate <BalDt>	[0..1]	Date		1189

##### 47.1.5.2.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of card account balance.

*Datatype:* "BalanceType15Code" on page 1800

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.



#### 47.1.5.2.2.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other card account balance type.

*Datatype:* "Max35Text" on page 1864

#### 47.1.5.2.2.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.5.2.2.4 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency of the account.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 47.1.5.2.2.5 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Indicates whether the value of the balance id positive or negative.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.5.2.2.6 CardholderCurrency <CrhdldrCcy>

*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 1854):

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

#### 47.1.5.2.2.7 BalanceDate <BalDt>

*Presence:* [0..1]

*Definition:* Date of the balance.

*Datatype:* "ISODate" on page 1854

## 47.1.6 Batch Managment

### 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		1190
	BatchIdentification <BtchId>	[1..1]	Text		1190
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1190
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1190

#### 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 1864

#### 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 1864

#### 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 1860

#### 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 1783

## 47.1.7 Card

### 47.1.7.1 CardData15

*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		1191
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1191
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1192
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1192
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1192
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1192
	PANReferenceIdentifier <PANRefIdr>	[0..1]	Text		1192
	PANAccountRange <PANAcctRg>	[0..1]	Text		1192
	Country <Ctry>	[0..1]	CodeSet		1192
	ProductType <PdctTp>	[0..1]	Text		1193
	ProductSubType <PdctSubTp>	[0..1]	Text		1193
	PortfolioIdentifier <PrtlIdr>	[0..1]	Text		1193
	AdditionalData <AddtlData>	[0..*]	±		1193

#### 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.

*Datatype:* "Max19NumericText" on page 1862

#### 47.1.7.1.2 ProtectedPAN <PrtctdPAN>

*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 1854):

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

#### 47.1.7.1.3 CardSequenceNumber <CardSeqNb>

*Presence*: [0..1]

*Definition*: Distinguishes between instances of the same payment card.

*Datatype*: "Min2Max3NumericText" on page 1868

#### 47.1.7.1.4 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.

*Datatype*: "ISOYearMonth" on page 1869

#### 47.1.7.1.5 ExpiryDate <XpryDt>

*Presence*: [0..1]

*Definition*: Expiry date of the card or payment token.

*Datatype*: "ISOYearMonth" on page 1869

#### 47.1.7.1.6 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.

*Datatype*: "Max35Text" on page 1864

#### 47.1.7.1.7 PANReferenceIdentifier <PANRefldr>

*Presence*: [0..1]

*Definition*: PAN reference identifier.

*Datatype*: "Max35Text" on page 1864

#### 47.1.7.1.8 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 1862

#### 47.1.7.1.9 Country <Ctry>

*Presence*: [0..1]

*Definition*: Country code assigned to the card by the card issuer.

*Datatype*: "ISO3NumericCountryCode" on page 1820

47.1.7.1.10 ProductType <PdctTp>

Presence: [0..1]  
Definition: Type of card product.  
Datatype: "Max35Text" on page 1864

47.1.7.1.11 ProductSubType <PdctSubTp>

Presence: [0..1]  
Definition: Sub type of card product.  
Datatype: "Max35Text" on page 1864

47.1.7.1.12 PortfolioIdentifier <Prtflldr>

Presence: [0..1]  
Definition: Identifies the card portfolio.  
Datatype: "Max35Text" on page 1864

47.1.7.1.13 AdditionalData <AddtlData>

Presence: [0..\*]  
Definition: Additional card issuer specific data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.7.2 MACData1

Definition: Attributes of a cardholder PIN.

ISO 8583:87 bit 53 or 110

ISO 8583:93 bit 53 or 111

ISO 8583:2003 bit 53 or 50

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[1..1]	Text		1194
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1194
	DerivedInformation <DrvdInf>	[0..1]	Text		1194
	Algorithm <Algo>	[1..1]	Text		1195
	KeyLength <KeyLngth>	[0..1]	Text		1195
	KeyProtection <KeyPrctn>	[0..1]	Text		1195
	KeyIndex <KeyIndx>	[0..1]	Text		1195
	PaddingMethod <PddgMtd>	[0..1]	Text		1195
	InitialisationVector <InitlstrVctr>	[0..1]	Text		1195

#### 47.1.7.2.1 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 1857

#### 47.1.7.2.2 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 1867

#### 47.1.7.2.3 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

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*Datatype:* "Max32HexBinaryText" on page 1863

#### **47.1.7.2.4 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 1863

#### **47.1.7.2.5 KeyLength <KeyLngh>**

*Presence:* [0..1]

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

ISO 13492

*Datatype:* "Max4NumericText" on page 1865

#### **47.1.7.2.6 KeyProtection <KeyPrtcn>**

*Presence:* [0..1]

*Definition:* Mechanism used to provide key confidentiality and integrity.

ISO 13492

*Datatype:* "Max2NumericText" on page 1863

#### **47.1.7.2.7 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 1866

#### **47.1.7.2.8 PaddingMethod <PddgMtd>**

*Presence:* [0..1]

*Definition:* Identifies the padding method used for MAC.

ISO 13492

*Datatype:* "Max2NumericText" on page 1863

#### **47.1.7.2.9 InitialisationVector <InitlstnVctr>**

*Presence:* [0..1]

*Definition:* Initialisation vector for CBC.

ISO 13492

Binary, lengths of 8, 16 or 32

*Datatype:* "Max32HexBinaryText" on page 1863

47.1.7.3 CardData14

*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		1196
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1196
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1196
	PortfolioIdentifier <PrtfIdr>	[0..1]	Text		1197

47.1.7.3.1 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 1862

47.1.7.3.2 CardSequenceNumber <CardSeqNb>

*Presence:* [0..1]

*Definition:* Distinguishes between instances of the same payment card.

ISO 8583 bit 23

*Datatype:* "Min2Max3NumericText" on page 1868

47.1.7.3.3 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 1864



#### 47.1.7.3.4 PortfolioIdentifier <PrtfIldr>

*Presence:* [0..1]

*Definition:* Identifies the card portfolio.

*Datatype:* "Max35Text" on page 1864

#### 47.1.7.4 ProgrammeMode5

*Definition:* Applied programme, network, or brand processes the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AppliedIdentification <ApIldId>	[1..1]	Text		1197
	AdditionalIdentification <AddtIld>	[0..*]	±		1197

##### 47.1.7.4.1 AppliedIdentification <ApIldId>

*Presence:* [1..1]

*Definition:* Identification of the programme, network, or brand applied to the transaction.

*Datatype:* "Max35Text" on page 1864

##### 47.1.7.4.2 AdditionalIdentification <AddtIld>

*Presence:* [0..\*]

*Definition:* Additional identification of the program, network, or brand processed the transaction.

**AdditionalIdentification <AddtIld>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.7.5 ProgrammeMode4

*Definition:* Proposed or applied programme, network, or brand processes the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIldId>	[0..1]	Text		1198
	AdditionalIdentification <AddtIld>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

##### 47.1.7.5.1 ProposedIdentification <PropsdId>

*Presence:* [0..\*]

*Definition:* Identification of Programme, network, or brand proposed for the transaction

*Datatype:* "Max35Text" on page 1864

#### 47.1.7.5.2 AppliedIdentification <ApIdId>

*Presence:* [0..1]

*Definition:* Identification of Programme, network, or brand actually applied to the transaction

*Datatype:* "Max35Text" on page 1864

#### 47.1.7.5.3 AdditionalIdentification <AddtId>

*Presence:* [0..\*]

*Definition:* Additional identification of the program.

**AdditionalIdentification <AddtId>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.7.5.4 IdentificationSelectedBy <IdSelctdBy>

*Presence:* [0..1]

*Definition:* Identification of the programme, network, or brand.

*Datatype:* "PartyType20Code" on page 1833

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.

#### 47.1.7.6 CardData12

*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		1199
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1199
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1199
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1200
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1200
	Track3 <Trck3>	[0..1]	Text		1200
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1200
	PANAccountRange <PANAcctRg>	[0..1]	Text		1200
	PANFourLastDigits <PANFourLastDgts>	[0..1]	Text		1200
	Country <Ctry>	[0..1]	CodeSet		1200
	Currency <Ccy>	[0..1]	CodeSet	C2	1201
	ProductType <PdctTp>	[0..1]	Text		1201
	ProductSubType <PdctSubTp>	[0..1]	Text		1201
	PortfolioIdentifier <PrtflId>	[0..1]	Text		1201
	AdditionalData <AddtlData>	[0..*]	±		1201

#### 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.

*Datatype:* "Max19NumericText" on page 1862

#### 47.1.7.6.2 ProtectedPAN <PrtctdPAN>

*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 1854):

- *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.

*Datatype:* "Min2Max3NumericText" on page 1868

#### **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.

*Datatype:* "ISOYearMonth" on page 1869

#### **47.1.7.6.5 ExpiryDate <XpryDt>**

*Presence:* [0..1]

*Definition:* Expiry date of the card or payment token.

*Datatype:* "ISOYearMonth" on page 1869

#### **47.1.7.6.6 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.

*Datatype:* "Max104Text" on page 1859

#### **47.1.7.6.7 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.

*Datatype:* "Max35Text" on page 1864

#### **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 1862

#### **47.1.7.6.9 PANFourLastDigits <PANFourLastDgts>**

*Presence:* [0..1]

*Definition:* Last four digits of the PAN.

*Datatype:* "Max4NumericText" on page 1865

#### **47.1.7.6.10 Country <Ctry>**

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

ISO 8583 bit 20

Datatype: ["ISO3NumericCountryCode" on page 1820](#)

47.1.7.6.11 Currency <Ccy>

Presence: [0..1]  
Definition: Currency code assigned to the card by the card issuer.  
Impacted by: [C2 "ValidationByTable"](#)  
Datatype: ["ISO3NumericCurrencyCode" on page 1821](#)

Constraints

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

47.1.7.6.12 ProductType <PdctTp>

Presence: [0..1]  
Definition: Type of card product.  
Datatype: ["Max35Text" on page 1864](#)

47.1.7.6.13 ProductSubType <PdctSubTp>

Presence: [0..1]  
Definition: Subtype of card product.  
Datatype: ["Max35Text" on page 1864](#)

47.1.7.6.14 PortfolioIdentifier <Prtflldr>

Presence: [0..1]  
Definition: Identifies the card portfolio.  
Datatype: ["Max35Text" on page 1864](#)

47.1.7.6.15 AdditionalData <AddtlData>

Presence: [0..\*]  
Definition: Additional card issuer specific data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1" on page 1603](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.7.7 CardData13

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		1202
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <Prtfldr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

#### 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.

*Datatype:* "Max19NumericText" on page 1862

#### 47.1.7.7.2 ProtectedPAN <PrtctdPAN>

*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 1854):

- *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.

*Datatype:* "Min2Max3NumericText" on page 1868

**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.

*Datatype:* "ISOYearMonth" on page 1869

**47.1.7.7.5 ExpiryDate <XpryDt>**

*Presence:* [0..1]

*Definition:* Expiry date of the card or payment token.

*Datatype:* "ISOYearMonth" on page 1869

**47.1.7.7.6 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.

**Track2 <Trck2>** contains one of the following **Track2Data1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203

**47.1.7.7.6.1 TextValue <TxtVal>**

*Presence:* [1..1]

*Definition:* Value of track 2 data expressed in text form.

*Datatype:* "Max37Text" on page 1864

**47.1.7.7.6.2 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 1861

**47.1.7.7.7 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.

*Datatype:* "Max35Text" on page 1864

**47.1.7.7.8 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 1862

**47.1.7.7.9 CountryCode <CtryCd>**

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "ISO3NumericCountryCode" on page 1820

**47.1.7.7.10 ProductType <PdctTp>**

*Presence:* [0..1]

*Definition:* Type of card product.

*Datatype:* "Max35Text" on page 1864

**47.1.7.7.11 ProductSubType <PdctSubTp>**

*Presence:* [0..1]

*Definition:* Sub type of card product.

*Datatype:* "Max35Text" on page 1864

**47.1.7.7.12 PortfolioIdentifier <Prtflldr>**

*Presence:* [0..1]

*Definition:* Identifies the card portfolio.

*Datatype:* "Max35Text" on page 1864

**47.1.7.7.13 AdditionalCardData <AddtlCardData>**

*Presence:* [0..\*]

*Definition:* Additional card issuer specific data.

**AdditionalCardData <AddtlCardData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603



### 47.1.7.8 CardData11

*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		1205
	ProtectedPAN <PrtctdPAN>	[0..1]	Indicator		1205
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1206
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1206
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1206
	ServiceCode <SvcCd>	[0..1]	Text		1206
	Track1 <Trck1>	[0..1]	Text		1206
	Track2 <Trck2>	[0..1]			1206
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207
	Track3 <Trck3>	[0..1]	Text		1207
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1207
	PANAccountRange <PANAcctRg>	[0..1]	Text		1207
	Country <Ctry>	[0..1]	CodeSet		1207
	ProductType <PdctTp>	[0..1]	Text		1207
	ProductSubType <PdctSubTp>	[0..1]	Text		1208
	PortfolioIdentifier <Prtlldr>	[0..1]	Text		1208
	AdditionalData <AddtlData>	[0..*]	±		1208

#### 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.

*Datatype:* "Max19NumericText" on page 1862

#### 47.1.7.8.2 ProtectedPAN <PrtctdPAN>

*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 1854):

- *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.  
*Datatype:* ["Min2Max3NumericText"](#) on page 1868

**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.  
*Datatype:* ["ISOYearMonth"](#) on page 1869

**47.1.7.8.5 ExpiryDate <XpryDt>**

*Presence:* [0..1]  
*Definition:* Expiry date of the card or payment token.  
*Datatype:* ["ISOYearMonth"](#) on page 1869

**47.1.7.8.6 ServiceCode <SvcCd>**

*Presence:* [0..1]  
*Definition:* Service attached to the card as defined in ISO 7813.  
*Datatype:* ["Exact3NumericText"](#) on page 1858

**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.  
*Datatype:* ["Max76Text"](#) on page 1867

**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.

**Track2 <Trck2>** contains one of the following **Track2Data1Choice** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	TextValue <TxtVal>	[1..1]	Text		1207
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1207

#### 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 1864

#### 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 1861

#### 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.

*Datatype:* "Max104Text" on page 1859

#### 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.

*Datatype:* "Max35Text" on page 1864

#### 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 1862

#### 47.1.7.8.12 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country code assigned to the card by the card issuer.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 47.1.7.8.13 ProductType <PdctTp>

*Presence:* [0..1]

*Definition:* Type of card product.

Datatype: "Max35Text" on page 1864

47.1.7.8.14 ProductSubType <PdctSubTp>

Presence: [0..1]  
Definition: Subtype of card product.  
Datatype: "Max35Text" on page 1864

47.1.7.8.15 PortfolioIdentifier <Prtflldr>

Presence: [0..1]  
Definition: Identifies the card portfolio.  
Datatype: "Max35Text" on page 1864

47.1.7.8.16 AdditionalData <AddtlData>

Presence: [0..\*]  
Definition: Additional card issuer specific data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.8 Card Transaction

47.1.8.1 AddendumData6

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
	Sale <Sale>	[0..1]	±		1209
	Fleet <Fleet>	[0..1]	±		1209
	Invoice <Invc>	[0..1]	±		1213
	TravelAgency <TrvlAgcy>	[0..*]	±		1215
	PassengerTransport <PssngrTrnsprt>	[0..1]	±		1216
	VehicleRental <VhclRntl>	[0..*]	±		1217
	Lodging <Ldgg>	[0..*]	±		1219
	ShippingData <ShppgData>	[0..1]	±		1222
	TelecommunicationServices <TelecomSvcs>	[0..1]	±		1222
	TemporaryServices <TempSvcs>	[0..*]	±		1223
	AdditionalData <AddtlData>	[0..*]	±		1224

#### 47.1.8.1.1 Sale <Sale>

*Presence:* [0..1]

*Definition:* Details of good and services included in the sale.

**Sale <Sale>** contains the following elements (see "Sale3" on page 1443 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1444
	LoyaltyProgramme <LltyPrgrmm>	[0..1]	±		1444
	Adjustment <Adjstmnt>	[0..*]			1444
	Type <Tp>	[0..1]	Text		1445
	AdditionalType <AddtlTp>	[0..1]	Text		1445
	Description <Desc>	[0..1]	Text		1445
	Reason <Rsn>	[0..1]	Text		1445
	PromotionCode <Prmtncd>	[0..1]	Text		1445
	Percentage <Pctg>	[0..1]	Rate		1445
	Amount <Amt>	[0..1]	Amount		1446
	TaxOnOriginalAmount <TaxOnOrgnlAmt>	[0..1]	Indicator		1446
	LineItem <Lineitm>	[0..*]	±		1446

#### 47.1.8.1.2 Fleet <Fleet>

*Presence:* [0..1]

*Definition:* Fleet data pertaining to the payment transaction.

**Fleet <Fleet>** contains the following elements (see "FleetData6" on page 1351 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Driver <Drvr>	[0..1]			1355
	Name <Nm>	[0..1]	Text		1355
	Identification <Id>	[0..1]	Text		1356
	LicenseType <LicTp>	[0..1]	Text		1356
	LicenseForm <LicForm>	[0..1]	CodeSet		1356
	LicenseIdentification <LicId>	[0..1]	Text		1356
	LicenseAssigner <LicAssgnr>	[0..1]	CodeSet		1356
	LicenseIssuanceDate <LicIssncDt>	[0..1]	Date		1356
	LicenseExpirationDate <LicXprtnDt>	[0..1]	Date		1357
	LicenseCountry <LicCtry>	[0..1]	CodeSet		1357
	LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>	[0..1]	CodeSet		1357
	LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>	[0..1]	CodeSet		1357
	LicenseOtherAuthority <LicOthrAuthrty>	[0..1]	Text		1357
	Employer <Mplyr>	[0..1]	Text		1357
	EmployeeIdentification <Mplyeeld>	[0..1]	Text		1357
	DepartmentNumber <DeptNb>	[0..1]	Text		1357
	AdditionalIdentification <AddtlId>	[0..*]			1358
	Type <Tp>	[1..1]	CodeSet		1358
	Form <Form>	[0..1]	CodeSet		1359
	Identification <Id>	[1..1]	Text		1359
	Assigner <Assgnr>	[0..1]	Text		1359
	IssuanceDate <IssncDt>	[0..1]	Date		1359
	ExpirationDate <XprtnDt>	[0..1]	Date		1359
	Country <Ctry>	[0..1]	CodeSet		1359
	DateOfBirth <DtOfBirth>	[0..1]	Date		1359
	AdditionalData <AddtlData>	[0..1]	±		1360
	Vehicle <Vhcl>	[0..1]			1360
	Number <Nb>	[0..1]	Text		1362
	IdentificationNumber <IdNb>	[0..1]	Text		1362
	FleetNumber <FleetNb>	[0..1]	Text		1362

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubFleetNumber <SubFleetNb>	[0..1]	Text		1362
	UnitNumber <UnitNb>	[0..1]	Text		1362
	TrailerNumber <TrlrNb>	[0..1]	Text		1362
	Tag <Tag>	[0..1]	Text		1362
	TagEntryMode <TagNtryMd>	[0..1]	CodeSet		1363
	Replacement <Rplcmnt>	[0..1]	Indicator		1363
	Odometer <Odmtr>	[0..1]	Quantity		1363
	Hubometer <Hbmtr>	[0..1]	Quantity		1363
	MaintenancIdentification <Mntncld>	[0..1]	Text		1364
	OnBoardDiagnostics <OnBrdDgnstcs>	[0..1]			1364
	EngineIdleTime <NgnIdleTm>	[0..1]	Quantity		1364
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1365
	EngineHours <NgnHrs>	[0..1]	Quantity		1365
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1365
	EngineLoad <NgnLd>	[0..1]	Text		1365
	EngineRPM <NgnRPM>	[0..1]	Text		1365
	EngineOilTemperature <NgnOilTmprtr>	[0..1]	Quantity		1365
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1365
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1366
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1366
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1366
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1366
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1366
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1366
	RefrigerationTemperature <RfrgrtnTmprtr>	[0..1]	Quantity		1366
	CoolantTemperature <CoolntTmprtr>	[0..1]	Quantity		1366
	BatteryVoltage <BttryVltg>	[0..1]	Text		1367
	HardBraking <HardBrakg>	[0..1]	Text		1367
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntryMode <NtryMd>	[0..1]	CodeSet		1367
	Data <Data>	[1..1]	Text		1368
	DriverOrVehicleCard <DrvrOrVhclCard>	[0..1]			1368
	Identification <Id>	[0..1]	Text		1368
	AdditionalData <AddtlData>	[0..*]	±		1368
	CardFuelPromptCode <CardFuelPrmptCd>	[0..1]	Quantity		1369
	AgentFuelPromptCode <AgtFuelPrmptCd>	[0..1]	Text		1369
	TripNumber <TripNb>	[0..1]	Text		1369
	TripJobNumber <TripJobNb>	[0..1]	Text		1369
	TripWorkOrder <TripWorkOrdr>	[0..1]	Text		1369
	TripInvoiceNumber <TripInvcNb>	[0..1]	Text		1369
	TripBillingIdentification <TripBllgld>	[0..1]	Text		1369
	TripControlNumber <TripCtrlNb>	[0..1]	Text		1369
	TripDeliveryTicketNumber <TripDlvyTcktNb>	[0..1]	Text		1370
	LocalAmenity <LclAmnty>	[0..*]			1370
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1371
	AvailableIndicator <AvlblInd>	[0..1]	Indicator		1371
	TransactionRelatedData <TxRltdData>	[0..*]			1371
	PurchaseType <PurchsTp>	[0..1]	CodeSet		1371
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1372
	DiscountTotalAmount <DscntTtlAmt>	[0..1]	Amount		1372
	DiscountTotalFuelAmount <DscntTtlFuelAmt>	[0..1]	Amount		1372
	DiscountTotalNonFuelAmount <DscntTtlNonFuelAmt>	[0..1]	Amount		1372
	TotalAmount <TtlAmt>	[0..1]	Amount		1372
	TaxTotal <TaxTtl>	[0..*]	±		1372
	AdditionalEnteredData <AddtlNtrdData>	[0..1]			1373
	Numeric <Nmrc>	[0..1]	Text		1373
	AlphaNumeric <AlphaNmrc>	[0..1]	Text		1373
	AdditionalData <AddtlData>	[0..1]	Text		1373
	LineItem <Lineitm>	[0..*]	±		1374



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#### **47.1.8.1.3 Invoice <Invc>**

*Presence:* [0..1]

*Definition:* Invoice data pertaining to the payment transaction.

**Invoice <Invc>** contains the following elements (see "Invoice3" on page 1422 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Number <Nb>	[0..1]	Text		1424
	Date <Dt>	[0..1]	Date		1424
	CreationDateTime <CreDtTm>	[0..1]	DateTime		1424
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1424
	SellerName <SellrNm>	[0..1]	Text		1424
	SellerIdentification <SellrId>	[0..1]	±		1425
	SellerAddress <SellrAdr>	[0..1]	±		1425
	SellerContact <SellrCtct>	[0..1]			1425
	Name <Nm>	[0..1]	Text		1426
	GivenName <GvnNm>	[0..1]	Text		1426
	MiddleName <MddlNm>	[0..1]	Text		1426
	LastName <LastNm>	[0..1]	Text		1426
	Phone <Phne>	[0..1]	Text		1426
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1427
	TollFreePhone <TollFreePhne>	[0..1]	Text		1427
	Email <Email>	[0..1]	Text		1427
	Fax <Fax>	[0..1]	Text		1427
	URL <URL>	[0..1]	Text		1427
	Language <Lang>	[0..1]	CodeSet		1427
	SellerTaxRegistrationIdentification <SellrTaxRegnId>	[0..1]	Text		1427
	SellerAdditionalInformation <SellrAddtlInf>	[0..1]	Text		1427
	BuyerName <BuyrNm>	[0..1]	Text		1428
	BuyerIdentification <BuyrId>	[0..1]	±		1428
	BuyerAddress <BuyrAdr>	[0..1]	±		1428
	BuyerContact <BuyrCtct>	[0..1]			1429
	Name <Nm>	[0..1]	Text		1429
	GivenName <GvnNm>	[0..1]	Text		1429
	MiddleName <MddlNm>	[0..1]	Text		1429
	LastName <LastNm>	[0..1]	Text		1429
	Phone <Phne>	[0..1]	Text		1430
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1430

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TollFreePhone <TollFreePhne>	[0..1]	Text		1430
	Email <Email>	[0..1]	Text		1430
	Fax <Fax>	[0..1]	Text		1430
	URL <URL>	[0..1]	Text		1430
	Language <Lang>	[0..1]	CodeSet		1430
	BuyerTaxRegistrationIdentification <BuyrTaxRegnId>	[0..1]	Text		1430
	BuyerAdditionalInformation <BuyrAddtlInf>	[0..1]	Text		1430
	FreightAmount <FrghtAmt>	[0..1]	Amount		1431
	TaxTotal <TaxTtl>	[0..*]	±		1431
	TaxReclaimMethod <TaxRclmMtd>	[0..1]	CodeSet		1431
	AdditionalData <AddtlData>	[0..*]	±		1432
	LineItem <LineItem>	[0..*]	±		1432

#### 47.1.8.1.4 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 "TravelAgency4" on page 1335 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Code <Cd>	[0..1]	Text		1336
	Assigner <Assgnr>	[0..1]	Text		1336
	IATACode <IATACd>	[0..1]	Text		1336
	Name <Nm>	[0..1]	Text		1337
	ShortName <ShrtNm>	[0..1]	Text		1337
	Address <Adr>	[0..1]	±		1337
	Contact <Ctct>	[0..1]			1337
	Name <Nm>	[0..1]	Text		1338
	GivenName <GvnNm>	[0..1]	Text		1338
	MiddleName <MddlNm>	[0..1]	Text		1338
	LastName <LastNm>	[0..1]	Text		1338
	Phone <Phne>	[0..1]	Text		1338
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1339
	TollFreePhone <TollFreePhne>	[0..1]	Text		1339
	Email <Email>	[0..1]	Text		1339
	Fax <Fax>	[0..1]	Text		1339
	URL <URL>	[0..1]	Text		1339
	Language <Lang>	[0..1]	CodeSet		1339
	TravelPackage <TrvlPackg>	[0..*]	±		1339
	AdditionalData <AddtlData>	[0..*]	±		1340

#### 47.1.8.1.5 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 "PassengerTransport3" on page 1288 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentNumber <DocNb>	[0..1]	Text		1289
	ReservationSystem <RsvatnSys>	[0..1]	Text		1290
	ReservationNumber <RsvatnNb>	[0..1]	Text		1290
	OriginalReservationSystem <OrgnlRsvatnSys>	[0..1]	Text		1290
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1290
	TravelAuthorisationCode <TrvlAuthstnCd>	[0..1]	Text		1290
	TicketIssuer <Tcktlssr>	[0..1]	Text		1290
	OpenTicket <OpnTckt>	[0..1]	Indicator		1290
	CustomerReference <CstmrRef>	[0..*]			1290
	Identification <Id>	[0..1]	Text		1291
	Detail <Dtl>	[0..1]	Text		1291
	Passenger <Pssngr>	[0..*]	±		1291
	Departure <Dprtur>	[0..1]	±		1292
	Duration <Drtn>	[0..1]	Text		1293
	Insurance <Insrnc>	[0..1]	Indicator		1293
	TotalAmount <TtlAmt>	[0..*]			1293
	Type <Tp>	[0..1]	CodeSet		1293
	OtherType <OthrTp>	[0..1]	Text		1294
	Amount <Amt>	[1..1]	Amount		1294
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1295
	Tax <Tax>	[0..*]	±		1295
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1295
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1295
	TripLeg <TripLeg>	[0..*]	±		1296
	AncillaryPurchase <AncllryPurchs>	[0..*]	±		1298
	HiredVehicleDetails <HirdVhclDtls>	[0..*]	±		1299
	AdditionalData <AddtlData>	[0..*]	±		1299

#### 47.1.8.1.6 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 "VehicleRentalService3" on page 1299 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompanyName <CpnyNm>	[0..1]	Text		1300
	CompanyIdentification <CpnyId>	[0..1]	±		1301
	CompanyAddress <CpnyAdr>	[0..1]	±		1301
	CompanyContact <CpnyCtct>	[0..1]			1301
	Name <Nm>	[0..1]	Text		1302
	GivenName <GvnNm>	[0..1]	Text		1302
	MiddleName <MddlNm>	[0..1]	Text		1302
	LastName <LastNm>	[0..1]	Text		1302
	Phone <Phne>	[0..1]	Text		1302
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1303
	TollFreePhone <TollFreePhne>	[0..1]	Text		1303
	Email <Email>	[0..1]	Text		1303
	Fax <Fax>	[0..1]	Text		1303
	URL <URL>	[0..1]	Text		1303
	Language <Lang>	[0..1]	CodeSet		1303
	CompanyType <CpnyTp>	[0..1]	CodeSet		1303
	CompanyOtherType <CpnyOthrTp>	[0..1]	Text		1304
	RenterName <RntrNm>	[1..1]	Text		1304
	RenterCorporateName <RntrCorpNm>	[0..1]	Text		1304
	RenterCorporateIdentifier <RntrCorpldr>	[1..1]	Text		1304
	RenterCorporateIdentifierAssigner <RntrCorpldrAssgnr>	[0..1]	CodeSet		1304
	PrimaryDriver <PmryDrvr>	[0..1]	±		1305
	AdditionalDriver <AddtlDrvr>	[0..*]	±		1307
	LoyaltyProgramme <LltyPrgrmm>	[0..1]	±		1309
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1309
	RentalAgreement <RntlAgrmt>	[0..1]	±		1309
	RentalInvoice <RntlInvc>	[0..1]	±		1310
	AdditionalData <AddtlData>	[0..*]	±		1311

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#### **47.1.8.1.7 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 "Lodging4" on page 1254 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FolioNumber <FolioNb>	[0..1]	Text		1257
	PropertyType <PrprtyTp>	[0..1]	CodeSet		1257
	PropertyOtherType <PrprtyOthrTp>	[0..1]	Text		1257
	PrestigiousProperty <PrstgsPrprty>	[0..1]	Text		1258
	PropertyName <PrprtyNm>	[0..1]	Text		1258
	PropertyIdentification <PrprtyId>	[0..1]	±		1258
	PropertyLocation <PrprtyLctn>	[0..1]			1258
	Code <Cd>	[0..1]	Text		1259
	Name <Nm>	[0..1]	Text		1259
	Description <Desc>	[0..1]	Text		1259
	Address <Adr>	[0..1]	±		1259
	LocalTimeZone <LclTmZone>	[0..1]	Text		1259
	LocalCurrency <LclCcy>	[0..1]	CodeSet	C2	1260
	PropertyAssigner <PrprtyAssgnr>	[0..1]	CodeSet		1260
	PropertyContact <PrprtyCtct>	[0..1]			1260
	Name <Nm>	[0..1]	Text		1261
	GivenName <GvnNm>	[0..1]	Text		1261
	MiddleName <MddlNm>	[0..1]	Text		1261
	LastName <LastNm>	[0..1]	Text		1261
	Phone <Phne>	[0..1]	Text		1261
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1262
	TollFreePhone <TollFreePhne>	[0..1]	Text		1262
	Email <Email>	[0..1]	Text		1262
	Fax <Fax>	[0..1]	Text		1262
	URL <URL>	[0..1]	Text		1262
	Language <Lang>	[0..1]	CodeSet		1262
	PropertyCountry <PrprtyCtry>	[0..1]	CodeSet		1262
	PropertyFireSafetyAct <PrprtyFireSftyAct>	[0..1]	Indicator		1262
	CustomerName <CstmrNm>	[0..1]	Text		1263
	CustomerIdentification <CstmrId>	[0..1]	±		1263
	CustomerFileReferenceNumber <CstmrFileRefNb>	[0..1]	Text		1263



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerAge <CstmrAge>	[0..1]	Text		1263
	CustomerAddress <CstmrAdr>	[0..1]	±		1264
	CustomerContact <CstmrCtct>	[0..1]			1264
	Name <Nm>	[0..1]	Text		1265
	GivenName <GvnNm>	[0..1]	Text		1265
	MiddleName <MddlNm>	[0..1]	Text		1265
	LastName <LastNm>	[0..1]	Text		1265
	HomePhone <HomePhne>	[0..1]	Text		1266
	BusinessPhone <BizPhne>	[0..1]	Text		1266
	MobilePhone <MobPhne>	[0..1]	Text		1266
	OtherPhone <OthrPhne>	[0..1]	Text		1266
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1266
	BusinessEmail <BizEmail>	[0..1]	Text		1266
	OtherEmail <OthrEmail>	[0..1]	Text		1266
	HomeFax <HomeFax>	[0..1]	Text		1266
	BusinessFax <BizFax>	[0..1]	Text		1266
	URL <URL>	[0..1]	Text		1267
	Language <Lang>	[0..1]	CodeSet		1267
	NumberOfRooms <NbOfRooms>	[0..1]	Text		1267
	Room <Room>	[0..*]	±		1267
	Duration <Drtn>	[0..1]	Text		1267
	Arrival <Arrvl>	[0..1]	±		1267
	Departure <Dprturt>	[0..1]	±		1268
	NoShow <NoShow>	[0..1]	Indicator		1268
	Insurance <Insrnc>	[0..1]	Indicator		1268
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1268
	TotalTax <TtlTax>	[0..*]	±		1269
	TotalAmount <TtlAmt>	[0..1]	Amount		1269
	AuthorisedAmount <AuthrsdAmt>	[0..*]	±		1269
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1269
	LoyaltyProgramme <LtyPrgrmm>	[0..*]	±		1270

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]	±		1270
	LineItem <Lineitm>	[0..*]	±		1270

#### 47.1.8.1.8 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 "[ShippingData3](#)" on page 1346 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceNumber <InvNb>	[0..1]	Text		1347
	InvoiceCreationDateTime <InvCreDtTm>	[0..1]	DateTime		1347
	ServiceDescriptorCode <SvcDscrptrCd>	[0..1]	Text		1347
	IncentiveAmount <IncntivAmt>	[0..1]	Amount		1347
	MiscellaneousExpenses <MiscExpnss>	[0..1]	Amount		1347
	Insurance <Insrnc>	[0..1]	Indicator		1348
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1348
	NetAmount <NetAmt>	[0..1]	Amount		1348
	Tax <Tax>	[0..*]	±		1348
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1348
	NumberOfPackages <NbOfPackgs>	[0..1]	Text		1349
	Package <Packg>	[0..*]	±		1349
	AdditionalData <AddtlData>	[0..*]	±		1351

#### 47.1.8.1.9 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 "TelecomServices3" on page 1285 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerAccountNumber <CstmrAcctNb>	[0..1]	Text		1285
	CustomerName <CstmrNm>	[0..1]	Text		1285
	CustomerPhone <CstmrPhne>	[0..1]	Text		1285
	BillingStart <BllgStart>	[0..1]	Date		1285
	BillingEnd <BllgEnd>	[0..1]	Date		1285
	BillingEvent <BllgEvt>	[0..*]	±		1286
	TotalTax <TtlTax>	[0..*]	±		1286
	LineItem <LineItem>	[0..*]	±		1286
	AdditionalData <AddtlData>	[0..*]	±		1287

#### 47.1.8.1.10 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 "TemporaryServices3" on page 1417 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompanyName <CpnyNm>	[0..1]	Text		1418
	CompanyDepartment <CpnyDept>	[0..1]	Text		1418
	CompanyIdentification <CpnyId>	[0..1]	±		1418
	CompanySupervisor <CpnySprvsr>	[0..1]	Text		1418
	EmployeePersonalIdentification <MplyeePrsnlId>	[0..1]	Text		1418
	EmployeeIdentification <MplyeeId>	[0..1]	Text		1418
	EmployeeName <MplyeeNm>	[0..1]	Text		1419
	EmployeeProfessionalLevel <MplyeePrfssnlLvl>	[0..1]	Text		1419
	JobCode <JobCd>	[0..1]	Text		1419
	JobDescription <JobDesc>	[0..1]	Text		1419
	JobStartDate <JobStartDt>	[0..1]	Date		1419
	JobDuration <JobDrtn>	[0..1]	Text		1419
	JobEndDate <JobEndDt>	[0..1]	Date		1419
	FlatRateIndicator <FlatRateInd>	[0..1]	Indicator		1419
	DiscountAmount <DscntAmt>	[0..1]	Amount		1420
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1420
	TimeSheet <TmSheet>	[0..1]	Text		1420
	WeekEnding <WkEndg>	[0..1]	Date		1420
	Charge <Chrg>	[0..*]	±		1420
	MiscellaneousExpenses <MiscExpnss>	[0..*]	±		1420
	SubtotalAmount <SbttlAmt>	[0..1]	Amount		1421
	Tax <Tax>	[0..*]	±		1421
	AdditionalData <AddtlData>	[0..*]	±		1421

#### 47.1.8.1.11 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional data for the addendum.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData2](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

#### 47.1.8.2 EnvelopedData12

*Definition:* Encrypted data with encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1225
	Recipient <Rcpt>	[1..*]	±		1225
	EncryptedContent <NcrptdCntt>	[0..1]	±		1225

##### 47.1.8.2.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "[Number](#)" on page 1856

##### 47.1.8.2.2 Recipient <Rcpt>

*Presence:* [1..\*]

*Definition:* Session key or identification of the protection key used by the recipient.

**Recipient <Rcpt>** contains one of the following elements (see "[Recipient7Choice](#)" on page 1473 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	KeyTransport <KeyTrnsprt>	[1..1]	±		1474
Or	KEK <KEK>	[1..1]	±		1474
Or}	KeyIdentifier <KeyIdr>	[1..1]	±		1474

##### 47.1.8.2.3 EncryptedContent <NcrptdCntt>

*Presence:* [0..1]

*Definition:* Encrypted data with an encryption key.

**EncryptedContent <NcrptdCntt>** contains the following elements (see "EncryptedContent8" on page 1230 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1230
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]	±		1230
	EncryptedDataElement <NcrptdDataElmt>	[1..*]	±		1231

### 47.1.8.3 EncryptedDataElement2

*Definition:* Structure to encrypt data elements.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1226
	Data <Data>	[1..1]	±		1226
	ClearTextFormat <ClearTxtFrmt>	[0..1]	CodeSet		1226
	OtherClearTextFormat <OthrClearTxtFrmt>	[0..1]	Text		1227

#### 47.1.8.3.1 Identification <Id>

*Presence:* [0..1]

*Definition:* identification of the element that has been encrypted.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.3.2 Data <Data>

*Presence:* [1..1]

*Definition:* Encrypted data element.

**Data <Data>** contains one of the following elements (see "EncryptedData2Choice" on page 1227 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Binary <Binry>	[1..1]	Binary		1227
Or}	HexadecimalBinary <HexBinry>	[1..1]	Text		1227

#### 47.1.8.3.3 ClearTextFormat <ClearTxtFrmt>

*Presence:* [0..1]

*Definition:* Format of the raw data prior to encryption.

*Datatype:* "EncryptedDataFormat1Code" on page 1810

CodeName	Name	Definition
ASCI	ASCII	ASCII Format.
BINF	Binary	Binary format.

CodeName	Name	Definition
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.

#### 47.1.8.3.4 OtherClearTextFormat <OthrClearTxtFrmt>

*Presence:* [0..1]

*Definition:* Other national or private format of the raw data prior to encryption.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.4 EncryptedData2Choice

*Definition:* Choice between binary and hexadecimal binary for encrypted data of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	Binary <Binry>	[1..1]	Binary		1227
Or}	HexadecimalBinary <HexBinry>	[1..1]	Text		1227

##### 47.1.8.4.1 Binary <Binry>

*Presence:* [1..1]

*Definition:* BASE-64 encoded encrypted data.

*Datatype:* "Max100KBinary" on page 1783

##### 47.1.8.4.2 HexadecimalBinary <HexBinry>

*Presence:* [1..1]

*Definition:* Hexadecimal binary encoded encrypted data.

*Datatype:* "Max9999HexBinaryText" on page 1868

#### 47.1.8.5 EncryptedData2

*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.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1228
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1228
	DerivedInformation <DrvdInf>	[0..1]	Text		1228
	Algorithm <Algo>	[0..1]	Text		1228
	KeyLength <KeyLngth>	[0..1]	Text		1229
	KeyProtection <KeyPrctn>	[0..1]	Text		1229
	KeyIndex <KeyIndx>	[0..1]	Text		1229
	PaddingMethod <PddgMtd>	[0..1]	Text		1229
	EncryptedFormat <NcrptdFrmt>	[0..1]	Text		1229
	EncryptedElement <NcrptdElmt>	[1..*]	±		1229

#### 47.1.8.5.1 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 1857

#### 47.1.8.5.2 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 1867

#### 47.1.8.5.3 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 1863

#### 47.1.8.5.4 Algorithm <Algo>

*Presence:* [0..1]

*Definition:* Defines the algorithm used for encryption.

See ISO 13492 Algorithm field for values.

*Datatype:* "Max2NumericText" on page 1863



#### **47.1.8.5.5 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 1865

#### **47.1.8.5.6 KeyProtection <KeyPrtn>**

*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 1863

#### **47.1.8.5.7 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 1866

#### **47.1.8.5.8 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 1863

#### **47.1.8.5.9 EncryptedFormat <NcrptdFrmt>**

*Presence:* [0..1]

*Definition:* Identifies the format of the structured data when the encrypted data block contains more than one data element.

*Datatype:* "Max2NumericText" on page 1863

#### **47.1.8.5.10 EncryptedElement <NcrptdElmt>**

*Presence:* [1..\*]

*Definition:* Encrypted data element information.

**EncryptedElement <NcrptdElmt>** contains the following elements (see "[EncryptedDataElement2](#)" on page 1226 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1226
	Data <Data>	[1..1]	±		1226
	ClearTextFormat <ClearTxtFrmt>	[0..1]	CodeSet		1226
	OtherClearTextFormat <OthrClearTxtFrmt>	[0..1]	Text		1227

#### 47.1.8.6 EncryptedContent8

*Definition:* Encrypted data with an encryption key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ContentType <CnttTp>	[1..1]	CodeSet		1230
	ContentEncryptionAlgorithm <CnttNcrptnAlgo>	[1..1]	±		1230
	EncryptedDataElement <NcrptdDataElmt>	[1..*]	±		1231

##### 47.1.8.6.1 ContentType <CnttTp>

*Presence:* [1..1]

*Definition:* Type of data which have been encrypted.

*Datatype:* "[ContentType2Code](#)" on page 1807

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).

##### 47.1.8.6.2 ContentEncryptionAlgorithm <CnttNcrptnAlgo>

*Presence:* [1..1]

*Definition:* Algorithm used to encrypt the data.

**ContentEncryptionAlgorithm <CnttNcrptnAlgo>** contains the following elements (see "AlgorithmIdentification25" on page 1153 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1154
	Parameter <Param>	[0..1]	±		1155

#### 47.1.8.6.3 EncryptedDataElement <NcrptdDataElmt>

*Presence:* [1..\*]

*Definition:* Encrypted data, result of the content encryption.

**EncryptedDataElement <NcrptdDataElmt>** contains the following elements (see "EncryptedDataElement2" on page 1226 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1226
	Data <Data>	[1..1]	±		1226
	ClearTextFormat <ClearTxtFrmt>	[0..1]	CodeSet		1226
	OtherClearTextFormat <OthrClearTxtFrmt>	[0..1]	Text		1227

#### 47.1.8.7 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		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <RsIt>	[0..1]	CodeSet		1232
	OtherResult <OthrRsIt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

##### 47.1.8.7.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of additional service applied to the transaction.

*Datatype:* "AdditionalServiceType2Code" on page 1792

CodeName	Name	Definition
CACT	CardActivation	Card activation
CSHB	CashBack	Purchase of goods or services with cashback
DCCV	DCC	Dynamic Currency Conversion (DCC)

CodeName	Name	Definition
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.

#### 47.1.8.7.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other additional service applied to the transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.7.3 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result from performing the identified service.

*Datatype:* "AdditionalServiceResult1Code" on page 1792

CodeName	Name	Definition
NOPF	NotPerformed	The service was not performed.
NOSP	NotSupported	The service is not supported and could not be performed.
OTHN	OtherNational	Other nationally defined code.
OTHP	OtherPrivate	Other privately defined code.
PERF	Performed	The service was performed.

#### 47.1.8.7.4 OtherResult <OthrRslt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined additional service result code.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.7.5 ServiceDetail <SvcDtl>

*Presence:* [0..\*]

*Definition:* Contains additional information for the execution or results of the service.

**ServiceDetail <SvcDtl>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.8.8 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		1233
	OdometerStart <OdmtrStart>	[0..1]	Text		1233
	OdometerReturn <OdmtrRtr>	[0..1]	Text		1233
	TotalDistance <TtlDstnc>	[0..1]	Text		1233
	FreeDistance <FreeDstnc>	[0..1]	Text		1234
	Rate <Rate>	[0..1]	Amount		1234

##### 47.1.8.8.1 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure used to compute the distance.

*Datatype:* ["UnitOfMeasure10Code"](#) on page 1850

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.

##### 47.1.8.8.2 OdometerStart <OdmtrStart>

*Presence:* [0..1]

*Definition:* Odometer reading at start of rental (at the time of vehicle check-out).

*Datatype:* ["Max10NumericText"](#) on page 1860

##### 47.1.8.8.3 OdometerReturn <OdmtrRtr>

*Presence:* [0..1]

*Definition:* Odometer reading at return of rental (at the time of vehicle check-in).

*Datatype:* ["Max10NumericText"](#) on page 1860

##### 47.1.8.8.4 TotalDistance <TtlDstnc>

*Presence:* [0..1]

*Definition:* Total distance expressed in unit of measure.

*Datatype:* "Max10NumericText" on page 1860

**47.1.8.8.5 FreeDistance <FreeDstnc>**

*Presence:* [0..1]

*Definition:* Maximum free miles or kilometres for the car rental period.

*Datatype:* "Max10NumericText" on page 1860

**47.1.8.8.6 Rate <Rate>**

*Presence:* [0..1]

*Definition:* Defines the rate in relation to a specific distance.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

**47.1.8.9 DepartureOrArrival2**

*Definition:* Contains departure or arrival information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CarrierCode <CrrierCd>	[0..1]	Text		1234
	RouteNumber <RouteNb>	[0..1]	Text		1234
	Date <Dt>	[0..1]	Date		1234
	Time <Tm>	[0..1]	Time		1234

**47.1.8.9.1 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 1864

**47.1.8.9.2 RouteNumber <RouteNb>**

*Presence:* [0..1]

*Definition:* Route number (for example, flight number, bus number, train route or number, etc.)

*Datatype:* "Max35NumericText" on page 1864

**47.1.8.9.3 Date <Dt>**

*Presence:* [0..1]

*Definition:* Departure or arrival date.

*Datatype:* "ISODate" on page 1854

**47.1.8.9.4 Time <Tm>**

*Presence:* [0..1]

*Definition:* Departure or arrival time.

Datatype: "ISOTime" on page 1869

47.1.8.10 DepartureOrArrival1

Definition: Contains departure or arrival information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1235
	Description <Desc>	[0..1]	Text		1235
	Date <Dt>	[0..1]	Date		1235
	Time <Tm>	[0..1]	Time		1235

47.1.8.10.1 Location <Lctn>

Presence: [0..1]

Definition: Departure or arrival location (for example, city, airport code, station id, etc).

Datatype: "Max70Text" on page 1867

47.1.8.10.2 Description <Desc>

Presence: [0..1]

Definition: Specific explanation of the location or directions.

Datatype: "Max256Text" on page 1863

47.1.8.10.3 Date <Dt>

Presence: [0..1]

Definition: Departure or arrival date.

Datatype: "ISODate" on page 1854

47.1.8.10.4 Time <Tm>

Presence: [0..1]

Definition: Departure or arrival time.

Datatype: "ISOTime" on page 1869

47.1.8.11 VehicleRentalAgreement3

Definition: Agreement (contract) related to a vehicle rental service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Number <Nb>	[0..1]	Text		1236
	Adjusted <Adjstd>	[0..1]	Indicator		1236
	RentalLocation <RntlLctn>	[0..1]	±		1237
	PickupLocation <PckpLctn>	[0..*]	±		1237
	CheckOutDate <ChckOutDt>	[0..1]	Date		1238
	CheckOutTime <ChckOutTm>	[0..1]	Time		1238
	ReturnLocation <RtrLctn>	[0..1]	±		1238
	CheckInDate <ChckInDt>	[0..1]	Date		1239
	CheckInTime <ChckInTm>	[0..1]	Time		1239
	Duration <Drtn>	[0..1]	Text		1239
	Class <Clss>	[0..1]	Text		1239
	Make <Make>	[0..1]	Text		1239
	Model <Mdl>	[0..1]	Text		1240
	RegistrationNumber <RegnNb>	[0..1]	Text		1240
	TravelDistance <TrvlDstnc>	[0..1]	±		1240
	RentalRate <RntlRate>	[0..*]	±		1240
	RentalDetails <RntlDtls>	[0..1]	±		1240
	Insurance <Insrnc>	[0..1]	Indicator		1242
	AdditionalAmount <AddtlAmt>	[0..*]	±		1242
	EstimatedTax <EstmtdTax>	[0..*]	±		1243
	DiscountProgramme <DscntPrgrmm>	[0..*]			1243
	Type <Tp>	[0..1]	Text		1243
	Value <Val>	[1..1]	Text		1244
	LoyaltyProgramme <LltyPrgrmm>	[0..*]	±		1244

#### 47.1.8.11.1 Number <Nb>

*Presence:* [0..1]

*Definition:* Contains the original vehicle rental agreement, invoice or contract number.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.11.2 Adjusted <Adjstd>

*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 1854):

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

#### 47.1.8.11.3 RentalLocation <RntlLctn>

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

**Definition:** Contains the vehicle rental location.

**RentalLocation <RntlLctn>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.11.4 PickupLocation <PckpLctn>

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

**Definition:** Used when different than rental location

**PickupLocation <PckpLctn>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.11.5 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 1854

#### 47.1.8.11.6 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 1869

#### 47.1.8.11.7 ReturnLocation <RtrLctn>

*Presence:* [0..1]

*Definition:* Location to which vehicle was returned.

**ReturnLocation <RtrLctn>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.11.8 CheckInDate <ChckInDt>

*Presence:* [0..1]

*Definition:* Date when the vehicle was returned to the rental agency.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.11.9 CheckInTime <ChckInTm>

*Presence:* [0..1]

*Definition:* Time when the vehicle was returned to the rental agency.

*Datatype:* "ISOTime" on page 1869

#### 47.1.8.11.10 Duration <Drtn>

*Presence:* [0..1]

*Definition:* Duration of rental in days.

*Datatype:* "Max4NumericText" on page 1865

#### 47.1.8.11.11 Class <Clss>

*Presence:* [0..1]

*Definition:* Contains the classification of the vehicle (for example, economy, intermediate, luxury, etc.)

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.11.12 Make <Make>

*Presence:* [0..1]

*Definition:* Brand or manufacturer of the vehicle.

*Datatype:* "Max35NumericText" on page 1864

**47.1.8.11.13 Model <Mdl>**

*Presence:* [0..1]

*Definition:* Product line of vehicle within the make.

*Datatype:* "Max35NumericText" on page 1864

**47.1.8.11.14 RegistrationNumber <RegnNb>**

*Presence:* [0..1]

*Definition:* Registration number of vehicle.

*Datatype:* "Max35Text" on page 1864

**47.1.8.11.15 TravelDistance <TrvlDstnc>**

*Presence:* [0..1]

*Definition:* Distance travelled during vehicle rental.

**TravelDistance <TrvlDstnc>** contains the following elements (see "Distance1" on page 1233 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1233
	OdometerStart <OdmtrStart>	[0..1]	Text		1233
	OdometerReturn <OdmtrRtr>	[0..1]	Text		1233
	TotalDistance <TtlDstnc>	[0..1]	Text		1233
	FreeDistance <FreeDstnc>	[0..1]	Text		1234
	Rate <Rate>	[0..1]	Amount		1234

**47.1.8.11.16 RentalRate <RntlRate>**

*Presence:* [0..\*]

*Definition:* Vehicle rental rate.

**RentalRate <RntlRate>** contains the following elements (see "RentalRate2" on page 1689 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Period <Prd>	[0..1]	CodeSet		1689
	OtherPeriod <OthrPrd>	[0..1]	Text		1690
	Rate <Rate>	[0..1]	Amount		1690
	PeriodCount <PrdCnt>	[0..1]	Text		1690

**47.1.8.11.17 RentalDetails <RntlDtls>**

*Presence:* [0..1]

*Definition:* Vehicle rental details.

**RentalDetails <RntIDtls>** contains the following elements (see "RentalDetails3" on page 1386 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1388
	DateTime <DtTm>	[0..1]	DateTime		1388
	Start <Start>	[0..1]			1388
	Location <Lctn>	[0..1]	Text		1389
	LocationCode <LctnCd>	[0..1]	Text		1389
	Address <Adr>	[0..1]	±		1389
	Contact <Ctct>	[0..1]			1390
	Name <Nm>	[0..1]	Text		1390
	GivenName <GvnNm>	[0..1]	Text		1391
	MiddleName <MddlNm>	[0..1]	Text		1391
	LastName <LastNm>	[0..1]	Text		1391
	Phone <Phne>	[0..1]	Text		1391
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1391
	TollFreePhone <TollFreePhne>	[0..1]	Text		1391
	Email <Email>	[0..1]	Text		1391
	Fax <Fax>	[0..1]	Text		1391
	URL <URL>	[0..1]	Text		1392
	Language <Lang>	[0..1]	CodeSet		1392
	DateAndTime <DtAndTm>	[0..1]	DateTime		1392
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1392
	JourneyType <JrnyTp>	[0..1]	CodeSet		1392
	JourneyData <JrnyData>	[0..1]	Text		1392
	JourneyDateAndTime <JrnyDtAndTm>	[0..1]	DateTime		1393
	Return <Rtr>	[0..1]			1393
	Location <Lctn>	[0..1]	Text		1394
	LocationCode <LctnCd>	[0..1]	Text		1394
	Address <Adr>	[0..1]	±		1394
	Contact <Ctct>	[0..1]			1394
	Name <Nm>	[0..1]	Text		1395
	GivenName <GvnNm>	[0..1]	Text		1395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MiddleName <MddINm>	[0..1]	Text		1395
	LastName <LastNm>	[0..1]	Text		1395
	Phone <Phne>	[0..1]	Text		1395
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1396
	TollFreePhone <TollFreePhne>	[0..1]	Text		1396
	Email <Email>	[0..1]	Text		1396
	Fax <Fax>	[0..1]	Text		1396
	URL <URL>	[0..1]	Text		1396
	Language <Lang>	[0..1]	CodeSet		1396
	DateAndTime <DtAndTm>	[0..1]	DateTime		1396
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1396
	JourneyType <JrnyTp>	[0..1]	CodeSet		1397
	JourneyData <JrnyData>	[0..1]	Text		1397
	JourneyDateAndTime <JrnyDtAndTm>	[0..1]	DateTime		1397
	TimePeriod <TmPrd>	[0..*]	CodeSet		1397
	TimePeriodUnit <TmPrdUnit>	[0..1]	Text		1398
	TimePeriodRate <TmPrdRate>	[0..1]	Amount		1398
	Currency <Ccy>	[0..1]	CodeSet	C2	1398

#### 47.1.8.11.18 Insurance <Insrnc>

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.8.11.19 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 "Amount21" on page 1176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1177
	OtherType <OthrTp>	[0..1]	Text		1178
	Amount <Amt>	[0..1]	Amount		1178
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1178
	CustomerNotified <CstmrNtfd>	[0..1]	Indicator		1178

#### 47.1.8.11.20 EstimatedTax <EstmtdTax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**EstimatedTax <EstmtdTax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.11.21 DiscountProgramme <DscntPrgrmm>

*Presence:* [0..\*]

*Definition:* Discount applied to the vehicle rental.

**DiscountProgramme <DscntPrgrmm>** contains the following **Discount3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1243
	Value <Val>	[1..1]	Text		1244

##### 47.1.8.11.21.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Describes the type of discount applied to the transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.11.21.2 Value <Val>

*Presence:* [1..1]

*Definition:* Monetary value of the discount applied to the transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.11.22 LoyaltyProgramme <LltyPrgrmm>

*Presence:* [0..\*]

*Definition:* Details of loyalty programme outside the car rental company.

**LoyaltyProgramme <LltyPrgrmm>** contains the following elements (see "LoyaltyProgramme5" on page 1340 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Eligibility <Elgblty>	[0..*]	Indicator		1341
	Issuer <Issr>	[0..1]	Text		1341
	MemberName <MmbNm>	[0..1]	±		1341
	MemberAddress <MmbAdr>	[0..1]	±		1342
	MemberIdentification <Mmbld>	[0..1]	Text		1342
	MemberStatus <MmbSts>	[0..1]	Text		1342
	ExpirationDate <XprtnDt>	[0..1]	Date		1343
	Value <Val>	[0..1]	Text		1343
	ValueType <ValTp>	[0..1]	CodeSet		1343
	OtherValueType <OthrValTp>	[0..1]	Text		1343
	ValueToCredit <ValToCdt>	[0..1]	Text		1343
	ValueToDebit <ValToDbt>	[0..1]	Text		1343
	Balance <Bal>	[0..1]	Text		1343

#### 47.1.8.12 FleetLineItem5

*Definition:* Supplies additional transaction information for fleet transactions.



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Fuel <Fuel>	[1..1]	Indicator		1245
	ServiceType <SvcTp>	[0..1]	CodeSet		1245
	FuelBrandCode <FuelBrndCd>	[0..1]	Text		1246
	ProductCode <PdctCd>	[0..1]	Text		1246
	ProductCategory <PdctCtgy>	[0..1]	Text		1246
	ProductQualifier <PdctQlfr>	[0..1]	Text		1246
	ProductCodeAssigner <PdctCdAssgnr>	[0..1]	Text		1246
	UnitPriceTax <UnitPricTax>	[0..1]	Indicator		1246
	UnitPrice <UnitPric>	[0..1]	Amount		1247
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1247
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1248
	ProductQuantity <PdctQty>	[0..1]	Quantity		1248
	DiscountAmount <DscntAmt>	[0..1]	Amount		1248
	NonTaxable <NonTaxbl>	[0..1]	Indicator		1249
	Tax <Tax>	[0..*]	±		1249
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1249
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1249

#### 47.1.8.12.1 Fuel <Fuel>

*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 1854):

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

#### 47.1.8.12.2 ServiceType <SvcTp>

*Presence:* [0..1]

*Definition:* Type of service received at the acceptor location.

*Datatype:* ["FleetServiceType1Code"](#) on page 1814

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

#### 47.1.8.12.3 FuelBrandCode <FuelBrndCd>

*Presence:* [0..1]

*Definition:* Code that identifies the brand of the fuel purchased.

*Datatype:* "Max4Text" on page 1865

#### 47.1.8.12.4 ProductCode <PdctCd>

*Presence:* [0..1]

*Definition:* Product code of fleet product or service being purchased.

*Datatype:* "Max4Text" on page 1865

#### 47.1.8.12.5 ProductCategory <PdctCtgy>

*Presence:* [0..1]

*Definition:* Contains a code that identifies a category of fleet products or services.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.12.6 ProductQualifier <PdctQlfr>

*Presence:* [0..1]

*Definition:* Contains a code that identifies the product qualifier of the fleet product or service.

*Datatype:* "Max6Text" on page 1867

#### 47.1.8.12.7 ProductCodeAssigner <PdctCdAssgnr>

*Presence:* [0..1]

*Definition:* Contains a code that identifies the product code assigner.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.12.8 UnitPriceTax <UnitPricTax>

*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 1854):

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

#### 47.1.8.12.9 UnitPrice <UnitPric>

*Presence:* [0..1]

*Definition:* Unit price of the fleet line item.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.12.10 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure1Code" on page 1850

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.

CodeName	Name	Definition
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.

#### 47.1.8.12.11 OtherUnitOfMeasure <OthrUnitOfMeasr>

*Presence:* [0..1]

*Definition:* Other unit of measure.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.12.12 ProductQuantity <PdctQty>

*Presence:* [0..1]

*Definition:* Quantity of product or item.

*Datatype:* "DecimalNumber" on page 1855

#### 47.1.8.12.13 DiscountAmount <DscntAmt>

*Presence:* [0..1]

*Definition:* Contains the discount amount applied to the fleet transaction (includes coupons).

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.12.14 NonTaxable <NonTaxbl>

*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 1854):

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

#### 47.1.8.12.15 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.12.16 TotalAmountExcludingTax <TtlAmtExclgTax>

*Presence:* [0..1]

*Definition:* Total amount excluding tax.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.12.17 TotalAmountIncludingTax <TtlAmtInclgTax>

*Presence:* [0..1]

*Definition:* Total amount including tax.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.13 FleetLineItem6

*Definition:* Supplies additional transaction information for fleet transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedItem <Allwdltm>	[0..1]	Indicator		1250
	Fuel <Fuel>	[1..1]	Indicator		1250
	ServiceType <SvcTp>	[0..1]	CodeSet		1250
	ProductCategory <PdctCtgy>	[0..1]	Text		1251
	ProductCode <PdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1252
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1253
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1253

#### 47.1.8.13.1 AllowedItem <Allwdltm>

*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 1854):

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

#### 47.1.8.13.2 Fuel <Fuel>

*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 1854):

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

#### 47.1.8.13.3 ServiceType <SvcTp>

*Presence:* [0..1]

*Definition:* Type of service received at the acceptor location.

*Datatype:* "FleetServiceType1Code" on page 1814

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

#### 47.1.8.13.4 ProductCategory <PdctCtgy>

*Presence:* [0..1]

*Definition:* Contains a code that identifies a category of fleet products or services.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.13.5 ProductCode <PdctCd>

*Presence:* [0..1]

*Definition:* Code that identifies the type of fuel or non-fuel product or service being purchased.

*Datatype:* "Max15Text" on page 1861

#### 47.1.8.13.6 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure1Code" on page 1850

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.

#### 47.1.8.13.7 ProductQuantity <PdctQty>

*Presence:* [0..1]

*Definition:* Quantity of product or item.

*Datatype:* "DecimalNumber" on page 1855



**47.1.8.13.8 TotalAmountExcludingTax <TtlAmtExclgTax>***Presence:* [0..1]*Definition:* Total amount excluding tax.*Datatype:* "ImpliedCurrencyAndAmount" on page 1783**47.1.8.13.9 TotalAmountIncludingTax <TtlAmtInclgTax>***Presence:* [0..1]*Definition:* Total amount including tax.*Datatype:* "ImpliedCurrencyAndAmount" on page 1783**47.1.8.14 AddendumData7***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
	FleetLinItem <FleetLinItem>	[0..*]	±		1253
	AdditionalData <AddtlData>	[0..*]	±		1253

**47.1.8.14.1 FleetLinItem <FleetLinItem>***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.**FleetLinItem <FleetLinItem>** contains the following elements (see "FleetLinItem6" on page 1249 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AllowedItem <AllwdItem>	[0..1]	Indicator		1250
	Fuel <Fuel>	[1..1]	Indicator		1250
	ServiceType <SvcTp>	[0..1]	CodeSet		1250
	ProductCategory <PdctCtgy>	[0..1]	Text		1251
	ProductCode <PdctCd>	[0..1]	Text		1251
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1251
	ProductQuantity <PdctQty>	[0..1]	Quantity		1252
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1253
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1253

**47.1.8.14.2 AdditionalData <AddtlData>***Presence:* [0..\*]*Definition:* Contains additional data for the addendum.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData2" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

47.1.8.15 Lodging4

*Definition:* Lodging provides summary information about lodging accommodations and related expenses for the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FolioNumber <FolioNb>	[0..1]	Text		1257
	PropertyType <PrprtyTp>	[0..1]	CodeSet		1257
	PropertyOtherType <PrprtyOthrTp>	[0..1]	Text		1257
	PrestigiousProperty <PrstgsPrprty>	[0..1]	Text		1258
	PropertyName <PrprtyNm>	[0..1]	Text		1258
	PropertyIdentification <PrprtyId>	[0..1]	±		1258
	PropertyLocation <PrprtyLctn>	[0..1]			1258
	Code <Cd>	[0..1]	Text		1259
	Name <Nm>	[0..1]	Text		1259
	Description <Desc>	[0..1]	Text		1259
	Address <Adr>	[0..1]	±		1259
	LocalTimeZone <LclTmZone>	[0..1]	Text		1259
	LocalCurrency <LclCcy>	[0..1]	CodeSet	C2	1260
	PropertyAssigner <PrprtyAssgnr>	[0..1]	CodeSet		1260
	PropertyContact <PrprtyCtct>	[0..1]			1260
	Name <Nm>	[0..1]	Text		1261
	GivenName <GvnNm>	[0..1]	Text		1261
	MiddleName <MddlNm>	[0..1]	Text		1261
	LastName <LastNm>	[0..1]	Text		1261
	Phone <Phne>	[0..1]	Text		1261
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1262
	TollFreePhone <TollFreePhne>	[0..1]	Text		1262
	Email <Email>	[0..1]	Text		1262
	Fax <Fax>	[0..1]	Text		1262
	URL <URL>	[0..1]	Text		1262
	Language <Lang>	[0..1]	CodeSet		1262
	PropertyCountry <PrprtyCtry>	[0..1]	CodeSet		1262
	PropertyFireSafetyAct <PrprtyFireSftyAct>	[0..1]	Indicator		1262
	CustomerName <CstmrNm>	[0..1]	Text		1263
	CustomerIdentification <CstmrlId>	[0..1]	±		1263
	CustomerFileReferenceNumber <CstmrFileRefNb>	[0..1]	Text		1263

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerAge <CstmrAge>	[0..1]	Text		1263
	CustomerAddress <CstmrAdr>	[0..1]	±		1264
	CustomerContact <CstmrCtct>	[0..1]			1264
	Name <Nm>	[0..1]	Text		1265
	GivenName <GvnNm>	[0..1]	Text		1265
	MiddleName <MddlNm>	[0..1]	Text		1265
	LastName <LastNm>	[0..1]	Text		1265
	HomePhone <HomePhne>	[0..1]	Text		1266
	BusinessPhone <BizPhne>	[0..1]	Text		1266
	MobilePhone <MobPhne>	[0..1]	Text		1266
	OtherPhone <OthrPhne>	[0..1]	Text		1266
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1266
	BusinessEmail <BizEmail>	[0..1]	Text		1266
	OtherEmail <OthrEmail>	[0..1]	Text		1266
	HomeFax <HomeFax>	[0..1]	Text		1266
	BusinessFax <BizFax>	[0..1]	Text		1266
	URL <URL>	[0..1]	Text		1267
	Language <Lang>	[0..1]	CodeSet		1267
	NumberOfRooms <NbOfRooms>	[0..1]	Text		1267
	Room <Room>	[0..*]	±		1267
	Duration <Drtn>	[0..1]	Text		1267
	Arrival <Arrvl>	[0..1]	±		1267
	Departure <Dprturt>	[0..1]	±		1268
	NoShow <NoShow>	[0..1]	Indicator		1268
	Insurance <Insrnc>	[0..1]	Indicator		1268
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1268
	TotalTax <TtlTax>	[0..*]	±		1269
	TotalAmount <TtlAmt>	[0..1]	Amount		1269
	AuthorisedAmount <AuthrsdAmt>	[0..*]	±		1269
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1269
	LoyaltyProgramme <LtyPrgrmm>	[0..*]	±		1270

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]	±		1270
	Lineltm <Lineltm>	[0..*]	±		1270

#### 47.1.8.15.1 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 1864

#### 47.1.8.15.2 PropertyType <PrprtyTp>

*Presence:* [0..1]

*Definition:* Type of accommodations.

*Datatype:* "LodgingActivity1Code" on page 1825

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.

#### 47.1.8.15.3 PropertyOtherType <PrprtyOthrTp>

*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 1864

#### 47.1.8.15.4 PrestigiousProperty <PrstgsPrprty>

*Presence:* [0..1]

*Definition:* Identifier that describes the lodging establishment as a prestigious property.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.5 PropertyName <PrprtyNm>

*Presence:* [0..1]

*Definition:* Name of the property.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.6 PropertyIdentification <PrprtyId>

*Presence:* [0..1]

*Definition:* Identification of the lodging company.

**PropertyIdentification <PrprtyId>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

#### 47.1.8.15.7 PropertyLocation <PrprtyLctn>

*Presence:* [0..1]

*Definition:* Address of the property.

**PropertyLocation <PrprtyLctn>** contains the following **Location6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Code <Cd>	[0..1]	Text		1259
	Name <Nm>	[0..1]	Text		1259
	Description <Desc>	[0..1]	Text		1259
	Address <Adr>	[0..1]	±		1259
	LocalTimeZone <LclTmZone>	[0..1]	Text		1259
	LocalCurrency <LclCcy>	[0..1]	CodeSet	C2	1260

#### 47.1.8.15.7.1 Code <Cd>

*Presence:* [0..1]

*Definition:* Contains the location code.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.7.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Name (label) of the location.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.7.3 Description <Desc>

*Presence:* [0..1]

*Definition:* Specific explanation of the location or directions.

*Datatype:* "Max256Text" on page 1863

#### 47.1.8.15.7.4 Address <Adr>

*Presence:* [0..1]

*Definition:* Contains the address details.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.15.7.5 LocalTimeZone <LclTmZone>

*Presence:* [0..1]

*Definition:* Local time zone.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.15.7.6 LocalCurrency <LclCcy>

*Presence:* [0..1]

*Definition:* Local currency.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 47.1.8.15.8 PropertyAssigner <PrprtyAssgnr>

*Presence:* [0..1]

*Definition:* Party in charge of assigning the property identification.

*Datatype:* "CompanyAssigner2Code" on page 1807

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.

#### 47.1.8.15.9 PropertyContact <PrprtyCtct>

*Presence:* [0..1]

*Definition:* Contact details at property.



**PropertyContact <PrprtyCtct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1261
	GivenName <GvnNm>	[0..1]	Text		1261
	MiddleName <MddlNm>	[0..1]	Text		1261
	LastName <LastNm>	[0..1]	Text		1261
	Phone <Phne>	[0..1]	Text		1261
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1262
	TollFreePhone <TollFreePhne>	[0..1]	Text		1262
	Email <Email>	[0..1]	Text		1262
	Fax <Fax>	[0..1]	Text		1262
	URL <URL>	[0..1]	Text		1262
	Language <Lang>	[0..1]	CodeSet		1262

#### 47.1.8.15.9.1 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 1867

#### 47.1.8.15.9.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.9.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.9.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.9.5 Phone <Phne>

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.9.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.9.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.9.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.15.9.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.9.10 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.15.9.11 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.8.15.10 PropertyCountry <PrprtyCtry>**

*Presence:* [0..1]

*Definition:* Country of the property.

ISO 3166

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### **47.1.8.15.11 PropertyFireSafetyAct <PrprtyFireSftyAct>**

*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 1854):

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

#### 47.1.8.15.12 CustomerName <CstmrNm>

*Presence:* [0..1]

*Definition:* Name of the customer.

*Datatype:* ["Max70Text"](#) on page 1867

#### 47.1.8.15.13 CustomerIdentification <CstmrlId>

*Presence:* [0..1]

*Definition:* Details of the party identification.

**CustomerIdentification <CstmrlId>** contains the following elements (see ["Credentials3"](#) on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1675
	OtherType <OthrTp>	[0..1]	Text		1675
	SubType <SubTp>	[0..1]	Text		1675
	Value <Val>	[1..1]	Text		1675
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1676
	Assigner <Assgnr>	[0..1]			1676
	Country <Ctry>	[0..1]	CodeSet		1676
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1676
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1676
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1676
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1676
	Name <Nm>	[0..1]	Text		1677

#### 47.1.8.15.14 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 1867

#### 47.1.8.15.15 CustomerAge <CstmrAge>

*Presence:* [0..1]

*Definition:* Age of the customer.

*Datatype:* "Max2NumericText" on page 1863

#### 47.1.8.15.16 CustomerAddress <CstmrAdr>

*Presence:* [0..1]

*Definition:* Address details of the customer.

**CustomerAddress <CstmrAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.15.17 CustomerContact <CstmrCtct>

*Presence:* [0..1]

*Definition:* Contact information related to the customer.

**CustomerContact <CstmrCtct>** contains the following **ContactPersonal1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1265
	GivenName <GvnNm>	[0..1]	Text		1265
	MiddleName <MddINm>	[0..1]	Text		1265
	LastName <LastNm>	[0..1]	Text		1265
	HomePhone <HomePhne>	[0..1]	Text		1266
	BusinessPhone <BizPhne>	[0..1]	Text		1266
	MobilePhone <MobPhne>	[0..1]	Text		1266
	OtherPhone <OthrPhne>	[0..1]	Text		1266
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1266
	BusinessEmail <BizEmail>	[0..1]	Text		1266
	OtherEmail <OthrEmail>	[0..1]	Text		1266
	HomeFax <HomeFax>	[0..1]	Text		1266
	BusinessFax <BizFax>	[0..1]	Text		1266
	URL <URL>	[0..1]	Text		1267
	Language <Lang>	[0..1]	CodeSet		1267

#### 47.1.8.15.17.1 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 1867

#### 47.1.8.15.17.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.17.3 MiddleName <MddINm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.15.17.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.15.17.5 HomePhone <HomePhne>**

*Presence:* [0..1]

*Definition:* Home phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.17.6 BusinessPhone <BizPhne>**

*Presence:* [0..1]

*Definition:* Business phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.17.7 MobilePhone <MobPhne>**

*Presence:* [0..1]

*Definition:* Mobile phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.17.8 OtherPhone <OthrPhne>**

*Presence:* [0..1]

*Definition:* Other phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.17.9 PersonalEmail <PrsnlEmail>**

*Presence:* [0..1]

*Definition:* Personal email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.15.17.10 BusinessEmail <BizEmail>**

*Presence:* [0..1]

*Definition:* Business email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.15.17.11 OtherEmail <OthrEmail>**

*Presence:* [0..1]

*Definition:* Other email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.15.17.12 HomeFax <HomeFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.15.17.13 BusinessFax <BizFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

Datatype: ["PhoneNumber" on page 1868](#)

47.1.8.15.17.14 URL <URL>

Presence: [0..1]  
Definition: Universal Resource Locator (URL) address.  
Datatype: ["Max256Text" on page 1863](#)

47.1.8.15.17.15 Language <Lang>

Presence: [0..1]  
Definition: Language of the contact.  
Datatype: ["ISO2ALanguageCode" on page 1820](#)

47.1.8.15.18 NumberOfRooms <NbOfRooms>

Presence: [0..1]  
Definition: Number of rooms within the reservation.  
Datatype: ["Max4NumericText" on page 1865](#)

47.1.8.15.19 Room <Room>

Presence: [0..\*]  
Definition: Contains the room details.  
**Room <Room>** contains the following elements (see ["LodgingRoom2" on page 1433](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1434
	Location <Lctn>	[0..1]	Text		1434
	BedType <BedTp>	[0..1]	Text		1434
	Guests <Gsts>	[0..1]	Text		1434
	Adults <Adlts>	[0..1]	Text		1434
	Children <Chldrn>	[0..1]	Text		1434
	DailyRate <DalyRate>	[0..1]	Amount		1435

47.1.8.15.20 Duration <Drtn>

Presence: [0..1]  
Definition: Duration of stay in days.  
Datatype: ["Max4NumericText" on page 1865](#)

47.1.8.15.21 Arrival <Arrvl>

Presence: [0..1]  
Definition: Lodging transaction details.

**Arrival <Arrvl>** contains the following elements (see "[DepartureOrArrival2](#)" on page 1234 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CarrierCode <CarrierCd>	[0..1]	Text		1234
	RouteNumber <RouteNb>	[0..1]	Text		1234
	Date <Dt>	[0..1]	Date		1234
	Time <Tm>	[0..1]	Time		1234

#### 47.1.8.15.22 Departure <Dprture>

*Presence:* [0..1]

*Definition:* Contains departure details.

**Departure <Dprture>** contains the following elements (see "[DepartureOrArrival1](#)" on page 1235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1235
	Description <Desc>	[0..1]	Text		1235
	Date <Dt>	[0..1]	Date		1235
	Time <Tm>	[0..1]	Time		1235

#### 47.1.8.15.23 NoShow <NoShow>

*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 1854):

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

#### 47.1.8.15.24 Insurance <Insrnc>

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1854):

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

#### 47.1.8.15.25 InsuranceAmount <InsrncAmt>

*Presence:* [0..1]

*Definition:* Amount of insurance.

*Datatype:* "[ImpliedCurrencyAndAmount](#)" on page 1783



#### 47.1.8.15.26 TotalTax <TtlTax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**TotalTax <TtlTax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.15.27 TotalAmount <TtlAmt>

*Presence:* [0..1]

*Definition:* Contains the total amount of lodging expenses.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.15.28 AuthorisedAmount <AuthrsdAmt>

*Presence:* [0..\*]

*Definition:* Contains Authorised amount details.

**AuthorisedAmount <AuthrsdAmt>** contains the following elements (see "AuthorisedAmount2" on page 1180 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1180
	Time <Tm>	[0..1]	Time		1180
	Amount <Amt>	[1..1]	Amount		1181
	Description <Desc>	[0..1]	Text		1181

#### 47.1.8.15.29 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 1864

**47.1.8.15.30 LoyaltyProgramme <LltyPrgrmm>**

*Presence:* [0..\*]

*Definition:* Loyalty programme details.

**LoyaltyProgramme <LltyPrgrmm>** contains the following elements (see "[LoyaltyProgramme4](#)" on [page 1441](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1442
	Identification <Id>	[0..1]	Text		1442
	ParticipantIdentification <PtcptId>	[0..1]	Text		1442

**47.1.8.15.31 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Additional user-defined data pertaining to the lodging.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on [page 1603](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.8.15.32 Lineltem <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 "[LodgingLinItem3](#)" on page 1375 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1376
	Time <Tm>	[0..1]	Time		1376
	Type <Tp>	[0..1]	CodeSet		1376
	OtherType <OthrTp>	[0..1]	Text		1377
	PostCheckOut <PstChckOut>	[0..1]	Indicator		1377
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1377
	UnitAmount <UnitAmt>	[0..1]	Amount		1378
	Duration <Drtn>	[0..1]	Text		1378
	SubTotalAmount <SubTtlAmt>	[0..1]	Amount		1378
	Tax <Tax>	[0..*]	±		1378
	AdditionalData <AddtlData>	[0..*]	±		1378

#### 47.1.8.16 TelecomServicesLinItem3

*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		1272
	TimePeriod <TmPrd>	[0..1]	Text		1272
	Duration <Drtn>	[0..1]	Time		1273
	CallFromType <CallFrTp>	[0..1]	CodeSet		1273
	CallFromOtherType <CallFrOthrTp>	[0..1]	Text		1273
	CallFromPhone <CallFrPhne>	[0..1]	Text		1273
	CallFromCity <CallFrCity>	[0..1]	Text		1273
	CallFromCountrySubDivisionMajor <CallFrCtrySubDvsnMjr>	[0..1]	CodeSet		1273
	CallFromCountrySubDivisionMinor <CallFrCtrySubDvsnMnr>	[0..1]	CodeSet		1274
	CallFromCountry <CallFrCtry>	[0..1]	CodeSet		1274
	CallToType <CallToTp>	[0..1]	CodeSet		1274
	CallToOtherType <CallToOthrTp>	[0..1]	Text		1274
	CallToPhone <CallToPhne>	[0..1]	Text		1274
	CallToCity <CallToCity>	[0..1]	Text		1274
	CallToCountrySubDivisionMajor <CallToCtrySubDvsnMjr>	[0..1]	CodeSet		1275
	CallToCountrySubDivisionMinor <CallToCtrySubDvsnMnr>	[0..1]	CodeSet		1275
	CallToCountry <CallToCtry>	[0..1]	CodeSet		1275
	Charge <Chrg>	[0..*]	±		1275
	Tax <Tax>	[0..*]	±		1275
	TotalAmount <TtlAmt>	[0..1]	Amount		1276
	Description <Desc>	[0..1]	Text		1276
	AdditionalData <AddtlData>	[0..*]	±		1276

#### 47.1.8.16.1 StartDateTime <StartDtTm>

*Presence:* [0..1]

*Definition:* Contains the start date and time of the phone call.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.16.2 TimePeriod <TmPrd>

*Presence:* [0..1]

*Definition:* Describes the period (such as peak or off peak) of the phone call.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.16.3 Duration <Drtn>

*Presence:* [0..1]

*Definition:* Duration of phone call expressed in HHMMSS format.

*Datatype:* "ISOTime" on page 1869

#### 47.1.8.16.4 CallFromType <CallFrTp>

*Presence:* [0..1]

*Definition:* Contains call type values for the originator of the telephone call .

*Datatype:* "TelephonyCallType1Code" on page 1845

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

#### 47.1.8.16.5 CallFromOtherType <CallFrOthrTp>

*Presence:* [0..1]

*Definition:* Contains other call type values for the originator of the telephone call .

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.16.6 CallFromPhone <CallFrPhne>

*Presence:* [0..1]

*Definition:* Origination phone number.

*Datatype:* "PhoneNumber" on page 1868

#### 47.1.8.16.7 CallFromCity <CallFrCity>

*Presence:* [0..1]

*Definition:* City from which the call was made.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.16.8 CallFromCountrySubDivisionMajor <CallFrCtrySubDvsnMjr>

*Presence:* [0..1]

*Definition:* Country sub division major from which the call was made.

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

#### 47.1.8.16.9 CallFromCountrySubDivisionMinor <CallFrCtrySubDvsnMnr>

*Presence:* [0..1]

*Definition:* Country sub division minor from which the call was made.

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

#### 47.1.8.16.10 CallFromCountry <CallFrCtry>

*Presence:* [0..1]

*Definition:* Country from which the call was made.

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.8.16.11 CallToType <CallToTp>

*Presence:* [0..1]

*Definition:* Contains call type values for the destination of the telephone call .

*Datatype:* "TelephonyCallType1Code" on page 1845

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

#### 47.1.8.16.12 CallToOtherType <CallToOthrTp>

*Presence:* [0..1]

*Definition:* Contains other call type values for the destination of the telephone call .

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.16.13 CallToPhone <CallToPhne>

*Presence:* [0..1]

*Definition:* Destination phone number.

*Datatype:* "PhoneNumber" on page 1868

#### 47.1.8.16.14 CallToCity <CallToCity>

*Presence:* [0..1]

*Definition:* City to which the call was made.

*Datatype:* "Max35Text" on page 1864

47.1.8.16.15 CallToCountrySubDivisionMajor <CallToCtrySubDvsnMjr>

Presence: [0..1]

Definition: Country sub division major to which the call was made.

Datatype: "ISOCountrySubDivisionCode" on page 1822

47.1.8.16.16 CallToCountrySubDivisionMinor <CallToCtrySubDvsnMnr>

Presence: [0..1]

Definition: Country sub division minor to which the call was made.

Datatype: "ISOCountrySubDivisionCode" on page 1822

47.1.8.16.17 CallToCountry <CallToCtry>

Presence: [0..1]

Definition: Country to which the call was made.

Datatype: "ISOMax3ACountryCode" on page 1822

47.1.8.16.18 Charge <Chrg>

Presence: [0..\*]

Definition: Contains the amount pertaining to the telephony billing event.

Charge <Chrg> contains the following elements (see "Amount23" on page 1158 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1158
	OtherType <OthrTp>	[0..1]	Text		1159
	Amount <Amt>	[1..1]	Amount		1159
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1159

47.1.8.16.19 Tax <Tax>

Presence: [0..\*]

Definition: Total of taxes applicable to the billing amount of the telephone call.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.16.20 TotalAmount <TtlAmt>

*Presence:* [0..1]

*Definition:* Total amount applicable to the billing event.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.16.21 Description <Desc>

*Presence:* [0..1]

*Definition:* Description of the telecommunications services line item details

*Datatype:* "Max256Text" on page 1863

#### 47.1.8.16.22 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional user-defined data pertaining to the telecommunications services.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.8.17 DriverInParty3

*Definition:* Driver in a car rental party



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1278
	Address <Adr>	[0..1]	±		1278
	Contact <Ctct>	[0..1]			1278
	Name <Nm>	[0..1]	Text		1279
	GivenName <GvnNm>	[0..1]	Text		1279
	MiddleName <MddlNm>	[0..1]	Text		1279
	LastName <LastNm>	[0..1]	Text		1279
	HomePhone <HomePhne>	[0..1]	Text		1280
	BusinessPhone <BizPhne>	[0..1]	Text		1280
	MobilePhone <MobPhne>	[0..1]	Text		1280
	OtherPhone <OthrPhne>	[0..1]	Text		1280
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1280
	BusinessEmail <BizEmail>	[0..1]	Text		1280
	OtherEmail <OthrEmail>	[0..1]	Text		1280
	HomeFax <HomeFax>	[0..1]	Text		1280
	BusinessFax <BizFax>	[0..1]	Text		1280
	URL <URL>	[0..1]	Text		1281
	Language <Lang>	[0..1]	CodeSet		1281
	DateOfBirth <DtOfBirth>	[0..1]	Date		1281
	Age <Age>	[0..1]	Text		1281
	DriverCredential <DrvrCrdntl>	[0..*]			1281
	Type <Tp>	[1..1]	CodeSet		1281
	Form <Form>	[0..1]	CodeSet		1282
	Identification <Id>	[1..1]	Text		1282
	Assigner <Assgnr>	[0..1]	Text		1283
	IssuanceDate <IssncDt>	[0..1]	Date		1283
	ExpirationDate <XprtnDt>	[0..1]	Date		1283
	Country <Ctry>	[0..1]	CodeSet		1283
	LicenseType <LicTp>	[0..1]	Text		1283
	LicenseForm <LicForm>	[0..1]	CodeSet		1283
	LicenselIdentification <Licld>	[0..1]	Text		1283

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LicenseAssigner <LicAssgnr>	[0..1]	CodeSet		1284
	LicenseIssuanceDate <LicIssncDt>	[0..1]	Date		1284
	LicenseExpirationDate <LicXprtnDt>	[0..1]	Date		1284
	LicenseCountry <LicCtry>	[0..1]	CodeSet		1284
	LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>	[0..1]	CodeSet		1284
	LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>	[0..1]	CodeSet		1284
	LicenseOtherAuthority <LicOthrAuthrty>	[0..1]	Text		1284

#### 47.1.8.17.1 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of vehicle rental driver.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.17.2 Address <Adr>

*Presence:* [0..1]

*Definition:* Address of driver in party.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.17.3 Contact <Ctct>

*Presence:* [0..1]

*Definition:* Contact details of driver in party.

**Contact <Ctct>** contains the following **ContactPersonal1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1279
	GivenName <GvnNm>	[0..1]	Text		1279
	MiddleName <MddlNm>	[0..1]	Text		1279
	LastName <LastNm>	[0..1]	Text		1279
	HomePhone <HomePhne>	[0..1]	Text		1280
	BusinessPhone <BizPhne>	[0..1]	Text		1280
	MobilePhone <MobPhne>	[0..1]	Text		1280
	OtherPhone <OthrPhne>	[0..1]	Text		1280
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1280
	BusinessEmail <BizEmail>	[0..1]	Text		1280
	OtherEmail <OthrEmail>	[0..1]	Text		1280
	HomeFax <HomeFax>	[0..1]	Text		1280
	BusinessFax <BizFax>	[0..1]	Text		1280
	URL <URL>	[0..1]	Text		1281
	Language <Lang>	[0..1]	CodeSet		1281

#### 47.1.8.17.3.1 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 1867

#### 47.1.8.17.3.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.17.3.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.17.3.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.17.3.5 HomePhone <HomePhne>**

*Presence:* [0..1]

*Definition:* Home phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.17.3.6 BusinessPhone <BizPhne>**

*Presence:* [0..1]

*Definition:* Business phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.17.3.7 MobilePhone <MobPhne>**

*Presence:* [0..1]

*Definition:* Mobile phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.17.3.8 OtherPhone <OthrPhne>**

*Presence:* [0..1]

*Definition:* Other phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.17.3.9 PersonalEmail <PrsnlEmail>**

*Presence:* [0..1]

*Definition:* Personal email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.17.3.10 BusinessEmail <BizEmail>**

*Presence:* [0..1]

*Definition:* Business email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.17.3.11 OtherEmail <OthrEmail>**

*Presence:* [0..1]

*Definition:* Other email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.17.3.12 HomeFax <HomeFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.17.3.13 BusinessFax <BizFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

**47.1.8.17.3.14 URL <URL>**

*Presence:* [0..1]  
*Definition:* Universal Resource Locator (URL) address.  
*Datatype:* "Max256Text" on page 1863

**47.1.8.17.3.15 Language <Lang>**

*Presence:* [0..1]  
*Definition:* Language of the contact.  
*Datatype:* "ISO2ALanguageCode" on page 1820

**47.1.8.17.4 DateOfBirth <DtOfBirth>**

*Presence:* [0..1]  
*Definition:* Date of birth of vehicle rental driver.  
*Datatype:* "ISODate" on page 1854

**47.1.8.17.5 Age <Age>**

*Presence:* [0..1]  
*Definition:* Age of driver.  
*Datatype:* "Max2NumericText" on page 1863

**47.1.8.17.6 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		1281
	Form <Form>	[0..1]	CodeSet		1282
	Identification <Id>	[1..1]	Text		1282
	Assigner <Assgnr>	[0..1]	Text		1283
	IssuanceDate <IssncDt>	[0..1]	Date		1283
	ExpirationDate <XprtnDt>	[0..1]	Date		1283
	Country <Ctry>	[0..1]	CodeSet		1283

**47.1.8.17.6.1 Type <Tp>**

*Presence:* [1..1]  
*Definition:* Type of travel document.  
*Datatype:* "OfficialDocumentType1Code" on page 1829

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.

#### 47.1.8.17.6.2 Form <Form>

*Presence:* [0..1]

*Definition:* Form of travel document.

*Datatype:* "PresentationMedium2Code" on page 1838

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.

#### 47.1.8.17.6.3 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of travel document (for example, passport number).

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.17.6.4 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Party assigning the travel document.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.17.6.5 IssuanceDate <IssncDt>

*Presence:* [0..1]

*Definition:* Issuance date of travel document.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.17.6.6 ExpirationDate <XprtnDt>

*Presence:* [0..1]

*Definition:* Expiration date of travel document (if and when relevant).

*Datatype:* "ISODate" on page 1854

#### 47.1.8.17.6.7 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country issuing the travel document.

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.8.17.7 LicenseType <LicTp>

*Presence:* [0..1]

*Definition:* Type of driving license.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.17.8 LicenseForm <LicForm>

*Presence:* [0..1]

*Definition:* Form of driving license.

*Datatype:* "PresentationMedium2Code" on page 1838

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.

#### 47.1.8.17.9 LicenseIdentification <LicId>

*Presence:* [0..1]

*Definition:* Identification of the driver license (for example, driver license number).

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.17.10 LicenseAssigner <LicAssgnr>

*Presence:* [0..1]

*Definition:* Authority assigning an identification to a driver license.

*Datatype:* "LegalStructure1Code" on page 1823

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.

#### 47.1.8.17.11 LicenseIssuanceDate <LicIssncDt>

*Presence:* [0..1]

*Definition:* Date of issuance of the driving license.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.17.12 LicenseExpirationDate <LicXprtnDt>

*Presence:* [0..1]

*Definition:* Expiration date of the driving license (if and when relevant).

*Datatype:* "ISODate" on page 1854

#### 47.1.8.17.13 LicenseCountry <LicCtry>

*Presence:* [0..1]

*Definition:* Country issuing the driver license.

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.8.17.14 LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>

*Presence:* [0..1]

*Definition:* Country Sub Division major issuing the driver license (if and when relevant).

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

#### 47.1.8.17.15 LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>

*Presence:* [0..1]

*Definition:* Country Sub Division minor issuing the driver license (if and when relevant).

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

#### 47.1.8.17.16 LicenseOtherAuthority <LicOthrAuthrty>

*Presence:* [0..1]

*Definition:* Other authority issuing a driver license.

*Datatype:* "Max16Text" on page 1861



### 47.1.8.18 TelecomServices3

*Definition:* Telecom services carries telephony billing data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CustomerAccountNumber <CstmrAcctNb>	[0..1]	Text		1285
	CustomerName <CstmrNm>	[0..1]	Text		1285
	CustomerPhone <CstmrPhne>	[0..1]	Text		1285
	BillingStart <BllgStart>	[0..1]	Date		1285
	BillingEnd <BllgEnd>	[0..1]	Date		1285
	BillingEvent <BllgEvt>	[0..*]	±		1286
	TotalTax <TtlTax>	[0..*]	±		1286
	LineItem <Lineitm>	[0..*]	±		1286
	AdditionalData <AddtlData>	[0..*]	±		1287

#### 47.1.8.18.1 CustomerAccountNumber <CstmrAcctNb>

*Presence:* [0..1]

*Definition:* Customer account number with the service provider.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.18.2 CustomerName <CstmrNm>

*Presence:* [0..1]

*Definition:* Name of the customer.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.18.3 CustomerPhone <CstmrPhne>

*Presence:* [0..1]

*Definition:* Customer's primary contact phone number.

*Datatype:* "PhoneNumber" on page 1868

#### 47.1.8.18.4 BillingStart <BllgStart>

*Presence:* [0..1]

*Definition:* Contains the billing period start date for telecommunication or related services.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.18.5 BillingEnd <BllgEnd>

*Presence:* [0..1]

*Definition:* Contains the billing period end date for telecommunication or related services.

*Datatype:* "ISODate" on page 1854

**47.1.8.18.6 BillingEvent <BllgEvt>***Presence:* [0..\*]*Definition:* Summary of the charges associated with the billing event.**BillingEvent <BllgEvt>** contains the following elements (see "[Amount22](#)" on page 1167 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Description <Desc>	[0..1]	Text		1167
	Amount <Amt>	[1..1]	Amount		1167
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1167
	Tax <Tax>	[0..*]	±		1168

**47.1.8.18.7 TotalTax <TtlTax>***Presence:* [0..\*]*Definition:* Total of taxes applicable to the billing amount.**TotalTax <TtlTax>** contains the following elements (see "[Tax41](#)" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

**47.1.8.18.8 Lineltem <Lineltn>***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 "TelecomServicesLinItem3" on page 1271 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	StartDateTime <StartDtTm>	[0..1]	Date		1272
	TimePeriod <TmPrd>	[0..1]	Text		1272
	Duration <Drtn>	[0..1]	Time		1273
	CallFromType <CallFrTp>	[0..1]	CodeSet		1273
	CallFromOtherType <CallFrOthrTp>	[0..1]	Text		1273
	CallFromPhone <CallFrPhne>	[0..1]	Text		1273
	CallFromCity <CallFrCity>	[0..1]	Text		1273
	CallFromCountrySubDivisionMajor <CallFrCtrySubDvsnMjr>	[0..1]	CodeSet		1273
	CallFromCountrySubDivisionMinor <CallFrCtrySubDvsnMnr>	[0..1]	CodeSet		1274
	CallFromCountry <CallFrCtry>	[0..1]	CodeSet		1274
	CallToType <CallToTp>	[0..1]	CodeSet		1274
	CallToOtherType <CallToOthrTp>	[0..1]	Text		1274
	CallToPhone <CallToPhne>	[0..1]	Text		1274
	CallToCity <CallToCity>	[0..1]	Text		1274
	CallToCountrySubDivisionMajor <CallToCtrySubDvsnMjr>	[0..1]	CodeSet		1275
	CallToCountrySubDivisionMinor <CallToCtrySubDvsnMnr>	[0..1]	CodeSet		1275
	CallToCountry <CallToCtry>	[0..1]	CodeSet		1275
	Charge <Chrg>	[0..*]	±		1275
	Tax <Tax>	[0..*]	±		1275
	TotalAmount <TtlAmt>	[0..1]	Amount		1276
	Description <Desc>	[0..1]	Text		1276
	AdditionalData <AddtlData>	[0..*]	±		1276

#### 47.1.8.18.9 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional user-defined data pertaining to the shipment.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.8.19 PassengerTransport3

*Definition:* Passenger ticket information for the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentNumber <DocNb>	[0..1]	Text		1289
	ReservationSystem <RsvatnSys>	[0..1]	Text		1290
	ReservationNumber <RsvatnNb>	[0..1]	Text		1290
	OriginalReservationSystem <OrgnlRsvatnSys>	[0..1]	Text		1290
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1290
	TravelAuthorisationCode <TrvlAuthstnCd>	[0..1]	Text		1290
	TicketIssuer <TcktIssr>	[0..1]	Text		1290
	OpenTicket <OpnTckt>	[0..1]	Indicator		1290
	CustomerReference <CstmrRef>	[0..*]			1290
	Identification <Id>	[0..1]	Text		1291
	Detail <Dtl>	[0..1]	Text		1291
	Passenger <Pssngr>	[0..*]	±		1291
	Departure <Dprture>	[0..1]	±		1292
	Duration <Drtn>	[0..1]	Text		1293
	Insurance <Insrnc>	[0..1]	Indicator		1293
	TotalAmount <TtlAmt>	[0..*]			1293
	Type <Tp>	[0..1]	CodeSet		1293
	OtherType <OthrTp>	[0..1]	Text		1294
	Amount <Amt>	[1..1]	Amount		1294
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1295
	Tax <Tax>	[0..*]	±		1295
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1295
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1295
	TripLeg <TripLeg>	[0..*]	±		1296
	AncillaryPurchase <AncllryPurchs>	[0..*]	±		1298
	HiredVehicleDetails <HirdVhclDtls>	[0..*]	±		1299
	AdditionalData <AddtlData>	[0..*]	±		1299

#### 47.1.8.19.1 DocumentNumber <DocNb>

*Presence:* [0..1]

*Definition:* Unique identification number of the document.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.19.2 ReservationSystem <RsvatnSys>**

*Presence:* [0..1]

*Definition:* Computerised reservation system used to make the reservation and purchase the ticket.

*Datatype:* "Max4Text" on page 1865

#### **47.1.8.19.3 ReservationNumber <RsvatnNb>**

*Presence:* [0..1]

*Definition:* Value that uniquely identifies the reservation.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.19.4 OriginalReservationSystem <OrgnlRsvatnSys>**

*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 1865

#### **47.1.8.19.5 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 1864

#### **47.1.8.19.6 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 1867

#### **47.1.8.19.7 TicketIssuer <Tcktlssr>**

*Presence:* [0..1]

*Definition:* Name of the issuing ticket agent.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.19.8 OpenTicket <OpnTckt>**

*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 1854):

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

#### **47.1.8.19.9 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		1291
	Detail <Dtl>	[0..1]	Text		1291

**47.1.8.19.9.1 Identification <Id>**

*Presence:* [0..1]

*Definition:* Defines the content of the value provided in the Customer Reference detail.

*Datatype:* "Max35Text" on page 1864

**47.1.8.19.9.2 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 1867

**47.1.8.19.10 Passenger <Pssngr>**

*Presence:* [0..\*]

*Definition:* Contains the details of the passenger.

**Passenger <Pssngr>** contains the following elements (see "Customer9" on page 1658 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1658
	Identification <Id>	[0..1]	±		1659
	CustomerFileReferenceNumber <CstmrFileRefNb>	[0..1]	Text		1659
	Age <Age>	[0..1]	Text		1659
	Address <Adr>	[0..1]	±		1659
	Contact <Ctct>	[0..1]			1660
	Name <Nm>	[0..1]	Text		1661
	GivenName <GvnNm>	[0..1]	Text		1661
	MiddleName <MddlNm>	[0..1]	Text		1661
	LastName <LastNm>	[0..1]	Text		1661
	HomePhone <HomePhne>	[0..1]	Text		1662
	BusinessPhone <BizPhne>	[0..1]	Text		1662
	MobilePhone <MobPhne>	[0..1]	Text		1662
	OtherPhone <OthrPhne>	[0..1]	Text		1662
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1662
	BusinessEmail <BizEmail>	[0..1]	Text		1662
	OtherEmail <OthrEmail>	[0..1]	Text		1662
	HomeFax <HomeFax>	[0..1]	Text		1662
	BusinessFax <BizFax>	[0..1]	Text		1662
	URL <URL>	[0..1]	Text		1663
	Language <Lang>	[0..1]	CodeSet		1663

#### 47.1.8.19.11 Departure <Dprture>

*Presence:* [0..1]

*Definition:* Contains departure location, date and time.



**Departure <Dprture>** contains the following elements (see "[DepartureOrArrival1](#)" on page 1235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1235
	Description <Desc>	[0..1]	Text		1235
	Date <Dt>	[0..1]	Date		1235
	Time <Tm>	[0..1]	Time		1235

#### 47.1.8.19.12 Duration <Drtn>

*Presence:* [0..1]

*Definition:* Duration of the trip in days.

*Datatype:* "[Max4NumericText](#)" on page 1865

#### 47.1.8.19.13 Insurance <Insrnc>

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1854):

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

#### 47.1.8.19.14 TotalAmount <TtlAmt>

*Presence:* [0..\*]

*Definition:* Total amount.

**TotalAmount <TtlAmt>** contains the following **AmountDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1293
	OtherType <OthrTp>	[0..1]	Text		1294
	Amount <Amt>	[1..1]	Amount		1294
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1295
	Tax <Tax>	[0..*]	±		1295

##### 47.1.8.19.14.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Code that describes the type of amount or fee.

*Datatype:* "[TypeOfAmount23Code](#)" on page 1849

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.
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.
FEES	Fees	Fees.

#### 47.1.8.19.14.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Description of other type of amount or fee.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.19.14.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Contains the amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.19.14.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the tax amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.8.19.14.5 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.19.15 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 1864

#### 47.1.8.19.16 LoyaltyProgramme <LltyPrgrmm>

*Presence:* [0..1]

*Definition:* Loyalty programme details.

**LoyaltyProgramme <LltyPrgrmm>** contains the following elements (see "[LoyaltyProgramme4](#)" on page 1441 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1442
	Identification <Id>	[0..1]	Text		1442
	ParticipantIdentification <Ptcptld>	[0..1]	Text		1442

**47.1.8.19.17 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 "TripLeg3" on page 1406 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SequenceNumber <SeqNb>	[0..1]	Text		1408
	TicketNumber <TcktNb>	[0..1]	Text		1408
	TicketIssuer <Tcktlssr>	[0..1]	Text		1408
	TicketIssueDate <Tcktlssedt>	[0..1]	Date		1408
	TicketIssueLocation <Tcktlsselctn>	[0..1]	Text		1408
	ConjunctionTicketNumber <CnjctnTcktNb>	[0..1]	Text		1409
	RestrictedTicket <RstrctdTckt>	[0..1]	Indicator		1409
	OpenTicket <OpnTckt>	[0..1]	Indicator		1409
	TicketRestrictions <TcktRstrctns>	[0..1]	Text		1409
	ExchangedTicket <XchgdTckt>	[0..1]	Indicator		1409
	ExchangedTicketNumber <XchgdTcktNb>	[0..1]	Text		1410
	RecordLocatorNumber <RcrdLctrNb>	[0..1]	Text		1410
	ReservationSystem <RsvatnSys>	[0..1]	Text		1410
	ReservationNumber <RsvatnNb>	[0..1]	Text		1410
	OriginalReservationSystem <OrgnlRsvatnSys>	[0..1]	Text		1410
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1410
	Document <Doc>	[0..*]			1410
	Type <Tp>	[0..1]	Text		1411
	Reference <Ref>	[0..1]	Text		1411
	TransportType <TrnsprtTp>	[0..1]	CodeSet		1411
	OtherTransportType <OthrTrnsprtTp>	[0..1]	Text		1411
	CommodityCode <CmmdtyCd>	[0..1]	Text		1411
	CarrierName <CrrierNm>	[0..1]	Text		1412
	CarrierCode <CrrierCd>	[0..1]	Text		1412
	IATACode <IATACd>	[0..1]	Text		1412
	RouteNumber <RouteNb>	[0..1]	Text		1412
	ServiceClass <SvcClss>	[0..1]	Text		1412
	Departure <Dprtur>	[0..1]	±		1412
	Arrival <Arrvl>	[0..1]	±		1412
	Duration <Drtn>	[0..1]	Text		1413
	StopOver <StopOver>	[0..1]	Indicator		1413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonDirectRouteCode <NonDrctRouteCd>	[0..1]	Text		1413
	FairBasisCode <FairBsisCd>	[0..1]	Text		1413
	Insurance <Insrnc>	[0..1]	Indicator		1413
	Amount <Amt>	[0..*]			1414
	Type <Tp>	[0..1]	CodeSet		1414
	OtherType <OthrTp>	[0..1]	Text		1415
	Amount <Amt>	[1..1]	Amount		1415
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1415
	Tax <Tax>	[0..*]	±		1415
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1416
	ProcedureIdentification <Prcdrld>	[0..1]	Text		1416
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1416
	AdditionalData <AddtlData>	[0..*]	±		1416

#### 47.1.8.19.18 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 "[AncillaryPurchase3](#)" on page 1344 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DocumentNumber <DocNb>	[0..1]	Text		1344
	RelatedDocumentNumber <RltdDocNb>	[0..1]	Text		1344
	ServiceCategoryCode <SvcCtgyCd>	[0..1]	Text		1344
	ServiceSubCategoryCode <SvcSubCtgyCd>	[0..1]	Text		1344
	ServiceProviderServiceType <SvcPrvdrSvcTp>	[0..1]	Text		1345
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1345
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1345
	Amount <Amt>	[0..1]	Amount		1345
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1345
	Fee <Fee>	[0..1]	Amount		1345
	Tax <Tax>	[0..*]	±		1345
	AdditionalData <AddtlData>	[0..*]	±		1346

**47.1.8.19.19 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 "[HiredVehicle3](#)" on page 1321 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompanyType <CpnyTp>	[0..1]	Text		1321
	CompanyName <CpnyNm>	[0..1]	Text		1321
	TypeOfVehicle <TpOfVhcl>	[0..1]	Text		1321
	VehicleIdentification <VhclId>	[0..1]	Text		1321
	DriverIdentification <DrvrlId>	[0..1]	Text		1322
	DriverTaxIdentification <DrvrTaxId>	[0..1]	Text		1322
	DestinationNameAndLocation <DstnNmAndLctn>	[0..1]	Text		1322
	DestinationAddress <DstnAdr>	[0..1]	±		1322

**47.1.8.19.20 AdditionalData <AddtlData>***Presence:* [0..\*]*Definition:* Additional user-defined data pertaining to the transportation.**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.8.20 VehicleRentalService3***Definition:* Vehicle rental service provides detailed vehicle rental information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CompanyName <CpnyNm>	[0..1]	Text		1300
	CompanyIdentification <CpnyId>	[0..1]	±		1301
	CompanyAddress <CpnyAdr>	[0..1]	±		1301
	CompanyContact <CpnyCtct>	[0..1]			1301
	Name <Nm>	[0..1]	Text		1302
	GivenName <GvnNm>	[0..1]	Text		1302
	MiddleName <MddlNm>	[0..1]	Text		1302
	LastName <LastNm>	[0..1]	Text		1302
	Phone <Phne>	[0..1]	Text		1302
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1303
	TollFreePhone <TollFreePhne>	[0..1]	Text		1303
	Email <Email>	[0..1]	Text		1303
	Fax <Fax>	[0..1]	Text		1303
	URL <URL>	[0..1]	Text		1303
	Language <Lang>	[0..1]	CodeSet		1303
	CompanyType <CpnyTp>	[0..1]	CodeSet		1303
	CompanyOtherType <CpnyOthrTp>	[0..1]	Text		1304
	RenterName <RntrNm>	[1..1]	Text		1304
	RenterCorporateName <RntrCorpNm>	[0..1]	Text		1304
	RenterCorporateIdentifier <RntrCorpldr>	[1..1]	Text		1304
	RenterCorporateIdentifierAssigner <RntrCorpldrAssgnr>	[0..1]	CodeSet		1304
	PrimaryDriver <PmryDrvr>	[0..1]	±		1305
	AdditionalDriver <AddtlDrvr>	[0..*]	±		1307
	LoyaltyProgramme <LltyPrgrmm>	[0..1]	±		1309
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1309
	RentalAgreement <RntlAgrmt>	[0..1]	±		1309
	RentalInvoice <RntlInvc>	[0..1]	±		1310
	AdditionalData <AddtlData>	[0..*]	±		1311

#### 47.1.8.20.1 CompanyName <CpnyNm>

*Presence:* [0..1]

*Definition:* Name of the vehicle rental company.



*Datatype:* "Max70Text" on page 1867

#### 47.1.8.20.2 CompanyIdentification <Cpnyld>

*Presence:* [0..1]

*Definition:* Identification of the vehicle rental company.

**CompanyIdentification <Cpnyld>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

#### 47.1.8.20.3 CompanyAddress <CpnyAdr>

*Presence:* [0..1]

*Definition:* Address of the vehicle rental company.

**CompanyAddress <CpnyAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.20.4 CompanyContact <CpnyCtct>

*Presence:* [0..1]

*Definition:* Contact details at vehicle rental company location.

**CompanyContact <CpnyCtct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1302
	GivenName <GvnNm>	[0..1]	Text		1302
	MiddleName <MddlNm>	[0..1]	Text		1302
	LastName <LastNm>	[0..1]	Text		1302
	Phone <Phne>	[0..1]	Text		1302
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1303
	TollFreePhone <TollFreePhne>	[0..1]	Text		1303
	Email <Email>	[0..1]	Text		1303
	Fax <Fax>	[0..1]	Text		1303
	URL <URL>	[0..1]	Text		1303
	Language <Lang>	[0..1]	CodeSet		1303

#### 47.1.8.20.4.1 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 1867

#### 47.1.8.20.4.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.20.4.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.20.4.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.20.4.5 Phone <Phne>

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.20.4.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.20.4.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.20.4.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.20.4.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.20.4.10 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.20.4.11 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.8.20.5 CompanyType <CpnyTp>**

*Presence:* [0..1]

*Definition:* Type of vehicle rental activity.

*Datatype:* "CarRentalActivity1Code" on page 1805

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.

CodeName	Name	Definition
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
OTHR	Other	Other type of car rental activity.

#### 47.1.8.20.6 CompanyOtherType <CpnyOthrTp>

*Presence:* [0..1]

*Definition:* Other type of vehicle rental activity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.20.7 RenterName <RntrNm>

*Presence:* [1..1]

*Definition:* Name of the vehicle rental customer.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.20.8 RenterCorporateName <RntrCorpNm>

*Presence:* [0..1]

*Definition:* Corporate name of the vehicle rental customer.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.20.9 RenterCorporateIdentifier <RntrCorpldr>

*Presence:* [1..1]

*Definition:* Corporate identifier of the vehicle rental customer.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.20.10 RenterCorporateIdentifierAssigner <RntrCorpldrAssgnr>

*Presence:* [0..1]

*Definition:* Party assigning an identification to a vehicle rental customer.

*Datatype:* "CustomerAssigner1Code" on page 1808

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.

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#### 47.1.8.20.11 PrimaryDriver <PmryDrvr>

*Presence:* [0..1]

*Definition:* Vehicle rental driver.

**PrimaryDriver <PmryDrvr>** contains the following elements (see "DriverInParty3" on page 1276 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1278
	Address <Adr>	[0..1]	±		1278
	Contact <Ctct>	[0..1]			1278
	Name <Nm>	[0..1]	Text		1279
	GivenName <GvnNm>	[0..1]	Text		1279
	MiddleName <MddlNm>	[0..1]	Text		1279
	LastName <LastNm>	[0..1]	Text		1279
	HomePhone <HomePhne>	[0..1]	Text		1280
	BusinessPhone <BizPhne>	[0..1]	Text		1280
	MobilePhone <MobPhne>	[0..1]	Text		1280
	OtherPhone <OthrPhne>	[0..1]	Text		1280
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1280
	BusinessEmail <BizEmail>	[0..1]	Text		1280
	OtherEmail <OthrEmail>	[0..1]	Text		1280
	HomeFax <HomeFax>	[0..1]	Text		1280
	BusinessFax <BizFax>	[0..1]	Text		1280
	URL <URL>	[0..1]	Text		1281
	Language <Lang>	[0..1]	CodeSet		1281
	DateOfBirth <DtOfBirth>	[0..1]	Date		1281
	Age <Age>	[0..1]	Text		1281
	DriverCredential <DrvrCrdntl>	[0..*]			1281
	Type <Tp>	[1..1]	CodeSet		1281
	Form <Form>	[0..1]	CodeSet		1282
	Identification <Id>	[1..1]	Text		1282
	Assigner <Assgnr>	[0..1]	Text		1283
	IssuanceDate <IssncDt>	[0..1]	Date		1283
	ExpirationDate <XprtnDt>	[0..1]	Date		1283
	Country <Ctry>	[0..1]	CodeSet		1283
	LicenseType <LicTp>	[0..1]	Text		1283
	LicenseForm <LicForm>	[0..1]	CodeSet		1283

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LicenseIdentification <LicId>	[0..1]	Text		1283
	LicenseAssigner <LicAssgnr>	[0..1]	CodeSet		1284
	LicenseIssuanceDate <LicIssncDt>	[0..1]	Date		1284
	LicenseExpirationDate <LicXprtnDt>	[0..1]	Date		1284
	LicenseCountry <LicCtry>	[0..1]	CodeSet		1284
	LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>	[0..1]	CodeSet		1284
	LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>	[0..1]	CodeSet		1284
	LicenseOtherAuthority <LicOthrAuthrty>	[0..1]	Text		1284

#### 47.1.8.20.12 AdditionalDriver <AddtlDrvr>

*Presence:* [0..\*]

*Definition:* Type of identification of the additional vehicle rental customer.

**AdditionalDriver <AddtlDrvr>** contains the following elements (see "DriverInParty3" on page 1276 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1278
	Address <Adr>	[0..1]	±		1278
	Contact <Ctct>	[0..1]			1278
	Name <Nm>	[0..1]	Text		1279
	GivenName <GvnNm>	[0..1]	Text		1279
	MiddleName <MddlNm>	[0..1]	Text		1279
	LastName <LastNm>	[0..1]	Text		1279
	HomePhone <HomePhne>	[0..1]	Text		1280
	BusinessPhone <BizPhne>	[0..1]	Text		1280
	MobilePhone <MobPhne>	[0..1]	Text		1280
	OtherPhone <OthrPhne>	[0..1]	Text		1280
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1280
	BusinessEmail <BizEmail>	[0..1]	Text		1280
	OtherEmail <OthrEmail>	[0..1]	Text		1280
	HomeFax <HomeFax>	[0..1]	Text		1280
	BusinessFax <BizFax>	[0..1]	Text		1280
	URL <URL>	[0..1]	Text		1281
	Language <Lang>	[0..1]	CodeSet		1281
	DateOfBirth <DtOfBirth>	[0..1]	Date		1281
	Age <Age>	[0..1]	Text		1281
	DriverCredential <DrvrCrdntl>	[0..*]			1281
	Type <Tp>	[1..1]	CodeSet		1281
	Form <Form>	[0..1]	CodeSet		1282
	Identification <Id>	[1..1]	Text		1282
	Assigner <Assgnr>	[0..1]	Text		1283
	IssuanceDate <IssncDt>	[0..1]	Date		1283
	ExpirationDate <XprtnDt>	[0..1]	Date		1283
	Country <Ctry>	[0..1]	CodeSet		1283
	LicenseType <LicTp>	[0..1]	Text		1283
	LicenseForm <LicForm>	[0..1]	CodeSet		1283



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LicenseIdentification <LicId>	[0..1]	Text		1283
	LicenseAssigner <LicAssgnr>	[0..1]	CodeSet		1284
	LicenseIssuanceDate <LicIssncDt>	[0..1]	Date		1284
	LicenseExpirationDate <LicXprtnDt>	[0..1]	Date		1284
	LicenseCountry <LicCtry>	[0..1]	CodeSet		1284
	LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>	[0..1]	CodeSet		1284
	LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>	[0..1]	CodeSet		1284
	LicenseOtherAuthority <LicOthrAuthrty>	[0..1]	Text		1284

#### 47.1.8.20.13 LoyaltyProgramme <LltyPrgrmm>

*Presence:* [0..1]

*Definition:* Loyalty programme of car rental applied.

**LoyaltyProgramme <LltyPrgrmm>** contains the following elements (see "[LoyaltyProgramme4](#)" on page 1441 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1442
	Identification <Id>	[0..1]	Text		1442
	ParticipantIdentification <Ptcptld>	[0..1]	Text		1442

#### 47.1.8.20.14 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 1864

#### 47.1.8.20.15 RentalAgreement <RntlAgrmt>

*Presence:* [0..1]

*Definition:* Agreement (contract) related to a vehicle rental service.

**RentalAgreement <RntlAgrmt>** contains the following elements (see "VehicleRentalAgreement3" on page 1235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Number <Nb>	[0..1]	Text		1236
	Adjusted <Adjstd>	[0..1]	Indicator		1236
	RentalLocation <RntlLctn>	[0..1]	±		1237
	PickupLocation <PckpLctn>	[0..*]	±		1237
	CheckOutDate <ChckOutDt>	[0..1]	Date		1238
	CheckOutTime <ChckOutTm>	[0..1]	Time		1238
	ReturnLocation <RtrLctn>	[0..1]	±		1238
	CheckInDate <ChckInDt>	[0..1]	Date		1239
	CheckInTime <ChckInTm>	[0..1]	Time		1239
	Duration <Drtn>	[0..1]	Text		1239
	Class <Clss>	[0..1]	Text		1239
	Make <Make>	[0..1]	Text		1239
	Model <Mdl>	[0..1]	Text		1240
	RegistrationNumber <RegnNb>	[0..1]	Text		1240
	TravelDistance <TrvlDstnc>	[0..1]	±		1240
	RentalRate <RntlRate>	[0..*]	±		1240
	RentalDetails <RntlDtls>	[0..1]	±		1240
	Insurance <Insrnc>	[0..1]	Indicator		1242
	AdditionalAmount <AddtlAmt>	[0..*]	±		1242
	EstimatedTax <EstmtdTax>	[0..*]	±		1243
	DiscountProgramme <DscntPrgrmm>	[0..*]			1243
	Type <Tp>	[0..1]	Text		1243
	Value <Val>	[1..1]	Text		1244
	LoyaltyProgramme <LltyPrgrmm>	[0..*]	±		1244

#### 47.1.8.20.16 RentalInvoice <RntlInvc>

*Presence:* [0..1]

*Definition:* Invoice related to a vehicle rental service.

**RentalInvoice <RntlInvc>** contains the following elements (see "VehicleRentalInvoice3" on page 1312 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NoShow <NoShow>	[0..1]	Indicator		1313
	Adjusted <Adjstd>	[0..1]	Indicator		1314
	ReturnLocation <RtrLctn>	[0..1]	±		1314
	CheckOutDate <ChckOutDt>	[0..1]	Date		1314
	CheckOutTime <ChckOutTm>	[0..1]	Time		1314
	CheckInDate <ChckInDt>	[0..1]	Date		1315
	CheckInTime <ChckInTm>	[0..1]	Time		1315
	Duration <Drtn>	[0..1]	Text		1315
	ClassInvoiced <ClssInvcd>	[0..1]	Text		1315
	MakeInvoiced <MakeInvcd>	[0..1]	Text		1315
	ModelInvoiced <MdllInvcd>	[0..1]	Text		1315
	RegistrationNumberInvoiced <RegnNbInvcd>	[0..1]	Text		1315
	ClassProvided <ClssPrvdd>	[0..1]	Text		1315
	MakeProvided <MakePrvdd>	[0..1]	Text		1316
	ModelProvided <MdllPrvdd>	[0..1]	Text		1316
	RegistrationNumberProvided <RegnNbPrvdd>	[0..1]	Text		1316
	DistanceUnit <DstncUnit>	[0..1]	CodeSet		1316
	OdometerStart <OdmtrStart>	[0..1]	Text		1316
	OdometerReturn <OdmtrRtr>	[0..1]	Text		1316
	TotalDistance <TtlDstnc>	[0..1]	Text		1316
	FreeDistance <FreeDstnc>	[0..1]	Text		1317
	DistanceRate <DstncRate>	[0..1]	Amount		1317
	Charge <Chrg>	[0..*]	±		1317
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1317
	Insurance <Insrnc>	[0..1]	Indicator		1317
	AdditionalAmount <AddtlAmt>	[0..*]	±		1317
	Tax <Tax>	[0..*]	±		1318

#### 47.1.8.20.17 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional user-defined data pertaining to the vehicle rental.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.8.21 VehicleRentalInvoice3

*Definition:* Invoice related to a vehicle rental service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NoShow <NoShow>	[0..1]	Indicator		1313
	Adjusted <Adjstd>	[0..1]	Indicator		1314
	ReturnLocation <RtrLctn>	[0..1]	±		1314
	CheckOutDate <ChckOutDt>	[0..1]	Date		1314
	CheckOutTime <ChckOutTm>	[0..1]	Time		1314
	CheckInDate <ChckInDt>	[0..1]	Date		1315
	CheckInTime <ChckInTm>	[0..1]	Time		1315
	Duration <Drtn>	[0..1]	Text		1315
	ClassInvoiced <ClssInvcd>	[0..1]	Text		1315
	MakeInvoiced <MakeInvcd>	[0..1]	Text		1315
	ModelInvoiced <MdllInvcd>	[0..1]	Text		1315
	RegistrationNumberInvoiced <RegnNbInvcd>	[0..1]	Text		1315
	ClassProvided <ClssPrvdd>	[0..1]	Text		1315
	MakeProvided <MakePrvdd>	[0..1]	Text		1316
	ModelProvided <MdllPrvdd>	[0..1]	Text		1316
	RegistrationNumberProvided <RegnNbPrvdd>	[0..1]	Text		1316
	DistanceUnit <DstncUnit>	[0..1]	CodeSet		1316
	OdometerStart <OdmtrStart>	[0..1]	Text		1316
	OdometerReturn <OdmtrRtr>	[0..1]	Text		1316
	TotalDistance <TtlDstnc>	[0..1]	Text		1316
	FreeDistance <FreeDstnc>	[0..1]	Text		1317
	DistanceRate <DstncRate>	[0..1]	Amount		1317
	Charge <Chrg>	[0..*]	±		1317
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1317
	Insurance <Insrnc>	[0..1]	Indicator		1317
	AdditionalAmount <AddtlAmt>	[0..*]	±		1317
	Tax <Tax>	[0..*]	±		1318

#### 47.1.8.21.1 NoShow <NoShow>

*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 1854):

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

47.1.8.21.2 Adjusted <Adjstd>

*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 1854):

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

47.1.8.21.3 ReturnLocation <RtrLctn>

*Presence:* [0..1]

*Definition:* Location to which vehicle was returned.

**ReturnLocation <RtrLctn>** contains the following elements (see ["Address2"](#) on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

47.1.8.21.4 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 1854

47.1.8.21.5 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 1869

#### **47.1.8.21.6 CheckInDate <ChckInDt>**

*Presence:* [0..1]

*Definition:* Date when the vehicle was returned to the rental agency.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.21.7 CheckInTime <ChckInTm>**

*Presence:* [0..1]

*Definition:* Time when the vehicle was returned to the rental agency.

*Datatype:* "ISOTime" on page 1869

#### **47.1.8.21.8 Duration <Drtn>**

*Presence:* [0..1]

*Definition:* Duration of rental in days.

*Datatype:* "Max4NumericText" on page 1865

#### **47.1.8.21.9 ClassInvoiced <ClssInvcd>**

*Presence:* [0..1]

*Definition:* Contains the classification of the vehicle (for example, economy, intermediate, luxury, etc.) on invoice

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.21.10 MakeInvoiced <MakeInvcd>**

*Presence:* [0..1]

*Definition:* Brand or manufacturer of the vehicle on invoice.

*Datatype:* "Max35NumericText" on page 1864

#### **47.1.8.21.11 ModelInvoiced <MdllInvcd>**

*Presence:* [0..1]

*Definition:* Product line of vehicle within the make on invoice.

*Datatype:* "Max35NumericText" on page 1864

#### **47.1.8.21.12 RegistrationNumberInvoiced <RegnNbInvcd>**

*Presence:* [0..1]

*Definition:* Registration number of vehicle on invoice.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.21.13 ClassProvided <ClssPrvdd>**

*Presence:* [0..1]

*Definition:* Contains the classification of the provide vehicle (for example, economy, intermediate, luxury, etc.)

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.21.14 MakeProvided <MakePrvdd>**

*Presence:* [0..1]

*Definition:* Brand or manufacturer of the provided vehicle.

*Datatype:* "Max35NumericText" on page 1864

#### **47.1.8.21.15 ModelProvided <MdIPrvdd>**

*Presence:* [0..1]

*Definition:* Product line of provided vehicle within the make.

*Datatype:* "Max35NumericText" on page 1864

#### **47.1.8.21.16 RegistrationNumberProvided <RegnNbPrvdd>**

*Presence:* [0..1]

*Definition:* Registration number of the provided vehicle.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.21.17 DistanceUnit <DstncUnit>**

*Presence:* [0..1]

*Definition:* Unit of measure used to compute the distance.

*Datatype:* "UnitOfMeasure10Code" on page 1850

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.

#### **47.1.8.21.18 OdometerStart <OdmtrStart>**

*Presence:* [0..1]

*Definition:* Odometer reading at start of rental (at the time of vehicle check-out).

*Datatype:* "Max10NumericText" on page 1860

#### **47.1.8.21.19 OdometerReturn <OdmtrRtr>**

*Presence:* [0..1]

*Definition:* Odometer reading at return of rental (at the time of vehicle check-in).

*Datatype:* "Max10NumericText" on page 1860

#### **47.1.8.21.20 TotalDistance <TtlDstnc>**

*Presence:* [0..1]

*Definition:* Total distance expressed in unit of measure.

*Datatype:* "Max10NumericText" on page 1860



#### 47.1.8.21.21 FreeDistance <FreeDstnc>

*Presence:* [0..1]

*Definition:* Maximum free miles or kilometres for the car rental period.

*Datatype:* "Max10NumericText" on page 1860

#### 47.1.8.21.22 DistanceRate <DstncRate>

*Presence:* [0..1]

*Definition:* Defines the rate in relation to a specific distance.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.21.23 Charge <Chrg>

*Presence:* [0..\*]

*Definition:* Vehicle rental charge.

**Charge <Chrg>** contains the following elements (see "RentalRate1" on page 1690 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Period <Prd>	[0..1]	CodeSet		1691
	OtherPeriod <OthrPrd>	[0..1]	Text		1691
	Rate <Rate>	[0..1]	Amount		1691
	PeriodCount <PrdCnt>	[0..1]	Text		1691

#### 47.1.8.21.24 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 1864

#### 47.1.8.21.25 Insurance <Insrnc>

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.8.21.26 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 "Amount21" on page 1176 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1177
	OtherType <OthrTp>	[0..1]	Text		1178
	Amount <Amt>	[0..1]	Amount		1178
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1178
	CustomerNotified <CstmrNtfd>	[0..1]	Indicator		1178

#### 47.1.8.21.27 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.22 TravelAgencyPackage2

*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		1319
	Type <Tp>	[0..1]	Text		1319
	NumberInParty <NbInPty>	[0..1]	Text		1319
	CustomerReference <CstmrRef>	[0..*]			1319
	Identification <Id>	[0..1]	Text		1320
	Detail <Dtl>	[0..1]	Text		1320
	DataSource <DataSrc>	[0..1]	Text		1320
	DeliveryOrderNumber <DlvryOrdrNb>	[0..1]	Text		1320
	CreditCardSlipNumber <CdtCardSlipNb>	[0..1]	Text		1320
	Insurance <Insrnc>	[0..1]	Indicator		1320
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1320
	Fee <Fee>	[0..1]	Amount		1321

#### 47.1.8.22.1 ReservationNumber <RsvatnNb>

*Presence:* [0..1]

*Definition:* Reservation number or identifier.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.22.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Describes the type of travel offering provided by the travel agency or partner.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.22.3 NumberInParty <NbInPty>

*Presence:* [0..1]

*Definition:* Number of people included in the travel arrangements.

*Datatype:* "Max10NumericText" on page 1860

#### 47.1.8.22.4 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		1320
	Detail <Dtl>	[0..1]	Text		1320

#### 47.1.8.22.4.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Defines the content of the value provided in the Customer Reference detail.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.22.4.2 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 1867

#### 47.1.8.22.5 DataSource <DataSrc>

*Presence:* [0..1]

*Definition:* Indicates the source of enhanced data that is matched to the transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.22.6 DeliveryOrderNumber <DlvryOrdrNb>

*Presence:* [0..1]

*Definition:* Contains a customer invoice number for a rail sale to a corporate account.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.22.7 CreditCardSlipNumber <CdtCardSlipNb>

*Presence:* [0..1]

*Definition:* Contains a slip number from the credit card slip.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.22.8 Insurance <Insrnc>

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.8.22.9 InsuranceAmount <InsrncAmt>

*Presence:* [0..1]

*Definition:* Cost of the insurance purchased.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.22.10 Fee <Fee>

*Presence:* [0..1]

*Definition:* Travel agency fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.23 HiredVehicle3

*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		1321
	CompanyName <CpnyNm>	[0..1]	Text		1321
	TypeOfVehicle <TpOfVhcl>	[0..1]	Text		1321
	VehicleIdentification <VhclId>	[0..1]	Text		1321
	DriverIdentification <DrvrId>	[0..1]	Text		1322
	DriverTaxIdentification <DrvrTaxId>	[0..1]	Text		1322
	DestinationNameAndLocation <DstnNmAndLctn>	[0..1]	Text		1322
	DestinationAddress <DstnAdr>	[0..1]	±		1322

##### 47.1.8.23.1 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 1864

##### 47.1.8.23.2 CompanyName <CpnyNm>

*Presence:* [0..1]

*Definition:* Contains the name of the company that provided the hired vehicle services.

*Datatype:* "Max70Text" on page 1867

##### 47.1.8.23.3 TypeOfVehicle <TpOfVhcl>

*Presence:* [0..1]

*Definition:* Contains the type of vehicle that was hired (for example, limousine, black, SUV).

*Datatype:* "Max35Text" on page 1864

##### 47.1.8.23.4 VehicleIdentification <VhclId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.23.5 DriverIdentification <DrvrId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.23.6 DriverTaxIdentification <DrvrTaxId>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.23.7 DestinationNameAndLocation <DstnNmAndLctn>

*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 1868

#### 47.1.8.23.8 DestinationAddress <DstnAdr>

*Presence:* [0..1]

*Definition:* Specific address of the destination.

**DestinationAddress <DstnAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### **47.1.8.24 ShippingPackage3**

*Definition:* Contains the details of the package

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackingNumber <TrckgNb>	[0..1]	Text		1325
	SupplierName <SpplrNm>	[0..1]	Text		1325
	SupplierIdentification <SpplrId>	[0..1]	±		1325
	SupplierAddress <SpplrAdr>	[0..1]	±		1326
	SupplierContact <SpplrCtct>	[0..1]			1326
	Name <Nm>	[0..1]	Text		1327
	GivenName <GvnNm>	[0..1]	Text		1327
	MiddleName <MddlNm>	[0..1]	Text		1327
	LastName <LastNm>	[0..1]	Text		1327
	Phone <Phne>	[0..1]	Text		1327
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1328
	TollFreePhone <TollFreePhne>	[0..1]	Text		1328
	Email <Email>	[0..1]	Text		1328
	Fax <Fax>	[0..1]	Text		1328
	URL <URL>	[0..1]	Text		1328
	Language <Lang>	[0..1]	CodeSet		1328
	SupplierInstructions <SpplrInstrs>	[0..1]	Text		1328
	PickupDate <PckpDt>	[0..1]	Date		1328
	PickupTime <PckpTm>	[0..1]	Time		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	DeliveryAddress <DlvryAdr>	[0..1]	±		1329
	DeliveryContact <DlvryCtct>	[0..1]			1329
	Name <Nm>	[0..1]	Text		1330
	GivenName <GvnNm>	[0..1]	Text		1330
	MiddleName <MddlNm>	[0..1]	Text		1330
	LastName <LastNm>	[0..1]	Text		1330
	HomePhone <HomePhne>	[0..1]	Text		1331
	BusinessPhone <BizPhne>	[0..1]	Text		1331
	MobilePhone <MobPhne>	[0..1]	Text		1331
	OtherPhone <OthrPhne>	[0..1]	Text		1331
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1331



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BusinessEmail <BizEmail>	[0..1]	Text		1331
	OtherEmail <OthrEmail>	[0..1]	Text		1331
	HomeFax <HomeFax>	[0..1]	Text		1331
	BusinessFax <BizFax>	[0..1]	Text		1331
	URL <URL>	[0..1]	Text		1332
	Language <Lang>	[0..1]	CodeSet		1332
	DeliveryInstructions <DlvryInstrs>	[0..1]	Text		1332
	DeliveryDate <DlvryDt>	[0..1]	Date		1332
	DeliveryTime <DlvryTm>	[0..1]	Time		1332
	WeightUnit <WghtUnit>	[0..1]	CodeSet		1332
	OtherWeightUnit <OthrWghtUnit>	[0..1]	Text		1334
	NumberOfUnits <NbOfUnits>	[0..1]	Quantity		1334
	Product <Pdct>	[0..*]			1334
	Code <Cd>	[0..1]	Text		1334
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1334
	Insurance <Insrnc>	[0..1]	Indicator		1335
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1335

#### 47.1.8.24.1 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 1867

#### 47.1.8.24.2 SupplierName <SpplrNm>

*Presence:* [0..1]

*Definition:* Name of the supplier

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.24.3 SupplierIdentification <Spplrld>

*Presence:* [0..1]

*Definition:* Contains identification details of the supplier.

**SupplierIdentification <SpplrId>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

#### 47.1.8.24.4 SupplierAddress <SpplrAdr>

*Presence:* [0..1]

*Definition:* Address of the supplier.

**SupplierAddress <SpplrAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.24.5 SupplierContact <SpplrCtct>

*Presence:* [0..1]

*Definition:* Contact information related to the supplier.

**SupplierContact <SpplrCtct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1327
	GivenName <GvnNm>	[0..1]	Text		1327
	MiddleName <MddlNm>	[0..1]	Text		1327
	LastName <LastNm>	[0..1]	Text		1327
	Phone <Phne>	[0..1]	Text		1327
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1328
	TollFreePhone <TollFreePhne>	[0..1]	Text		1328
	Email <Email>	[0..1]	Text		1328
	Fax <Fax>	[0..1]	Text		1328
	URL <URL>	[0..1]	Text		1328
	Language <Lang>	[0..1]	CodeSet		1328

#### 47.1.8.24.5.1 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 1867

#### 47.1.8.24.5.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.24.5.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.24.5.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.24.5.5 Phone <Phne>

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.24.5.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.24.5.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.24.5.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.24.5.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.24.5.10 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.24.5.11 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.8.24.6 SupplierInstructions <SpplrInstrs>**

*Presence:* [0..1]

*Definition:* Supplier special instructions.

*Datatype:* "Max350Text" on page 1864

#### **47.1.8.24.7 PickupDate <PckpDt>**

*Presence:* [0..1]

*Definition:* Contains the date the package is picked up.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.24.8 PickupTime <PckpTm>**

*Presence:* [0..1]

*Definition:* Contains the time the package is picked up.

*Datatype:* "ISOTime" on page 1869

#### 47.1.8.24.9 DeliveryNoteNumber <DlvryNoteNb>

*Presence:* [0..1]

*Definition:* Contains the number identifying an individual delivery note.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.24.10 DeliveryAddress <DlvryAdr>

*Presence:* [0..1]

*Definition:* Delivery address.

**DeliveryAddress <DlvryAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.24.11 DeliveryContact <DlvryCtct>

*Presence:* [0..1]

*Definition:* Contact for delivery.

**DeliveryContact <DlvryCtct>** contains the following **ContactPersonal1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1330
	GivenName <GvnNm>	[0..1]	Text		1330
	MiddleName <MddINm>	[0..1]	Text		1330
	LastName <LastNm>	[0..1]	Text		1330
	HomePhone <HomePhne>	[0..1]	Text		1331
	BusinessPhone <BizPhne>	[0..1]	Text		1331
	MobilePhone <MobPhne>	[0..1]	Text		1331
	OtherPhone <OthrPhne>	[0..1]	Text		1331
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1331
	BusinessEmail <BizEmail>	[0..1]	Text		1331
	OtherEmail <OthrEmail>	[0..1]	Text		1331
	HomeFax <HomeFax>	[0..1]	Text		1331
	BusinessFax <BizFax>	[0..1]	Text		1331
	URL <URL>	[0..1]	Text		1332
	Language <Lang>	[0..1]	CodeSet		1332

#### 47.1.8.24.11.1 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 1867

#### 47.1.8.24.11.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.24.11.3 MiddleName <MddINm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.24.11.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

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**47.1.8.24.11.5 HomePhone <HomePhne>**

*Presence:* [0..1]

*Definition:* Home phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.8.24.11.6 BusinessPhone <BizPhne>**

*Presence:* [0..1]

*Definition:* Business phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.8.24.11.7 MobilePhone <MobPhne>**

*Presence:* [0..1]

*Definition:* Mobile phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.8.24.11.8 OtherPhone <OthrPhne>**

*Presence:* [0..1]

*Definition:* Other phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.8.24.11.9 PersonalEmail <PrsnlEmail>**

*Presence:* [0..1]

*Definition:* Personal email address of contact.

*Datatype:* "Max256Text" on page 1863

**47.1.8.24.11.10 BusinessEmail <BizEmail>**

*Presence:* [0..1]

*Definition:* Business email address of contact.

*Datatype:* "Max256Text" on page 1863

**47.1.8.24.11.11 OtherEmail <OthrEmail>**

*Presence:* [0..1]

*Definition:* Other email address of contact.

*Datatype:* "Max256Text" on page 1863

**47.1.8.24.11.12 HomeFax <HomeFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

**47.1.8.24.11.13 BusinessFax <BizFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.24.11.14 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.24.11.15 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.8.24.12 DeliveryInstructions <DlvryInstrs>**

*Presence:* [0..1]

*Definition:* Special delivery instructions.

*Datatype:* "Max350Text" on page 1864

#### **47.1.8.24.13 DeliveryDate <DlvryDt>**

*Presence:* [0..1]

*Definition:* Contains the package delivery date.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.24.14 DeliveryTime <DlvryTm>**

*Presence:* [0..1]

*Definition:* Contains the package delivery time.

*Datatype:* "ISOTime" on page 1869

#### **47.1.8.24.15 WeightUnit <WghtUnit>**

*Presence:* [0..1]

*Definition:* Unit of measure of the item being shipped.

*Datatype:* "UnitOfMeasure1Code" on page 1850

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.



CodeName	Name	Definition
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.
SMIL	SquareMillimetre	Measure of a surface, one millimetre by one millimetre.

CodeName	Name	Definition
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.

**47.1.8.24.16 OtherWeightUnit <OthrWghtUnit>**

*Presence:* [0..1]

*Definition:* Other unit of measure the item being shipped .

*Datatype:* "Max35Text" on page 1864

**47.1.8.24.17 NumberOfUnits <NbOfUnits>**

*Presence:* [0..1]

*Definition:* Number of units.

*Datatype:* "DecimalNumber" on page 1855

**47.1.8.24.18 Product <Pdct>**

*Presence:* [0..\*]

*Definition:* Contains the product details.

**Product <Pdct>** contains the following **Product8** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Code <Cd>	[0..1]	Text		1334
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1334

**47.1.8.24.18.1 Code <Cd>**

*Presence:* [0..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 1867

**47.1.8.24.18.2 SummaryCommodityIdentification <SummryCmmdtyId>**

*Presence:* [0..1]

*Definition:* Provides the identifier assigned by the card acceptor that best categorizes the items being purchased in a standardized commodity group.

*Datatype:* "Max35Text" on page 1864

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#### **47.1.8.24.19 Insurance <Insrnc>**

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.8.24.20 InsuranceAmount <InsrncAmt>**

*Presence:* [0..1]

*Definition:* Amount of insurance.

*Datatype:* ["ImpliedCurrencyAndAmount" on page 1783](#)

#### **47.1.8.25 TravelAgency4**

*Definition:* Travel agency component provides details of travel agency, airline, or railway transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Code <Cd>	[0..1]	Text		1336
	Assigner <Assgnr>	[0..1]	Text		1336
	IATACode <IATACd>	[0..1]	Text		1336
	Name <Nm>	[0..1]	Text		1337
	ShortName <ShrtNm>	[0..1]	Text		1337
	Address <Adr>	[0..1]	±		1337
	Contact <Ctct>	[0..1]			1337
	Name <Nm>	[0..1]	Text		1338
	GivenName <GvnNm>	[0..1]	Text		1338
	MiddleName <MddlNm>	[0..1]	Text		1338
	LastName <LastNm>	[0..1]	Text		1338
	Phone <Phne>	[0..1]	Text		1338
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1339
	TollFreePhone <TollFreePhne>	[0..1]	Text		1339
	Email <Email>	[0..1]	Text		1339
	Fax <Fax>	[0..1]	Text		1339
	URL <URL>	[0..1]	Text		1339
	Language <Lang>	[0..1]	CodeSet		1339
	TravelPackage <TrvlPackg>	[0..*]	±		1339
	AdditionalData <AddtlData>	[0..*]	±		1340

#### 47.1.8.25.1 Code <Cd>

*Presence:* [0..1]

*Definition:* Contains an agency code or name.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.25.2 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Assigner of the agency code.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.25.3 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 1864

#### 47.1.8.25.4 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the travel agency.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.25.5 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the travel agency.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.25.6 Address <Adr>

*Presence:* [0..1]

*Definition:* Address of the travel agency.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.25.7 Contact <Ctct>

*Presence:* [0..1]

*Definition:* Contact information related to the travel agency.

**Contact <Ctct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1338
	GivenName <GvnNm>	[0..1]	Text		1338
	MiddleName <MddlNm>	[0..1]	Text		1338
	LastName <LastNm>	[0..1]	Text		1338
	Phone <Phne>	[0..1]	Text		1338
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1339
	TollFreePhone <TollFreePhne>	[0..1]	Text		1339
	Email <Email>	[0..1]	Text		1339
	Fax <Fax>	[0..1]	Text		1339
	URL <URL>	[0..1]	Text		1339
	Language <Lang>	[0..1]	CodeSet		1339

#### 47.1.8.25.7.1 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 1867

#### 47.1.8.25.7.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.25.7.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.25.7.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.25.7.5 Phone <Phne>

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

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#### **47.1.8.25.7.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.25.7.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.25.7.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.25.7.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.25.7.10 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.25.7.11 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.8.25.8 TravelPackage <TrvlPackg>**

*Presence:* [0..\*]

*Definition:* Provides detailed information about the travel package, excluding specific itinerary data.

**TravelPackage <TrvlPackg>** contains the following elements (see "[TravelAgencyPackage2](#)" on page 1318 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReservationNumber <RsvatnNb>	[0..1]	Text		1319
	Type <Tp>	[0..1]	Text		1319
	NumberInParty <NbInPty>	[0..1]	Text		1319
	CustomerReference <CstmrRef>	[0..*]			1319
	Identification <Id>	[0..1]	Text		1320
	Detail <Dtl>	[0..1]	Text		1320
	DataSource <DataSrc>	[0..1]	Text		1320
	DeliveryOrderNumber <DlvryOrdrrNb>	[0..1]	Text		1320
	CreditCardSlipNumber <CdtCardSlipNb>	[0..1]	Text		1320
	Insurance <Insrnc>	[0..1]	Indicator		1320
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1320
	Fee <Fee>	[0..1]	Amount		1321

#### 47.1.8.25.9 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Provides additional travel details.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.8.26 LoyaltyProgramme5

*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
	Eligibility <Elgblty>	[0..*]	Indicator		1341
	Issuer <Issr>	[0..1]	Text		1341
	MemberName <MmbNm>	[0..1]	±		1341
	MemberAddress <MmbAdr>	[0..1]	±		1342
	MemberIdentification <Mmbld>	[0..1]	Text		1342
	MemberStatus <MmbSts>	[0..1]	Text		1342
	ExpirationDate <XprtnDt>	[0..1]	Date		1343
	Value <Val>	[0..1]	Text		1343
	ValueType <ValTp>	[0..1]	CodeSet		1343
	OtherValueType <OthrValTp>	[0..1]	Text		1343
	ValueToCredit <ValToCdt>	[0..1]	Text		1343
	ValueToDebit <ValToDbt>	[0..1]	Text		1343
	Balance <Bal>	[0..1]	Text		1343

#### 47.1.8.26.1 Eligibility <Elgblty>

*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 1854):

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

#### 47.1.8.26.2 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Entity issuing the loyalty programme.

*Datatype:* ["Max35Text"](#) on page 1864

#### 47.1.8.26.3 MemberName <MmbNm>

*Presence:* [0..1]

*Definition:* Name of the member of the loyalty programme.

**MemberName <MmbNm>** contains the following elements (see ["CardholderName3"](#) on page 1657 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1657
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1658

#### 47.1.8.26.4 MemberAddress <MmbAdr>

*Presence:* [0..1]

*Definition:* Address of the loyalty member.

**MemberAddress <MmbAdr>** contains the following elements (see ["Address2"](#) on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.26.5 MemberIdentification <Mmbld>

*Presence:* [0..1]

*Definition:* Identification of the member of the loyalty programme.

*Datatype:* ["Max35Text"](#) on page 1864

#### 47.1.8.26.6 MemberStatus <MmbSts>

*Presence:* [0..1]

*Definition:* Status of the loyalty programme member for the programme.

*Datatype:* ["Max35Text"](#) on page 1864

#### 47.1.8.26.7 ExpirationDate <XprtnDt>

*Presence:* [0..1]

*Definition:* Expiration date of the loyalty programme.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.26.8 Value <Val>

*Presence:* [0..1]

*Definition:* Value expressed in type of value for the loyalty programme.

*Datatype:* "Max10NumericText" on page 1860

#### 47.1.8.26.9 ValueType <ValTp>

*Presence:* [0..1]

*Definition:* Type of value used for the loyalty programme.

*Datatype:* "LoyaltyValueType1Code" on page 1826

CodeName	Name	Definition
MILE	Miles	Value expressed in miles.
MONE	Monetary	Value expressed in monetary units.
OTHR	Other	Value expressed in any other type of loyalty value.
POIN	Points	Value expressed in points.
PRIV	PrivateCurrency	Value expressed in a private currency.

#### 47.1.8.26.10 OtherValueType <OthrValTp>

*Presence:* [0..1]

*Definition:* Other type of loyalty value used for the programme.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.26.11 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 1860

#### 47.1.8.26.12 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 1860

#### 47.1.8.26.13 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 1860

### 47.1.8.27 AncillaryPurchase3

*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
	DocumentNumber <DocNb>	[0..1]	Text		1344
	RelatedDocumentNumber <RltdDocNb>	[0..1]	Text		1344
	ServiceCategoryCode <SvcCtgyCd>	[0..1]	Text		1344
	ServiceSubCategoryCode <SvcSubCtgyCd>	[0..1]	Text		1344
	ServiceProviderServiceType <SvcPrvdrSvcTp>	[0..1]	Text		1345
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1345
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1345
	Amount <Amt>	[0..1]	Amount		1345
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1345
	Fee <Fee>	[0..1]	Amount		1345
	Tax <Tax>	[0..*]	±		1345
	AdditionalData <AddtlData>	[0..*]	±		1346

#### 47.1.8.27.1 DocumentNumber <DocNb>

*Presence:* [0..1]

*Definition:* Contains the form number assigned by the carrier for the transaction.

*Datatype:* "Max15Text" on page 1861

#### 47.1.8.27.2 RelatedDocumentNumber <RltdDocNb>

*Presence:* [0..1]

*Definition:* Document number of related transport details.

*Datatype:* "Max15Text" on page 1861

#### 47.1.8.27.3 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 1865

#### 47.1.8.27.4 ServiceSubCategoryCode <SvcSubCtgyCd>

*Presence:* [0..1]

*Definition:* Contains ancillary service sub category code.

*Datatype:* "Max4Text" on page 1865

#### **47.1.8.27.5 ServiceProviderServiceType <SvcPrvdrSvcTp>**

*Presence:* [0..1]

*Definition:* Proprietary service type code assigned by the service provider.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.27.6 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 1864

#### **47.1.8.27.7 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 1864

#### **47.1.8.27.8 Amount <Amt>**

*Presence:* [0..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.8.27.9 CreditDebit <CdtDbt>**

*Presence:* [0..1]

*Definition:* Sign of the amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### **47.1.8.27.10 Fee <Fee>**

*Presence:* [0..1]

*Definition:* Subfield contains the ancillary fee amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.8.27.11 Tax <Tax>**

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.27.12 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional user-defined data pertaining to the transportation.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.8.28 ShippingData3

*Definition:* Shipping or Courier Service delivery.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InvoiceNumber <InvcNb>	[0..1]	Text		1347
	InvoiceCreationDateTime <InvcCreDtTm>	[0..1]	DateTime		1347
	ServiceDescriptorCode <SvcDscrptrCd>	[0..1]	Text		1347
	IncentiveAmount <IncntivAmt>	[0..1]	Amount		1347
	MiscellaneousExpenses <MiscExpnss>	[0..1]	Amount		1347
	Insurance <Insrnc>	[0..1]	Indicator		1348
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1348
	NetAmount <NetAmt>	[0..1]	Amount		1348
	Tax <Tax>	[0..*]	±		1348
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1348
	NumberOfPackages <NbOfPackgs>	[0..1]	Text		1349
	Package <Packg>	[0..*]	±		1349
	AdditionalData <AddtlData>	[0..*]	±		1351

#### 47.1.8.28.1 InvoiceNumber <InvcNb>

*Presence:* [0..1]

*Definition:* Contains the invoice number.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.28.2 InvoiceCreationDateTime <InvcCreDtTm>

*Presence:* [0..1]

*Definition:* Contains the date and time the electronic invoice was created.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.8.28.3 ServiceDescriptorCode <SvcDscrptrCd>

*Presence:* [0..1]

*Definition:* Contains a card acceptor designated code for the shipping service provided.

*Datatype:* "Max40Text" on page 1865

#### 47.1.8.28.4 IncentiveAmount <IncntivAmt>

*Presence:* [0..1]

*Definition:* Contains the amount of any incentives applied to the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.28.5 MiscellaneousExpenses <MiscExpnss>

*Presence:* [0..1]

*Definition:* Contains the amount of any miscellaneous expenses applicable to the transaction.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.28.6 Insurance <Insrnc>

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.8.28.7 InsuranceAmount <InsrncAmt>

*Presence:* [0..1]

*Definition:* Amount of insurance.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.28.8 NetAmount <NetAmt>

*Presence:* [0..1]

*Definition:* Contains the net amount of shipping expenses.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.28.9 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Contains the total tax amount for the entire purchase.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.28.10 SummaryCommodityIdentification <SummryCmmdtyId>

*Presence:* [0..1]



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*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 1864

#### **47.1.8.28.11 NumberOfPackages <NbOfPackgs>**

*Presence:* [0..1]

*Definition:* Contains the total number of packages being shipped or sent by the service provider.

*Datatype:* "Max6NumericText" on page 1866

#### **47.1.8.28.12 Package <Packg>**

*Presence:* [0..\*]

*Definition:* Contains the details of the package being shipped.

**Package <Packg>** contains the following elements (see "[ShippingPackage3](#)" on page 1323 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TrackingNumber <TrckgNb>	[0..1]	Text		1325
	SupplierName <SpplrNm>	[0..1]	Text		1325
	SupplierIdentification <SpplrId>	[0..1]	±		1325
	SupplierAddress <SpplrAdr>	[0..1]	±		1326
	SupplierContact <SpplrCtct>	[0..1]			1326
	Name <Nm>	[0..1]	Text		1327
	GivenName <GvnNm>	[0..1]	Text		1327
	MiddleName <MddlNm>	[0..1]	Text		1327
	LastName <LastNm>	[0..1]	Text		1327
	Phone <Phne>	[0..1]	Text		1327
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1328
	TollFreePhone <TollFreePhne>	[0..1]	Text		1328
	Email <Email>	[0..1]	Text		1328
	Fax <Fax>	[0..1]	Text		1328
	URL <URL>	[0..1]	Text		1328
	Language <Lang>	[0..1]	CodeSet		1328
	SupplierInstructions <SpplrInstrs>	[0..1]	Text		1328
	PickupDate <PckpDt>	[0..1]	Date		1328
	PickupTime <PckpTm>	[0..1]	Time		1328
	DeliveryNoteNumber <DlvryNoteNb>	[0..1]	Text		1329
	DeliveryAddress <DlvryAdr>	[0..1]	±		1329
	DeliveryContact <DlvryCtct>	[0..1]			1329
	Name <Nm>	[0..1]	Text		1330
	GivenName <GvnNm>	[0..1]	Text		1330
	MiddleName <MddlNm>	[0..1]	Text		1330
	LastName <LastNm>	[0..1]	Text		1330
	HomePhone <HomePhne>	[0..1]	Text		1331
	BusinessPhone <BizPhne>	[0..1]	Text		1331
	MobilePhone <MobPhne>	[0..1]	Text		1331
	OtherPhone <OthrPhne>	[0..1]	Text		1331
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1331

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	BusinessEmail <BizEmail>	[0..1]	Text		1331
	OtherEmail <OthrEmail>	[0..1]	Text		1331
	HomeFax <HomeFax>	[0..1]	Text		1331
	BusinessFax <BizFax>	[0..1]	Text		1331
	URL <URL>	[0..1]	Text		1332
	Language <Lang>	[0..1]	CodeSet		1332
	DeliveryInstructions <DlvryInstrs>	[0..1]	Text		1332
	DeliveryDate <DlvryDt>	[0..1]	Date		1332
	DeliveryTime <DlvryTm>	[0..1]	Time		1332
	WeightUnit <WghtUnit>	[0..1]	CodeSet		1332
	OtherWeightUnit <OthrWghtUnit>	[0..1]	Text		1334
	NumberOfUnits <NbOfUnits>	[0..1]	Quantity		1334
	Product <Pdct>	[0..*]			1334
	Code <Cd>	[0..1]	Text		1334
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1334
	Insurance <Insrnc>	[0..1]	Indicator		1335
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1335

#### 47.1.8.28.13 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Contains additional shipping data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.8.29 FleetData6

*Definition:* Fleet data pertaining to the payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Driver <Drvr>	[0..1]			1355
	Name <Nm>	[0..1]	Text		1355
	Identification <Id>	[0..1]	Text		1356
	LicenseType <LicTp>	[0..1]	Text		1356
	LicenseForm <LicForm>	[0..1]	CodeSet		1356
	LicenseIdentification <LicId>	[0..1]	Text		1356
	LicenseAssigner <LicAssgnr>	[0..1]	CodeSet		1356
	LicenseIssuanceDate <LicIssncDt>	[0..1]	Date		1356
	LicenseExpirationDate <LicXprtnDt>	[0..1]	Date		1357
	LicenseCountry <LicCtry>	[0..1]	CodeSet		1357
	LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>	[0..1]	CodeSet		1357
	LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>	[0..1]	CodeSet		1357
	LicenseOtherAuthority <LicOthrAuthrty>	[0..1]	Text		1357
	Employer <Mplyr>	[0..1]	Text		1357
	EmployeeIdentification <Mplyeeld>	[0..1]	Text		1357
	DepartmentNumber <DeptNb>	[0..1]	Text		1357
	AdditionalIdentification <AddtlId>	[0..*]			1358
	Type <Tp>	[1..1]	CodeSet		1358
	Form <Form>	[0..1]	CodeSet		1359
	Identification <Id>	[1..1]	Text		1359
	Assigner <Assgnr>	[0..1]	Text		1359
	IssuanceDate <IssncDt>	[0..1]	Date		1359
	ExpirationDate <XprtnDt>	[0..1]	Date		1359
	Country <Ctry>	[0..1]	CodeSet		1359
	DateOfBirth <DtOfBirth>	[0..1]	Date		1359
	AdditionalData <AddtlData>	[0..1]	±		1360
	Vehicle <Vhcl>	[0..1]			1360
	Number <Nb>	[0..1]	Text		1362
	IdentificationNumber <IdNb>	[0..1]	Text		1362
	FleetNumber <FleetNb>	[0..1]	Text		1362
	SubFleetNumber <SubFleetNb>	[0..1]	Text		1362

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	UnitNumber <UnitNb>	[0..1]	Text		1362
	TrailerNumber <TrlrNb>	[0..1]	Text		1362
	Tag <Tag>	[0..1]	Text		1362
	TagEntryMode <TagNtryMd>	[0..1]	CodeSet		1363
	Replacement <Rplcmnt>	[0..1]	Indicator		1363
	Odometer <Odmtr>	[0..1]	Quantity		1363
	Hubometer <Hbmtr>	[0..1]	Quantity		1363
	Maintenanceldentification <Mntncld>	[0..1]	Text		1364
	OnBoardDiagnostics <OnBrdDgnstcs>	[0..1]			1364
	EngineIdleTime <NgnIdleTm>	[0..1]	Quantity		1364
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1365
	EngineHours <NgnHrs>	[0..1]	Quantity		1365
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1365
	EngineLoad <NgnLd>	[0..1]	Text		1365
	EngineRPM <NgnRPM>	[0..1]	Text		1365
	EngineOilTemperature <NgnOilTmprtr>	[0..1]	Quantity		1365
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1365
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1366
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1366
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1366
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1366
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1366
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1366
	RefrigerationTemperature <RfrgrtnTmprtr>	[0..1]	Quantity		1366
	CoolantTemperature <CoolntTmprtr>	[0..1]	Quantity		1366
	BatteryVoltage <BttryVltg>	[0..1]	Text		1367
	HardBraking <HardBrakg>	[0..1]	Text		1367
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	EntryMode <NtryMd>	[0..1]	CodeSet		1367

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Data <Data>	[1..1]	Text		1368
	DriverOrVehicleCard <DrvOrVhclCard>	[0..1]			1368
	Identification <Id>	[0..1]	Text		1368
	AdditionalData <AddtlData>	[0..*]	±		1368
	CardFuelPromptCode <CardFuelPrmptCd>	[0..1]	Quantity		1369
	AgentFuelPromptCode <AgtFuelPrmptCd>	[0..1]	Text		1369
	TripNumber <TripNb>	[0..1]	Text		1369
	TripJobNumber <TripJobNb>	[0..1]	Text		1369
	TripWorkOrder <TripWorkOrd>	[0..1]	Text		1369
	TripInvoiceNumber <TripInvNb>	[0..1]	Text		1369
	TripBillingIdentification <TripBllgId>	[0..1]	Text		1369
	TripControlNumber <TripCtrlNb>	[0..1]	Text		1369
	TripDeliveryTicketNumber <TripDlvryTcktNb>	[0..1]	Text		1370
	LocalAmenity <LclAmnty>	[0..*]			1370
	Type <Tp>	[1..1]	CodeSet		1370
	OtherType <OthrTp>	[0..1]	Text		1371
	AvailableIndicator <AvlblInd>	[0..1]	Indicator		1371
	TransactionRelatedData <TxRltdData>	[0..*]			1371
	PurchaseType <PurchsTp>	[0..1]	CodeSet		1371
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1372
	DiscountTotalAmount <DscntTtlAmt>	[0..1]	Amount		1372
	DiscountTotalFuelAmount <DscntTtlFuelAmt>	[0..1]	Amount		1372
	DiscountTotalNonFuelAmount <DscntTtlNonFuelAmt>	[0..1]	Amount		1372
	TotalAmount <TtlAmt>	[0..1]	Amount		1372
	TaxTotal <TaxTtl>	[0..*]	±		1372
	AdditionalEnteredData <AddtlNtrdData>	[0..1]			1373
	Numeric <Nmrc>	[0..1]	Text		1373
	AlphaNumeric <AlphaNmrc>	[0..1]	Text		1373
	AdditionalData <AddtlData>	[0..1]	Text		1373
	LineItem <Lineitm>	[0..*]	±		1374

**47.1.8.29.1 Driver <Drvr>***Presence:* [0..1]*Definition:* Contains driver-related information.**Driver <Drvr>** contains the following **Driver3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1355
	Identification <Id>	[0..1]	Text		1356
	LicenseType <LicTp>	[0..1]	Text		1356
	LicenseForm <LicForm>	[0..1]	CodeSet		1356
	LicenseIdentification <LicId>	[0..1]	Text		1356
	LicenseAssigner <LicAssgnr>	[0..1]	CodeSet		1356
	LicenseIssuanceDate <LicIssncDt>	[0..1]	Date		1356
	LicenseExpirationDate <LicXprtnDt>	[0..1]	Date		1357
	LicenseCountry <LicCtry>	[0..1]	CodeSet		1357
	LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>	[0..1]	CodeSet		1357
	LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>	[0..1]	CodeSet		1357
	LicenseOtherAuthority <LicOthrAuthrty>	[0..1]	Text		1357
	Employer <Mplyr>	[0..1]	Text		1357
	EmployeeIdentification <Mplyeeld>	[0..1]	Text		1357
	DepartmentNumber <DeptNb>	[0..1]	Text		1357
	AdditionalIdentification <AddtlId>	[0..*]			1358
	Type <Tp>	[1..1]	CodeSet		1358
	Form <Form>	[0..1]	CodeSet		1359
	Identification <Id>	[1..1]	Text		1359
	Assigner <Assgnr>	[0..1]	Text		1359
	IssuanceDate <IssncDt>	[0..1]	Date		1359
	ExpirationDate <XprtnDt>	[0..1]	Date		1359
	Country <Ctry>	[0..1]	CodeSet		1359
	DateOfBirth <DtOfBirth>	[0..1]	Date		1359
	AdditionalData <AddtlData>	[0..1]	±		1360

**47.1.8.29.1.1 Name <Nm>***Presence:* [0..1]*Definition:* Name of fleet driver.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.29.1.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Fleet driver identification.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.29.1.3 LicenseType <LicTp>

*Presence:* [0..1]

*Definition:* Type of driving license.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.29.1.4 LicenseForm <LicForm>

*Presence:* [0..1]

*Definition:* Form of driving license.

*Datatype:* "PresentationMedium2Code" on page 1838

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.

#### 47.1.8.29.1.5 LicenseIdentification <LicId>

*Presence:* [0..1]

*Definition:* Identification of the driver license (for example, driver license number).

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.29.1.6 LicenseAssigner <LicAssgnr>

*Presence:* [0..1]

*Definition:* Authority assigning an identification to a driver license.

*Datatype:* "LegalStructure1Code" on page 1823

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.

#### 47.1.8.29.1.7 LicenseIssuanceDate <LicIssncDt>

*Presence:* [0..1]



*Definition:* Date of issuance of the driving license.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.29.1.8 LicenseExpirationDate <LicXprtnDt>**

*Presence:* [0..1]

*Definition:* Expiration date of the driving license (if and when relevant).

*Datatype:* "ISODate" on page 1854

#### **47.1.8.29.1.9 LicenseCountry <LicCtry>**

*Presence:* [0..1]

*Definition:* Country issuing the driver license.

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### **47.1.8.29.1.10 LicenseCountrySubDivisionMajor <LicCtrySubDvsnMjr>**

*Presence:* [0..1]

*Definition:* Country Sub Division major issuing the driver license (if and when relevant).

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

#### **47.1.8.29.1.11 LicenseCountrySubDivisionMinor <LicCtrySubDvsnMnr>**

*Presence:* [0..1]

*Definition:* Country Sub Division minor issuing the driver license (if and when relevant).

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

#### **47.1.8.29.1.12 LicenseOtherAuthority <LicOthrAuthrty>**

*Presence:* [0..1]

*Definition:* Other authority issuing a driver license.

*Datatype:* "Max16Text" on page 1861

#### **47.1.8.29.1.13 Employer <Mplyr>**

*Presence:* [0..1]

*Definition:* Contains the employer information.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.29.1.14 EmployeeIdentification <Mplyeeld>**

*Presence:* [0..1]

*Definition:* Contains the employee identification number as assigned by the fleet operator.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.29.1.15 DepartmentNumber <DeptNb>**

*Presence:* [0..1]

*Definition:* Contains the fleet driver's department number as assigned by the fleet operator.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.29.1.16 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		1358
	Form <Form>	[0..1]	CodeSet		1359
	Identification <Id>	[1..1]	Text		1359
	Assigner <Assgnr>	[0..1]	Text		1359
	IssuanceDate <IssncDt>	[0..1]	Date		1359
	ExpirationDate <XprtnDt>	[0..1]	Date		1359
	Country <Ctry>	[0..1]	CodeSet		1359

#### 47.1.8.29.1.16.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of travel document.

*Datatype:* "OfficialDocumentType1Code" on page 1829

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.

CodeName	Name	Definition
REFU	Refugee	Travel or related document issued to refugees.

#### 47.1.8.29.1.16.2 Form <Form>

*Presence:* [0..1]

*Definition:* Form of travel document.

*Datatype:* "PresentationMedium2Code" on page 1838

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.

#### 47.1.8.29.1.16.3 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of travel document (for example, passport number).

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.29.1.16.4 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Party assigning the travel document.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.29.1.16.5 IssuanceDate <IssncDt>

*Presence:* [0..1]

*Definition:* Issuance date of travel document.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.29.1.16.6 ExpirationDate <XprtnDt>

*Presence:* [0..1]

*Definition:* Expiration date of travel document (if and when relevant).

*Datatype:* "ISODate" on page 1854

#### 47.1.8.29.1.16.7 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country issuing the travel document.

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.8.29.1.17 DateOfBirth <DtOfBirth>

*Presence:* [0..1]

*Definition:* Date of birth of vehicle rental driver.

*Datatype:* "ISODate" on page 1854

**47.1.8.29.1.18 AdditionalData <AddtlData>**

*Presence:* [0..1]

*Definition:* Additional fleet summary-level information.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.8.29.2 Vehicle <Vhcl>**

*Presence:* [0..1]

*Definition:* Vehicle belonging to the fleet.

**Vehicle <Vhcl>** contains the following **Vehicle6** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Number <Nb>	[0..1]	Text		1362
	IdentificationNumber <IdNb>	[0..1]	Text		1362
	FleetNumber <FleetNb>	[0..1]	Text		1362
	SubFleetNumber <SubFleetNb>	[0..1]	Text		1362
	UnitNumber <UnitNb>	[0..1]	Text		1362
	TrailerNumber <TrlrNb>	[0..1]	Text		1362
	Tag <Tag>	[0..1]	Text		1362
	TagEntryMode <TagNtryMd>	[0..1]	CodeSet		1363
	Replacement <Rplcmnt>	[0..1]	Indicator		1363
	Odometer <Odmtr>	[0..1]	Quantity		1363
	Hubometer <Hbmtr>	[0..1]	Quantity		1363
	Maintenanceldentification <Mntncld>	[0..1]	Text		1364
	OnBoardDiagnostics <OnBrdDgnstcs>	[0..1]			1364
	EngineIdleTime <NgnIdleTm>	[0..1]	Quantity		1364
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1365
	EngineHours <NgnHrs>	[0..1]	Quantity		1365
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1365
	EngineLoad <NgnLd>	[0..1]	Text		1365
	EngineRPM <NgnRPM>	[0..1]	Text		1365
	EngineOilTemperature <NgnOilTmprtr>	[0..1]	Quantity		1365
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1365
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1366
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1366
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1366
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1366
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1366
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1366
	RefrigerationTemperature <RfrgrtnTmprtr>	[0..1]	Quantity		1366
	CoolantTemperature <CoolntTmprtr>	[0..1]	Quantity		1366
	BatteryVoltage <BttryVltg>	[0..1]	Text		1367
	HardBraking <HardBrakg>	[0..1]	Text		1367

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1367
	AdditionalData <AddtlData>	[0..*]			1367
	Type <Tp>	[0..1]	Text		1367
	EntryMode <NtryMd>	[0..1]	CodeSet		1367
	Data <Data>	[1..1]	Text		1368

**47.1.8.29.2.1 Number <Nb>***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 1864**47.1.8.29.2.2 IdentificationNumber <IdNb>***Presence:* [0..1]*Definition:* Number that uniquely identifies the vehicle as assigned by the vehicle manufacturer.*Datatype:* "Max35NumericText" on page 1864**47.1.8.29.2.3 FleetNumber <FleetNb>***Presence:* [0..1]*Definition:* Fleet number.*Datatype:* "Max10Text" on page 1860**47.1.8.29.2.4 SubFleetNumber <SubFleetNb>***Presence:* [0..1]*Definition:* Sub fleet number.*Datatype:* "Max35Text" on page 1864**47.1.8.29.2.5 UnitNumber <UnitNb>***Presence:* [0..1]*Definition:* Identification of the unit number of the vehicle in the fleet.*Datatype:* "Max35NumericText" on page 1864**47.1.8.29.2.6 TrailerNumber <TrlrNb>***Presence:* [0..1]*Definition:* Identification number assigned to the trailer.*Datatype:* "Max35NumericText" on page 1864**47.1.8.29.2.7 Tag <Tag>***Presence:* [0..1]*Definition:* Registration tag of the vehicle.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.29.2.8 TagEntryMode <TagNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the registration tag.

*Datatype:* "CardDataReading5Code" on page 1802

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.

#### 47.1.8.29.2.9 Replacement <RpIcmnt>

*Presence:* [0..1]

*Definition:* True indicates a replacement vehicle.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.8.29.2.10 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 1855

#### 47.1.8.29.2.11 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 1855

#### 47.1.8.29.2.12 MaintenanceIdentification <Mntncld>

*Presence:* [0..1]

*Definition:* Identification assigned to the vehicle related to maintenance.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.29.2.13 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		1364
	EngineTotalIdleTime <NgnTtlIdleTm>	[0..1]	Quantity		1365
	EngineHours <NgnHrs>	[0..1]	Quantity		1365
	EngineTotalTime <NgnTtlTm>	[0..1]	Quantity		1365
	EngineLoad <NgnLd>	[0..1]	Text		1365
	EngineRPM <NgnRPM>	[0..1]	Text		1365
	EngineOilTemperature <NgnOilTmprtr>	[0..1]	Quantity		1365
	EngineOilPressure <NgnOilPrssr>	[0..1]	Text		1365
	EngineOilLifeRemaining <NgnOilLifeRmng>	[0..1]	Text		1366
	CheckEngineWarningStatus <ChckNgnWrngSts>	[0..1]	Text		1366
	FuelTankLevelStart <FuelTankLvlStart>	[0..1]	Text		1366
	FuelGaugeLevel <FuelGaugeLvl>	[0..1]	Text		1366
	FuelEconomy <FuelEcnmy>	[0..1]	Quantity		1366
	RefrigerationHours <RfrgrtnHrs>	[0..1]	Quantity		1366
	RefrigerationTemperature <RfrgrtnTmprtr>	[0..1]	Quantity		1366
	CoolantTemperature <CoolntTmprtr>	[0..1]	Quantity		1366
	BatteryVoltage <BttryVltg>	[0..1]	Text		1367
	HardBraking <HardBrakg>	[0..1]	Text		1367
	HardAcceleration <HardAcclrtn>	[0..1]	Text		1367

##### 47.1.8.29.2.13.1 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 1855

#### **47.1.8.29.2.13.2 EngineTotalIdleTime <NgnTtlIdleTm>**

*Presence:* [0..1]

*Definition:* Total amount of time the vehicle engine has run idle (under no load) since the last reset, as determined by the vehicle monitoring system.

Expressed in hours

*Datatype:* "Max10NumberFraction2" on page 1855

#### **47.1.8.29.2.13.3 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 1855

#### **47.1.8.29.2.13.4 EngineTotalTime <NgnTtlTm>**

*Presence:* [0..1]

*Definition:* Amount of time elapsed since the previous reset as determined by the vehicle monitoring system.

Expressed in hours

*Datatype:* "Max6NumberFraction2" on page 1856

#### **47.1.8.29.2.13.5 EngineLoad <NgnLd>**

*Presence:* [0..1]

*Definition:* Engine load measured as determined by the vehicle monitoring system.

*Datatype:* "Max12NumericText" on page 1860

#### **47.1.8.29.2.13.6 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 1866

#### **47.1.8.29.2.13.7 EngineOilTemperature <NgnOilTmprtr>**

*Presence:* [0..1]

*Definition:* Temperature of the engine oil as determined by the vehicle monitoring system.

*Datatype:* "Max6NumberFraction2" on page 1856

#### **47.1.8.29.2.13.8 EngineOilPressure <NgnOilPrssr>**

*Presence:* [0..1]

*Definition:* Pressure of the engine oil as determined by the vehicle monitoring system.

*Datatype:* "Max3NumericText" on page 1864

**47.1.8.29.2.13.9 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 1864

**47.1.8.29.2.13.10 CheckEngineWarningStatus <ChckNgnWrngSts>**

*Presence:* [0..1]

*Definition:* Check engine status as determined by the vehicle monitoring system.

*Datatype:* "Max35Text" on page 1864

**47.1.8.29.2.13.11 FuelTankLevelStart <FuelTankLvlStart>**

*Presence:* [0..1]

*Definition:* Fuel tank start level reading as determined by the vehicle monitoring system.

*Datatype:* "Max4NumericText" on page 1865

**47.1.8.29.2.13.12 FuelGaugeLevel <FuelGaugeLvl>**

*Presence:* [0..1]

*Definition:* Current fuel tank gauge level reading as determined by the vehicle monitoring system.

*Datatype:* "Max4NumericText" on page 1865

**47.1.8.29.2.13.13 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 1856

**47.1.8.29.2.13.14 RefrigerationHours <RfrgrtnHrs>**

*Presence:* [0..1]

*Definition:* Number of hours the refrigeration unit has been in operation.

*Datatype:* "Max10NumberFraction2" on page 1855

**47.1.8.29.2.13.15 RefrigerationTemperature <RfrgrtnTmprtr>**

*Presence:* [0..1]

*Definition:* Temperature of the refrigeration unit/trailer as determined by the vehicle monitoring system.

*Datatype:* "Max6NumberFraction2" on page 1856

**47.1.8.29.2.13.16 CoolantTemperature <CoolntTmprtr>**

*Presence:* [0..1]

*Definition:* Temperature of the coolant as determined by the vehicle monitoring system.

*Datatype:* "Max6NumberFraction2" on page 1856

47.1.8.29.2.13.17 BatteryVoltage <BttryVltg>

Presence: [0..1]

Definition: Voltage of the vehicle battery as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 1865

47.1.8.29.2.13.18 HardBraking <HardBrakg>

Presence: [0..1]

Definition: Number of occurrences of hard breaking as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 1865

47.1.8.29.2.13.19 HardAcceleration <HardAcclrtn>

Presence: [0..1]

Definition: Number of occurrences of hard acceleration as determined by the vehicle monitoring system.

Datatype: "Max4NumericText" on page 1865

47.1.8.29.2.14 AdditionalData <AddtlData>

Presence: [0..\*]

Definition: Additional information related to the vehicle.

AdditionalData <AddtlData> contains the following Vehicle2 elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1367
	EntryMode <NtryMd>	[0..1]	CodeSet		1367
	Data <Data>	[1..1]	Text		1368

47.1.8.29.2.14.1 Type <Tp>

Presence: [0..1]

Definition: Type of information related to the vehicle.

Datatype: "Max35Text" on page 1864

47.1.8.29.2.14.2 EntryMode <NtryMd>

Presence: [0..1]

Definition: Entry mode of the information.

Datatype: "CardDataReading5Code" on page 1802

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.

#### 47.1.8.29.2.14.3 Data <Data>

*Presence:* [1..1]

*Definition:* Information related to the vehicle.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.29.3 DriverOrVehicleCard <DrvrOrVhclCard>

*Presence:* [0..1]

*Definition:* Second card presented for the payment transaction.

**DriverOrVehicleCard <DrvrOrVhclCard>** contains the following **PlainCardData23** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1368
	AdditionalData <AddtlData>	[0..*]	±		1368

##### 47.1.8.29.3.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the driver or vehicle.

*Datatype:* "Max20Text" on page 1862

##### 47.1.8.29.3.2 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional card specific data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### **47.1.8.29.4 CardFuelPromptCode <CardFuelPrmptCd>**

*Presence:* [0..1]

*Definition:* Indicates whether or not fuel or fleet data prompting should occur.

*Datatype:* "Max1Number" on page 1855

#### **47.1.8.29.5 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 1864

#### **47.1.8.29.6 TripNumber <TripNb>**

*Presence:* [0..1]

*Definition:* Identification number of the trip.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.29.7 TripJobNumber <TripJobNb>**

*Presence:* [0..1]

*Definition:* Contains an indicator identifying the job or task identifier of the individual.

*Datatype:* "Max10Text" on page 1860

#### **47.1.8.29.8 TripWorkOrder <TripWorkOrdr>**

*Presence:* [0..1]

*Definition:* Contains the work order or purchase order number.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.29.9 TripInvoiceNumber <TripInvcNb>**

*Presence:* [0..1]

*Definition:* Contains the invoice number.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.29.10 TripBillingIdentification <TripBllgld>**

*Presence:* [0..1]

*Definition:* Contains the billing identification number.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.29.11 TripControlNumber <TripCtrlNb>**

*Presence:* [0..1]

*Definition:* Identification number assigned by an agent.

*Datatype:* "Max35Text" on page 1864

**47.1.8.29.12 TripDeliveryTicketNumber <TripDlvryTcktNb>***Presence:* [0..1]*Definition:* Delivery Ticket Number for the trip information.*Datatype:* "Max35Text" on page 1864**47.1.8.29.13 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		1370
	OtherType <OthrTp>	[0..1]	Text		1371
	AvailableIndicator <AvlblInd>	[0..1]	Indicator		1371

**47.1.8.29.13.1 Type <Tp>***Presence:* [1..1]*Definition:* Type of additional service available.*Datatype:* "LocationAmenity1Code" on page 1824

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

CodeName	Name	Definition
VSWA	VehicleScalesWeight	Vehicle scales and weigh services available
VHPA	VehicleParking	Vehicle parking available
VMRA	VehicleMaintenanceRepairBaysAvailable	Vehicle maintenance/repair bays available

**47.1.8.29.13.2 OtherType <OthrTp>**

*Presence:* [0..1]

*Definition:* Other additional service available at the location.

*Datatype:* "Max35Text" on page 1864

**47.1.8.29.13.3 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 1854):

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

**47.1.8.29.14 TransactionRelatedData <TxRltdData>**

*Presence:* [0..\*]

*Definition:* Contains information related specifically to the transaction.

**TransactionRelatedData <TxRltdData>** contains the following **FleetTransactionDetail1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseType <PurchsTp>	[0..1]	CodeSet		1371
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1372
	DiscountTotalAmount <DscntTtlAmt>	[0..1]	Amount		1372
	DiscountTotalFuelAmount <DscntTtlFuelAmt>	[0..1]	Amount		1372
	DiscountTotalNonFuelAmount <DscntTtlNonFuelAmt>	[0..1]	Amount		1372
	TotalAmount <TtlAmt>	[0..1]	Amount		1372
	TaxTotal <TaxTtl>	[0..*]	±		1372

**47.1.8.29.14.1 PurchaseType <PurchsTp>**

*Presence:* [0..1]

*Definition:* List of codes representing type of fleet purchases.

*Datatype:* "FleetPurchaseType1Code" on page 1813

CodeName	Name	Definition
FUEL	Fuel	Fuel

CodeName	Name	Definition
NONF	NonFuel	Non fuel
FANF	FuelAndNonFuel	Fuel and non fuel

#### 47.1.8.29.14.2 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 1864

#### 47.1.8.29.14.3 DiscountTotalAmount <DscntTtlAmt>

*Presence:* [0..1]

*Definition:* Total amount of the transaction, inclusive of all applicable taxes and fees.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.29.14.4 DiscountTotalFuelAmount <DscntTtlFuelAmt>

*Presence:* [0..1]

*Definition:* Total amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.29.14.5 DiscountTotalNonFuelAmount <DscntTtlNonFuelAmt>

*Presence:* [0..1]

*Definition:* Fuel amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.29.14.6 TotalAmount <TtlAmt>

*Presence:* [0..1]

*Definition:* Total amount of the transaction, inclusive of all applicable taxes and fees.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.29.14.7 TaxTotal <TaxTtl>

*Presence:* [0..\*]

*Definition:* Total taxes related to the products or services.



**TaxTotal <TaxTtl>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.29.15 AdditionalEnteredData <AddtlNtrdData>

*Presence:* [0..1]

*Definition:* Contains additional fleet summary data.

**AdditionalEnteredData <AddtlNtrdData>** contains the following **AdditionalInformation31** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Numeric <Nmrc>	[0..1]	Text		1373
	AlphaNumeric <AlphaNmrc>	[0..1]	Text		1373
	AdditionalData <AddtlData>	[0..1]	Text		1373

##### 47.1.8.29.15.1 Numeric <Nmrc>

*Presence:* [0..1]

*Definition:* Key-entered numeric data.

*Datatype:* "Max35NumericText" on page 1864

##### 47.1.8.29.15.2 AlphaNumeric <AlphaNmrc>

*Presence:* [0..1]

*Definition:* Key-entered alphanumeric data.

*Datatype:* "Max350Text" on page 1864

##### 47.1.8.29.15.3 AdditionalData <AddtlData>

*Presence:* [0..1]

*Definition:* Additional fleet summary data.

*Datatype:* "Max350Text" on page 1864

**47.1.8.29.16 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 "[FleetLineltem5](#)" on page 1244 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Fuel <Fuel>	[1..1]	Indicator		1245
	ServiceType <SvcTp>	[0..1]	CodeSet		1245
	FuelBrandCode <FuelBrndCd>	[0..1]	Text		1246
	ProductCode <PdctCd>	[0..1]	Text		1246
	ProductCategory <PdctCtgy>	[0..1]	Text		1246
	ProductQualifier <PdctQlfr>	[0..1]	Text		1246
	ProductCodeAssigner <PdctCdAssgnr>	[0..1]	Text		1246
	UnitPriceTax <UnitPricTax>	[0..1]	Indicator		1246
	UnitPrice <UnitPric>	[0..1]	Amount		1247
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1247
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1248
	ProductQuantity <PdctQty>	[0..1]	Quantity		1248
	DiscountAmount <DscntAmt>	[0..1]	Amount		1248
	NonTaxable <NonTaxbl>	[0..1]	Indicator		1249
	Tax <Tax>	[0..*]	±		1249
	TotalAmountExcludingTax <TtlAmtExclgTax>	[0..1]	Amount		1249
	TotalAmountIncludingTax <TtlAmtInclgTax>	[0..1]	Amount		1249

**47.1.8.30 SpecialProgrammeQualification2**

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

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

47.1.8.30.1 Programme <Prgrmm>

Presence: [0..1]  
Definition: Name of special programme.  
Datatype: "Max35Text" on page 1864

47.1.8.30.2 Detail <Dtl>

Presence: [0..\*]  
Definition: Name and value associated with a special programme.  
Detail <Dtl> contains the following **SpecialProgrammeDetails2** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

47.1.8.30.2.1 Name <Nm>

Presence: [0..1]  
Definition: Name of the special programme detail.  
Datatype: "Max35Text" on page 1864

47.1.8.30.2.2 Value <Val>

Presence: [0..1]  
Definition: Special programme detail value.  
Datatype: "Max256Text" on page 1863

47.1.8.31 LodgingLineItem3

Definition: Lodging line item details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1376
	Time <Tm>	[0..1]	Time		1376
	Type <Tp>	[0..1]	CodeSet		1376
	OtherType <OthrTp>	[0..1]	Text		1377
	PostCheckOut <PstChckOut>	[0..1]	Indicator		1377
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1377
	UnitAmount <UnitAmt>	[0..1]	Amount		1378
	Duration <Drtn>	[0..1]	Text		1378
	SubTotalAmount <SubTtlAmt>	[0..1]	Amount		1378
	Tax <Tax>	[0..*]	±		1378
	AdditionalData <AddtlData>	[0..*]	±		1378

#### 47.1.8.31.1 Date <Dt>

*Presence:* [0..1]

*Definition:* Date of the charge for the product or service associated with the line item.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.31.2 Time <Tm>

*Presence:* [0..1]

*Definition:* Time of the charge for the product or service associated with the line item.

*Datatype:* "ISOTime" on page 1869

#### 47.1.8.31.3 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of product or service associated with the line item.

*Datatype:* "LodgingService1Code" on page 1825

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.

#### 47.1.8.31.4 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of product or service associated with the line item.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.31.5 PostCheckOut <PstChckOut>

*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 1854):

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

#### 47.1.8.31.6 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the tax amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.8.31.7 UnitAmount <UnitAmt>

*Presence:* [0..1]

*Definition:* Contains the cost for one unit of the product or service.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.31.8 Duration <Drtn>

*Presence:* [0..1]

*Definition:* Duration of the trip.

*Datatype:* "Max4NumericText" on page 1865

#### 47.1.8.31.9 SubTotalAmount <SubTtlAmt>

*Presence:* [0..1]

*Definition:* Subtotal amount of line item. (e.g. total nightly rate, etc.)

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.31.10 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.31.11 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.8.32 InvoiceLineItem3

*Definition:* Item purchased with the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1380
	OrderDate <OrdDrDt>	[0..1]	Date		1381
	ContractNumber <CtrctNb>	[0..1]	Text		1381
	ShippingDate <ShppgDt>	[0..1]	Date		1381
	Rebilling <Rbllg>	[0..1]	Indicator		1381
	MedicalServices <MdclSvcs>	[0..1]	Indicator		1381
	ShipToIndustryCode <ShipToIndstryCd>	[0..1]	Text		1381
	ProductCode <PdctCd>	[0..1]	Text		1381
	ProductQualifier <PdctQlfr>	[0..1]	Text		1382
	Description <Desc>	[0..1]	Text		1382
	TypeOfSupply <TpOfSppl>	[0..1]	Text		1382
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1382
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1384
	UnitPrice <UnitPric>	[0..1]	Amount		1384
	ProductQuantity <PdctQty>	[0..1]	Quantity		1384
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1384
	AdjustmentCreditDebit <AdjstmntCdtDbt>	[0..1]	CodeSet		1384
	AdjustmentReason <AdjstmntRsn>	[0..1]	Text		1384
	Insurance <Insrnc>	[0..1]	Indicator		1384
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1385
	Tax <Tax>	[0..*]	±		1385
	VATInvoiceReference <VATInvRef>	[0..1]	Text		1385
	TotalAmount <TtlAmt>	[0..1]	Amount		1385
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1385
	ZeroCostToCustomer <ZeroCostToCstmr>	[0..1]	Indicator		1386
	AdditionalData <AddtlData>	[0..*]	±		1386

#### 47.1.8.32.1 Date <Dt>

*Presence:* [0..1]

*Definition:* Invoice date.

*Datatype:* "ISODate" on page 1854



#### **47.1.8.32.2 OrderDate <OrdDt>**

*Presence:* [0..1]

*Definition:* Invoice order date.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.32.3 ContractNumber <CtrctNb>**

*Presence:* [0..1]

*Definition:* Contains the corporate contract number.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.32.4 ShippingDate <ShppgDt>**

*Presence:* [0..1]

*Definition:* Shipping date of the product or the date services rendered.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.32.5 Rebilling <Rbllg>**

*Presence:* [0..1]

*Definition:* Rebilling indicator.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.8.32.6 MedicalServices <MdclSvcs>**

*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 1854):

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

#### **47.1.8.32.7 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 1866

#### **47.1.8.32.8 ProductCode <PdctCd>**

*Presence:* [0..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.32.9 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 1864

#### 47.1.8.32.10 Description <Desc>

*Presence:* [0..1]

*Definition:* May contain further clarifying data, such as event name, etc.

*Datatype:* "Max256Text" on page 1863

#### 47.1.8.32.11 TypeOfSupply <TpOfSppl>

*Presence:* [0..1]

*Definition:* Indicates whether the purchase is categorized

as goods or services.

*Datatype:* "Max10Text" on page 1860

#### 47.1.8.32.12 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure1Code" on page 1850

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.

CodeName	Name	Definition
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.
ACRE	Acre	Unit of measure equal to 4, 840 square yards.

**47.1.8.32.13 OtherUnitOfMeasure <OthrUnitOfMeasr>**

*Presence:* [0..1]  
*Definition:* Other unit of measure.  
*Datatype:* "Max35Text" on page 1864

**47.1.8.32.14 UnitPrice <UnitPric>**

*Presence:* [0..1]  
*Definition:* Contains the price for one unit of the product or service.  
*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

**47.1.8.32.15 ProductQuantity <PdctQty>**

*Presence:* [0..1]  
*Definition:* Quantity of product or item.  
*Datatype:* "DecimalNumber" on page 1855

**47.1.8.32.16 AdjustmentAmount <AdjstmntAmt>**

*Presence:* [0..1]  
*Definition:* Contains the adjusted amount (for example, discounts).  
*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

**47.1.8.32.17 AdjustmentCreditDebit <AdjstmntCdtDbt>**

*Presence:* [0..1]  
*Definition:* A code to indicate the adjustment amount is credit or debit  
*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

**47.1.8.32.18 AdjustmentReason <AdjstmntRsn>**

*Presence:* [0..1]  
*Definition:* Reason for the adjustment.  
*Datatype:* "Max35Text" on page 1864

**47.1.8.32.19 Insurance <Insrnc>**

*Presence:* [0..1]  
*Definition:* Indicates whether or not insurance was purchased.  
*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.8.32.20 InsuranceAmount <InsrncAmt>

*Presence:* [0..1]

*Definition:* Cost of the insurance purchased.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.32.21 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.32.22 VATInvoiceReference <VATInvcRef>

*Presence:* [0..1]

*Definition:* Identifies the value-added tax (VAT) invoice or tax receipt.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.32.23 TotalAmount <TtlAmt>

*Presence:* [0..1]

*Definition:* Total amount of line item, inclusive of any applicable adjustments and taxes.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.32.24 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the tax amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

47.1.8.32.25 ZeroCostToCustomer <ZeroCostToCstmr>

*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 1854):

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

47.1.8.32.26 AdditionalData <AddtlData>

*Presence:* [0..\*]  
*Definition:* Additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.8.33 RentalDetails3

*Definition:* Details of car rental service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1388
	DateTime <DtTm>	[0..1]	DateTime		1388
	Start <Start>	[0..1]			1388
	Location <Lctn>	[0..1]	Text		1389
	LocationCode <LctnCd>	[0..1]	Text		1389
	Address <Adr>	[0..1]	±		1389
	Contact <Ctct>	[0..1]			1390
	Name <Nm>	[0..1]	Text		1390
	GivenName <GvnNm>	[0..1]	Text		1391
	MiddleName <MddlNm>	[0..1]	Text		1391
	LastName <LastNm>	[0..1]	Text		1391
	Phone <Phne>	[0..1]	Text		1391
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1391
	TollFreePhone <TollFreePhne>	[0..1]	Text		1391
	Email <Email>	[0..1]	Text		1391
	Fax <Fax>	[0..1]	Text		1391
	URL <URL>	[0..1]	Text		1392
	Language <Lang>	[0..1]	CodeSet		1392
	DateAndTime <DtAndTm>	[0..1]	DateTime		1392
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1392
	JourneyType <JrnyTp>	[0..1]	CodeSet		1392
	JourneyData <JrnyData>	[0..1]	Text		1392
	JourneyDateAndTime <JrnyDtAndTm>	[0..1]	DateTime		1393
	Return <Rtr>	[0..1]			1393
	Location <Lctn>	[0..1]	Text		1394
	LocationCode <LctnCd>	[0..1]	Text		1394
	Address <Adr>	[0..1]	±		1394
	Contact <Ctct>	[0..1]			1394
	Name <Nm>	[0..1]	Text		1395
	GivenName <GvnNm>	[0..1]	Text		1395
	MiddleName <MddlNm>	[0..1]	Text		1395

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LastName <LastNm>	[0..1]	Text		1395
	Phone <Phne>	[0..1]	Text		1395
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1396
	TollFreePhone <TollFreePhne>	[0..1]	Text		1396
	Email <Email>	[0..1]	Text		1396
	Fax <Fax>	[0..1]	Text		1396
	URL <URL>	[0..1]	Text		1396
	Language <Lang>	[0..1]	CodeSet		1396
	DateAndTime <DtAndTm>	[0..1]	DateTime		1396
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1396
	JourneyType <JrnyTp>	[0..1]	CodeSet		1397
	JourneyData <JrnyData>	[0..1]	Text		1397
	JourneyDateAndTime <JrnyDtAndTm>	[0..1]	DateTime		1397
	TimePeriod <TmPrd>	[0..*]	CodeSet		1397
	TimePeriodUnit <TmPrdUnit>	[0..1]	Text		1398
	TimePeriodRate <TmPrdRate>	[0..1]	Amount		1398
	Currency <Ccy>	[0..1]	CodeSet	C2	1398

#### 47.1.8.33.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the car rental service.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.33.2 DateTime <DtTm>

*Presence:* [0..1]

*Definition:* Date and time of registration of car rental service as per folio.

*Datatype:* "ISODatetime" on page 1854

#### 47.1.8.33.3 Start <Start>

*Presence:* [0..1]

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



**Start <Start>** contains the following **ServiceStartEnd3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1389
	LocationCode <LctnCd>	[0..1]	Text		1389
	Address <Adr>	[0..1]	±		1389
	Contact <Ctct>	[0..1]			1390
	Name <Nm>	[0..1]	Text		1390
	GivenName <GvnNm>	[0..1]	Text		1391
	MiddleName <MddlNm>	[0..1]	Text		1391
	LastName <LastNm>	[0..1]	Text		1391
	Phone <Phne>	[0..1]	Text		1391
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1391
	TollFreePhone <TollFreePhne>	[0..1]	Text		1391
	Email <Email>	[0..1]	Text		1391
	Fax <Fax>	[0..1]	Text		1391
	URL <URL>	[0..1]	Text		1392
	Language <Lang>	[0..1]	CodeSet		1392
	DateAndTime <DtAndTm>	[0..1]	DateTime		1392
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1392
	JourneyType <JrnyTp>	[0..1]	CodeSet		1392
	JourneyData <JrnyData>	[0..1]	Text		1392
	JourneyDateAndTime <JrnyDtAndTm>	[0..1]	DateTime		1393

#### 47.1.8.33.3.1 Location <Lctn>

*Presence:* [0..1]

*Definition:* Location of service (for example, Paris CDG, Paris Gare du Nord, etc.).

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.33.3.2 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 1864

#### 47.1.8.33.3.3 Address <Adr>

*Presence:* [0..1]

*Definition:* Address of service.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.33.3.4 Contact <Ctct>

*Presence:* [0..1]

*Definition:* Contact details at location.

**Contact <Ctct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1390
	GivenName <GvnNm>	[0..1]	Text		1391
	MiddleName <MddlNm>	[0..1]	Text		1391
	LastName <LastNm>	[0..1]	Text		1391
	Phone <Phne>	[0..1]	Text		1391
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1391
	TollFreePhone <TollFreePhne>	[0..1]	Text		1391
	Email <Email>	[0..1]	Text		1391
	Fax <Fax>	[0..1]	Text		1391
	URL <URL>	[0..1]	Text		1392
	Language <Lang>	[0..1]	CodeSet		1392

#### 47.1.8.33.3.4.1 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 1867

#### **47.1.8.33.3.4.2 GivenName <GvnNm>**

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.33.3.4.3 MiddleName <MddINm>**

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.33.3.4.4 LastName <LastNm>**

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.33.3.4.5 Phone <Phne>**

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.33.3.4.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.33.3.4.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.33.3.4.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.33.3.4.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### 47.1.8.33.3.4.10 URL <URL>

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### 47.1.8.33.3.4.11 Language <Lang>

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### 47.1.8.33.3.5 DateAndTime <DtAndTm>

*Presence:* [0..1]

*Definition:* Date and time of service.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.8.33.3.6 TimeSegment <TmSgmt>

*Presence:* [0..1]

*Definition:* Period of day pertaining to the service location.

*Datatype:* "TimeSegment1Code" on page 1846

CodeName	Name	Definition
AMBN	AM	Ante meridiem or before noon time period.
PMAN	PM	Post meridiem or after noon time period.

#### 47.1.8.33.3.7 JourneyType <JrnyTp>

*Presence:* [0..1]

*Definition:* Type of journey.

*Datatype:* "JourneyType1Code" on page 1823

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

#### 47.1.8.33.3.8 JourneyData <JrnyData>

*Presence:* [0..1]

*Definition:* Data related to the type of journey selected (for example, AF1234 when FlightNumber selected).

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.33.3.9 JourneyDateAndTime <JrnyDtAndTm>

*Presence:* [0..1]

*Definition:* Date and time related to the journey type selected.

*Datatype:* "ISODatetime" on page 1854

#### 47.1.8.33.4 Return <Rtr>

*Presence:* [0..1]

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

**Return <Rtr>** contains the following **ServiceStartEnd3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1394
	LocationCode <LctnCd>	[0..1]	Text		1394
	Address <Adr>	[0..1]	±		1394
	Contact <Ctct>	[0..1]			1394
	Name <Nm>	[0..1]	Text		1395
	GivenName <GvnNm>	[0..1]	Text		1395
	MiddleName <MddlNm>	[0..1]	Text		1395
	LastName <LastNm>	[0..1]	Text		1395
	Phone <Phne>	[0..1]	Text		1395
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1396
	TollFreePhone <TollFreePhne>	[0..1]	Text		1396
	Email <Email>	[0..1]	Text		1396
	Fax <Fax>	[0..1]	Text		1396
	URL <URL>	[0..1]	Text		1396
	Language <Lang>	[0..1]	CodeSet		1396
	DateAndTime <DtAndTm>	[0..1]	DateTime		1396
	TimeSegment <TmSgmt>	[0..1]	CodeSet		1396
	JourneyType <JrnyTp>	[0..1]	CodeSet		1397
	JourneyData <JrnyData>	[0..1]	Text		1397
	JourneyDateAndTime <JrnyDtAndTm>	[0..1]	DateTime		1397

47.1.8.33.4.1 Location <Lctn>

*Presence:* [0..1]  
*Definition:* Location of service (for example, Paris CDG, Paris Gare du Nord, etc.).  
*Datatype:* "Max35Text" on page 1864

47.1.8.33.4.2 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 1864

47.1.8.33.4.3 Address <Adr>

*Presence:* [0..1]  
*Definition:* Address of service.  
**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

47.1.8.33.4.4 Contact <Ctct>

*Presence:* [0..1]  
*Definition:* Contact details at location.

**Contact <Ctct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1395
	GivenName <GvnNm>	[0..1]	Text		1395
	MiddleName <MddlNm>	[0..1]	Text		1395
	LastName <LastNm>	[0..1]	Text		1395
	Phone <Phne>	[0..1]	Text		1395
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1396
	TollFreePhone <TollFreePhne>	[0..1]	Text		1396
	Email <Email>	[0..1]	Text		1396
	Fax <Fax>	[0..1]	Text		1396
	URL <URL>	[0..1]	Text		1396
	Language <Lang>	[0..1]	CodeSet		1396

#### 47.1.8.33.4.4.1 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 1867

#### 47.1.8.33.4.4.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.33.4.4.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.33.4.4.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.33.4.4.5 Phone <Phne>

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.8.33.4.4.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]  
*Definition:* Property phone number for the contact.  
*Datatype:* "PhoneNumber" on page 1868

**47.1.8.33.4.4.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]  
*Definition:* Toll-free phone number for the contact.  
*Datatype:* "PhoneNumber" on page 1868

**47.1.8.33.4.4.8 Email <Email>**

*Presence:* [0..1]  
*Definition:* Email address of contact.  
*Datatype:* "Max256Text" on page 1863

**47.1.8.33.4.4.9 Fax <Fax>**

*Presence:* [0..1]  
*Definition:* Fax phone number.  
*Datatype:* "PhoneNumber" on page 1868

**47.1.8.33.4.4.10 URL <URL>**

*Presence:* [0..1]  
*Definition:* Universal Resource Locator (URL) address.  
*Datatype:* "Max256Text" on page 1863

**47.1.8.33.4.4.11 Language <Lang>**

*Presence:* [0..1]  
*Definition:* Language of the contact.  
*Datatype:* "ISO2ALanguageCode" on page 1820

**47.1.8.33.4.5 DateAndTime <DtAndTm>**

*Presence:* [0..1]  
*Definition:* Date and time of service.  
*Datatype:* "ISODatetime" on page 1854

**47.1.8.33.4.6 TimeSegment <TmSgmt>**

*Presence:* [0..1]  
*Definition:* Period of day pertaining to the service location.  
*Datatype:* "TimeSegment1Code" on page 1846

CodeName	Name	Definition
AMBN	AM	Ante meridiem or before noon time period.



CodeName	Name	Definition
PMAN	PM	Post meridiem or after noon time period.

#### 47.1.8.33.4.7 JourneyType <JrnyTp>

*Presence:* [0..1]

*Definition:* Type of journey.

*Datatype:* "JourneyType1Code" on page 1823

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

#### 47.1.8.33.4.8 JourneyData <JrnyData>

*Presence:* [0..1]

*Definition:* Data related to the type of journey selected (for example, AF1234 when FlightNumber selected).

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.33.4.9 JourneyDateAndTime <JrnyDtAndTm>

*Presence:* [0..1]

*Definition:* Date and time related to the journey type selected.

*Datatype:* "ISODatetime" on page 1854

#### 47.1.8.33.5 TimePeriod <TmPrd>

*Presence:* [0..\*]

*Definition:* Time period for the whole duration of rental.

*Datatype:* "PeriodUnit2Code" on page 1835

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.

CodeName	Name	Definition
MINU	Minutes	Period unit expressed in minutes
OTHR	Other	Counted in some other unit.

#### 47.1.8.33.6 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 1865

#### 47.1.8.33.7 TimePeriodRate <TmPrdRate>

*Presence:* [0..1]

*Definition:* Rate for the time period.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.33.8 Currency <Ccy>

*Presence:* [0..1]

*Definition:* Currency code applied for the rental.

*Impacted by:* C2 "ValidationByTable"

*Datatype:* "ISO3NumericCurrencyCode" on page 1821

##### Constraints

- **ValidationByTable**

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

#### 47.1.8.34 SaleItem4

*Definition:* Item purchased with the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductType <PdctTp>	[0..1]	Text		1400
	ProductCode <PdctCd>	[0..1]	Text		1400
	ProductCodeType <PdctCdTp>	[0..1]	CodeSet		1400
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1400
	AdditionalProductCodeType <AddtlPdctCdTp>	[0..1]	Text		1400
	ProductCodeModifier <PdctCdModfr>	[0..1]	Quantity		1401
	ProductDescription <PdctDesc>	[0..1]	Text		1401
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1401
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1402
	ProductQuantity <PdctQty>	[0..1]	Quantity		1403
	NonAdjustedUnitPrice <NonAdjstdUnitPric>	[0..1]	Amount		1403
	NonAdjustedTotalAmount <NonAdjstdTtlAmt>	[0..1]	Amount		1403
	Adjustment <Adjstmnt>	[0..*]			1403
	Type <Tp>	[0..1]	Text		1403
	AdditionalType <AddtlTp>	[0..1]	Text		1404
	Description <Desc>	[0..1]	Text		1404
	Reason <Rsn>	[0..1]	Text		1404
	PromotionEligibility <PrmtnElgblty>	[0..1]	Indicator		1404
	PromotionCode <PrmtnCd>	[0..1]	Text		1404
	PromotionCouponNumber <PrmtnCpnNb>	[0..1]	Text		1404
	Quantity <Qty>	[0..1]	Quantity		1404
	UnitPrice <UnitPric>	[0..1]	Amount		1404
	Percentage <Pctg>	[0..1]	Rate		1405
	Amount <Amt>	[0..1]	Amount		1405
	TaxOnOriginalAmount <TaxOnOrgnlAmt>	[0..1]	Indicator		1405
	AdjustedAmount <AdjstdAmt>	[0..1]	Amount		1405
	InsuranceIndicator <InsrncInd>	[0..1]	Indicator		1405
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1405
	Tax <Tax>	[0..*]	±		1405
	TotalAmount <TtlAmt>	[0..1]	Amount		1406

#### 47.1.8.34.1 ProductType <PdctTp>

*Presence:* [0..1]

*Definition:* Contains the product type of the sale line item.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.34.2 ProductCode <PdctCd>

*Presence:* [0..1]

*Definition:* Product code of the item.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.34.3 ProductCodeType <PdctCdTp>

*Presence:* [0..1]

*Definition:* Contains a list of codes used to identify a product.

*Datatype:* "ProductCodeType1Code" on page 1838

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

#### 47.1.8.34.4 AdditionalProductCode <AddtlPdctCd>

*Presence:* [0..1]

*Definition:* Additional code related to the product.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.34.5 AdditionalProductCodeType <AddtlPdctCdTp>

*Presence:* [0..1]

*Definition:* Additional type of codification used to identify a product.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.34.6 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 1855

#### 47.1.8.34.7 ProductDescription <PdctDesc>

*Presence:* [0..1]

*Definition:* Description of the product or item.

*Datatype:* "Max140Text" on page 1860

#### 47.1.8.34.8 UnitOfMeasure <UnitOfMeasr>

*Presence:* [0..1]

*Definition:* Unit of measure of the item purchased.

*Datatype:* "UnitOfMeasure1Code" on page 1850

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.

#### 47.1.8.34.9 OtherUnitOfMeasure <OthrUnitOfMeasr>

*Presence:* [0..1]

*Definition:* Other unit of measure.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.34.10 ProductQuantity <PdctQty>

*Presence:* [0..1]

*Definition:* Quantity of product or item.

*Datatype:* "DecimalNumber" on page 1855

#### 47.1.8.34.11 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 1783

#### 47.1.8.34.12 NonAdjustedTotalAmount <NonAdjstdTtlAmt>

*Presence:* [0..1]

*Definition:* Original, non-adjusted total cost of a product or service before discounts and taxes.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.34.13 Adjustment <Adjstmnt>

*Presence:* [0..\*]

*Definition:* Adjustment made to the original price.

**Adjustment <Adjstmnt>** contains the following **Adjustment14** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1403
	AdditionalType <AddtlTp>	[0..1]	Text		1404
	Description <Desc>	[0..1]	Text		1404
	Reason <Rsn>	[0..1]	Text		1404
	PromotionEligibility <PrmtnElgblty>	[0..1]	Indicator		1404
	PromotionCode <PrmtnCd>	[0..1]	Text		1404
	PromotionCouponNumber <PrmtnCpnNb>	[0..1]	Text		1404
	Quantity <Qty>	[0..1]	Quantity		1404
	UnitPrice <UnitPric>	[0..1]	Amount		1404
	Percentage <Pctg>	[0..1]	Rate		1405
	Amount <Amt>	[0..1]	Amount		1405
	TaxOnOriginalAmount <TaxOnOrgnlAmt>	[0..1]	Indicator		1405

##### 47.1.8.34.13.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of adjustment.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.34.13.2 AdditionalType <AddtlTp>**

*Presence:* [0..1]

*Definition:* Additional information to specify the type of adjustment.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.34.13.3 Description <Desc>**

*Presence:* [0..1]

*Definition:* Description of the adjustment.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.34.13.4 Reason <Rsn>**

*Presence:* [0..1]

*Definition:* Reason for the adjustment.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.34.13.5 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 1854):

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

#### **47.1.8.34.13.6 PromotionCode <PrmtnCd>**

*Presence:* [0..1]

*Definition:* Promotion or adjustment code.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.34.13.7 PromotionCouponNumber <PrmtnCpnNb>**

*Presence:* [0..1]

*Definition:* May contain coupon number, discount code, etc.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.34.13.8 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 1855

#### **47.1.8.34.13.9 UnitPrice <UnitPric>**

*Presence:* [0..1]

*Definition:* Contains the adjusted unit price (does not include tax).

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783



#### **47.1.8.34.13.10 Percentage <Pctg>**

*Presence:* [0..1]

*Definition:* Contains the percentage value of the discount (when applicable).

*Datatype:* "PercentageRate" on page 1857

#### **47.1.8.34.13.11 Amount <Amt>**

*Presence:* [0..1]

*Definition:* Contains amount of the adjustment, exclusive of tax.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.8.34.13.12 TaxOnOriginalAmount <TaxOnOrgnlAmt>**

*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 1854):

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

#### **47.1.8.34.14 AdjustedAmount <AdjstdAmt>**

*Presence:* [0..1]

*Definition:* Total cost of the line item amount, inclusive adjustments and exclusive of taxes.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.8.34.15 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 1854):

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

#### **47.1.8.34.16 InsuranceAmount <InsrncAmt>**

*Presence:* [0..1]

*Definition:* Cost of the insurance purchased.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.8.34.17 Tax <Tax>**

*Presence:* [0..\*]

*Definition:* Taxes applying to the good or item.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.34.18 TotalAmount <TtlAmt>

*Presence:* [0..1]

*Definition:* Total cost of the line item, inclusive of all applicable adjustments and taxes.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.35 TripLeg3

*Definition:* Supplies additional transaction information for travel transactions.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SequenceNumber <SeqNb>	[0..1]	Text		1408
	TicketNumber <TcktNb>	[0..1]	Text		1408
	TicketIssuer <Tcktlssr>	[0..1]	Text		1408
	TicketIssueDate <TcktlsseDt>	[0..1]	Date		1408
	TicketIssueLocation <TcktlsseLctn>	[0..1]	Text		1408
	ConjunctionTicketNumber <CnjnctnTcktNb>	[0..1]	Text		1409
	RestrictedTicket <RstrctdTckt>	[0..1]	Indicator		1409
	OpenTicket <OpnTckt>	[0..1]	Indicator		1409
	TicketRestrictions <TcktRstrctns>	[0..1]	Text		1409
	ExchangedTicket <XchgdTckt>	[0..1]	Indicator		1409
	ExchangedTicketNumber <XchgdTcktNb>	[0..1]	Text		1410
	RecordLocatorNumber <RcrdLctrNb>	[0..1]	Text		1410
	ReservationSystem <RsvatnSys>	[0..1]	Text		1410
	ReservationNumber <RsvatnNb>	[0..1]	Text		1410
	OriginalReservationSystem <OrgnlRsvatnSys>	[0..1]	Text		1410
	OriginalReservationNumber <OrgnlRsvatnNb>	[0..1]	Text		1410
	Document <Doc>	[0..*]			1410
	Type <Tp>	[0..1]	Text		1411
	Reference <Ref>	[0..1]	Text		1411
	TransportType <TrnsprtTp>	[0..1]	CodeSet		1411
	OtherTransportType <OthrTrnsprtTp>	[0..1]	Text		1411
	CommodityCode <CmmdtyCd>	[0..1]	Text		1411
	CarrierName <CrrierNm>	[0..1]	Text		1412
	CarrierCode <CrrierCd>	[0..1]	Text		1412
	IATACode <IATACd>	[0..1]	Text		1412
	RouteNumber <RouteNb>	[0..1]	Text		1412
	ServiceClass <SvcClss>	[0..1]	Text		1412
	Departure <Dprturt>	[0..1]	±		1412
	Arrival <Arrvl>	[0..1]	±		1412
	Duration <Drtn>	[0..1]	Text		1413
	StopOver <StopOver>	[0..1]	Indicator		1413

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	NonDirectRouteCode <NonDrctRouteCd>	[0..1]	Text		1413
	FairBasisCode <FairBsisCd>	[0..1]	Text		1413
	Insurance <Insrnc>	[0..1]	Indicator		1413
	Amount <Amt>	[0..*]			1414
	Type <Tp>	[0..1]	CodeSet		1414
	OtherType <OthrTp>	[0..1]	Text		1415
	Amount <Amt>	[1..1]	Amount		1415
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1415
	Tax <Tax>	[0..*]	±		1415
	CreditReasonCode <CdtRsnCd>	[0..1]	Text		1416
	ProcedureIdentification <PrcdrId>	[0..1]	Text		1416
	LoyaltyProgramme <LtyPrgrmm>	[0..1]	±		1416
	AdditionalData <AddtlData>	[0..*]	±		1416

#### 47.1.8.35.1 SequenceNumber <SeqNb>

*Presence:* [0..1]

*Definition:* Identifies the specific occurrence of trip leg data.

*Datatype:* "Max35NumericText" on page 1864

#### 47.1.8.35.2 TicketNumber <TcktNb>

*Presence:* [0..1]

*Definition:* Contains the ticket number.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.35.3 TicketIssuer <Tcktlssr>

*Presence:* [0..1]

*Definition:* Name of the issuing ticket agent.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.35.4 TicketIssueDate <Tcktlssedt>

*Presence:* [0..1]

*Definition:* Date the ticket was issued.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.35.5 TicketIssueLocation <Tcktlsselctn>

*Presence:* [0..1]

*Definition:* Location where ticket was issued.

*Datatype:* "Max140Text" on page 1860

#### **47.1.8.35.6 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 1864

#### **47.1.8.35.7 RestrictedTicket <RstrctdTckt>**

*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 1854):

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

#### **47.1.8.35.8 OpenTicket <OpnTckt>**

*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 1854):

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

#### **47.1.8.35.9 TicketRestrictions <TcktRstrctns>**

*Presence:* [0..1]

*Definition:* Contains the specific restriction applicable to the ticket.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.35.10 ExchangedTicket <Xchgdtckt>**

*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 1854):

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

#### **47.1.8.35.11 ExchangedTicketNumber <XchgdTcktNb>**

*Presence:* [0..1]

*Definition:* Contains the original ticket number that was replaced by the new ticket number.

*Datatype:* ["Max35Text"](#) on page 1864

#### **47.1.8.35.12 RecordLocatorNumber <RcrdLctrNb>**

*Presence:* [0..1]

*Definition:* Ticket record locator number.

*Datatype:* ["Max35Text"](#) on page 1864

#### **47.1.8.35.13 ReservationSystem <RsvatnSys>**

*Presence:* [0..1]

*Definition:* Computerised reservation system used to make the reservation and purchase the ticket.

*Datatype:* ["Max4Text"](#) on page 1865

#### **47.1.8.35.14 ReservationNumber <RsvatnNb>**

*Presence:* [0..1]

*Definition:* Value that uniquely identifies the reservation.

*Datatype:* ["Max35Text"](#) on page 1864

#### **47.1.8.35.15 OriginalReservationSystem <OrgnlRsvatnSys>**

*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 1865

#### **47.1.8.35.16 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 1864

#### **47.1.8.35.17 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		1411
	Reference <Ref>	[0..1]	Text		1411

47.1.8.35.17.1 Type <Tp>

Presence: [0..1]  
Definition: Describes the type of document.  
Datatype: "Max35Text" on page 1864

47.1.8.35.17.2 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 1867

47.1.8.35.18 TransportType <TrnsprtTp>

Presence: [0..1]  
Definition: Type of transportation.  
Datatype: "TransportType1Code" on page 1848

CodeName	Name	Definition
AIRR	Air	Air
BUSS	Bus	Bus
OTHN	OtherNational	Other National
OTHP	OtherPrivate	Other Private
RAIL	Rail	Rail
SHIP	Ship	Ship

47.1.8.35.19 OtherTransportType <OthrTrnsprtTp>

Presence: [0..1]  
Definition: Other type of transportation.  
Datatype: "Max35Text" on page 1864

47.1.8.35.20 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 1865

47.1.8.35.21 CarrierName <CrrierNm>

Presence: [0..1]

Definition: Name of the transportation carrier.

Datatype: "Max70Text" on page 1867

47.1.8.35.22 CarrierCode <CrrierCd>

Presence: [0..1]

Definition: Identifies the operator (company providing service).

Datatype: "Max35Text" on page 1864

47.1.8.35.23 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 1864

47.1.8.35.24 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 1864

47.1.8.35.25 ServiceClass <SvcClss>

Presence: [0..1]

Definition: Indicates the service class (for example, coach or first class).

Datatype: "Max35Text" on page 1864

47.1.8.35.26 Departure <Dprture>

Presence: [0..1]

Definition: Contains departure location, date and time.

**Departure <Dprture>** contains the following elements (see "DepartureOrArrival1" on page 1235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1235
	Description <Desc>	[0..1]	Text		1235
	Date <Dt>	[0..1]	Date		1235
	Time <Tm>	[0..1]	Time		1235

47.1.8.35.27 Arrival <Arrvl>

Presence: [0..1]



*Definition:* Contains arrival location, date and time.

**Arrival <Arrvl>** contains the following elements (see "[DepartureOrArrival1](#)" on page 1235 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Location <Lctn>	[0..1]	Text		1235
	Description <Desc>	[0..1]	Text		1235
	Date <Dt>	[0..1]	Date		1235
	Time <Tm>	[0..1]	Time		1235

#### 47.1.8.35.28 Duration <Drtn>

*Presence:* [0..1]

*Definition:* Duration of the trip.

*Datatype:* "[Max4NumericText](#)" on page 1865

#### 47.1.8.35.29 StopOver <StopOver>

*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 1854):

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

#### 47.1.8.35.30 NonDirectRouteCode <NonDrctRouteCd>

*Presence:* [0..1]

*Definition:* Indicates a non-direct route between the origin and the destination.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.8.35.31 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 1864

#### 47.1.8.35.32 Insurance <Insrnc>

*Presence:* [0..1]

*Definition:* Indicates whether or not insurance was purchased.

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1854):

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

### 47.1.8.35.33 Amount <Amt>

*Presence:* [0..\*]

*Definition:* Contains trip leg amount information.

**Amount <Amt>** contains the following **AmountDetails3** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1414
	OtherType <OthrTp>	[0..1]	Text		1415
	Amount <Amt>	[1..1]	Amount		1415
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1415
	Tax <Tax>	[0..*]	±		1415

#### 47.1.8.35.33.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Code that describes the type of amount or fee.

*Datatype:* "TypeOfAmount23Code" on page 1849

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.
FEES	Fees	Fees.

#### 47.1.8.35.33.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Description of other type of amount or fee.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.35.33.3 Amount <Amt>

*Presence:* [1..1]

*Definition:* Contains the amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.35.33.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the tax amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

#### 47.1.8.35.33.5 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Taxes related to the products or services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclInTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.35.34 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 1864

#### 47.1.8.35.35 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 1864

#### 47.1.8.35.36 LoyaltyProgramme <LltyPrgrmm>

*Presence:* [0..1]

*Definition:* Loyalty programme details.

**LoyaltyProgramme <LltyPrgrmm>** contains the following elements (see "LoyaltyProgramme4" on page 1441 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1442
	Identification <Id>	[0..1]	Text		1442
	ParticipantIdentification <PtcptId>	[0..1]	Text		1442

#### 47.1.8.35.37 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional user-defined data pertaining to the transportation.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 47.1.8.36 TemporaryServices3

*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
	CompanyName <CpnyNm>	[0..1]	Text		1418
	CompanyDepartment <CpnyDept>	[0..1]	Text		1418
	CompanyIdentification <CpnyId>	[0..1]	±		1418
	CompanySupervisor <CpnySprvsr>	[0..1]	Text		1418
	EmployeePersonalIdentification <MplyeePrsnlId>	[0..1]	Text		1418
	EmployeeIdentification <MplyeeId>	[0..1]	Text		1418
	EmployeeName <MplyeeNm>	[0..1]	Text		1419
	EmployeeProfessionalLevel <MplyeePrfssnlLvl>	[0..1]	Text		1419
	JobCode <JobCd>	[0..1]	Text		1419
	JobDescription <JobDesc>	[0..1]	Text		1419
	JobStartDate <JobStartDt>	[0..1]	Date		1419
	JobDuration <JobDrtn>	[0..1]	Text		1419
	JobEndDate <JobEndDt>	[0..1]	Date		1419
	FlatRateIndicator <FlatRateInd>	[0..1]	Indicator		1419
	DiscountAmount <DscntAmt>	[0..1]	Amount		1420
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1420
	TimeSheet <TmSheet>	[0..1]	Text		1420
	WeekEnding <WkEndg>	[0..1]	Date		1420
	Charge <Chrg>	[0..*]	±		1420
	MiscellaneousExpenses <MiscExpnss>	[0..*]	±		1420
	SubtotalAmount <SbttlAmt>	[0..1]	Amount		1421
	Tax <Tax>	[0..*]	±		1421
	AdditionalData <AddtlData>	[0..*]	±		1421

#### 47.1.8.36.1 CompanyName <CpnyNm>

*Presence:* [0..1]

*Definition:* Contains the name of the individual at the contracting company that has requested temporary services.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.36.2 CompanyDepartment <CpnyDept>

*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 1867

#### 47.1.8.36.3 CompanyIdentification <CpnyId>

*Presence:* [0..1]

*Definition:* Identification of the temporary services company.

**CompanyIdentification <CpnyId>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

#### 47.1.8.36.4 CompanySupervisor <CpnySprvrs>

*Presence:* [0..1]

*Definition:* Contains the name of the individual at the contracting company that is supervising the temporary staff.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.36.5 EmployeePersonalIdentification <MplyeePrsnId>

*Presence:* [0..1]

*Definition:* Contains the personal ID associated with the individual working in a temporary capacity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.36.6 EmployeeIdentification <MplyeId>

*Presence:* [0..1]

*Definition:* Contains the company-provided ID associated with the individual working in a temporary capacity.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.36.7 EmployeeName <MplyeeNm>**

*Presence:* [0..1]

*Definition:* Contains the name of the individual working in a temporary capacity.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.36.8 EmployeeProfessionalLevel <MplyeePrfssnlLvl>**

*Presence:* [0..1]

*Definition:* Contains the professional level of the individual working in a temporary capacity.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.36.9 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 1864

#### **47.1.8.36.10 JobDescription <JobDesc>**

*Presence:* [0..1]

*Definition:* Contains the description of the job or task of the individual working in a temporary capacity.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.36.11 JobStartDate <JobStartDt>**

*Presence:* [0..1]

*Definition:* Contains the start date of the job.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.36.12 JobDuration <JobDrtn>**

*Presence:* [0..1]

*Definition:* Duration of the job expressed in number of days.

*Datatype:* "Max5NumericText" on page 1866

#### **47.1.8.36.13 JobEndDate <JobEndDt>**

*Presence:* [0..1]

*Definition:* Contains the end date of the job.

*Datatype:* "ISODate" on page 1854

#### **47.1.8.36.14 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 1854):

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

**47.1.8.36.15 DiscountAmount <DscntAmt>**

*Presence:* [0..1]

*Definition:* Contains the discount amount.

*Datatype:* ["ImpliedCurrencyAndAmount"](#) on page 1783

**47.1.8.36.16 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 1864

**47.1.8.36.17 TimeSheet <TmSheet>**

*Presence:* [0..1]

*Definition:* Contains the time sheet identification number.

*Datatype:* ["Max35Text"](#) on page 1864

**47.1.8.36.18 WeekEnding <WkEndg>**

*Presence:* [0..1]

*Definition:* Contains the date of the end of the billing cycle.

*Datatype:* ["ISODate"](#) on page 1854

**47.1.8.36.19 Charge <Chrg>**

*Presence:* [0..\*]

*Definition:* Contains details of the amount charged.

**Charge <Chrg>** contains the following elements (see ["Amount12"](#) on page 1162 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1162
	OtherType <OthrTp>	[0..1]	Text		1163
	Rate <Rate>	[0..1]	Amount		1163
	Hours <Hrs>	[0..1]	Text		1163

**47.1.8.36.20 MiscellaneousExpenses <MiscExpnss>**

*Presence:* [0..\*]



*Definition:* Contains miscellaneous expense details.

**MiscellaneousExpenses <MiscExpnss>** contains the following elements (see "Amount13" on page 1164 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1164
	Description <Desc>	[0..1]	Text		1164
	Amount <Amt>	[1..1]	Amount		1165

#### 47.1.8.36.21 SubtotalAmount <SbttlAmt>

*Presence:* [0..1]

*Definition:* Subtotal amount exclusive of tax.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.36.22 Tax <Tax>

*Presence:* [0..\*]

*Definition:* Contains the amount of taxes assessed for temporary services.

**Tax <Tax>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.36.23 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional user-defined data pertaining to the temporary services.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.8.37 Invoice3

*Definition:* Invoice data pertaining to the payment transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Number <Nb>	[0..1]	Text		1424
	Date <Dt>	[0..1]	Date		1424
	CreationDateTime <CreDtTm>	[0..1]	DateTime		1424
	SummaryCommodityIdentification <SummryCmmdtyId>	[0..1]	Text		1424
	SellerName <SellrNm>	[0..1]	Text		1424
	SellerIdentification <SellrId>	[0..1]	±		1425
	SellerAddress <SellrAdr>	[0..1]	±		1425
	SellerContact <SellrCtct>	[0..1]			1425
	Name <Nm>	[0..1]	Text		1426
	GivenName <GvnNm>	[0..1]	Text		1426
	MiddleName <MddlNm>	[0..1]	Text		1426
	LastName <LastNm>	[0..1]	Text		1426
	Phone <Phne>	[0..1]	Text		1426
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1427
	TollFreePhone <TollFreePhne>	[0..1]	Text		1427
	Email <Email>	[0..1]	Text		1427
	Fax <Fax>	[0..1]	Text		1427
	URL <URL>	[0..1]	Text		1427
	Language <Lang>	[0..1]	CodeSet		1427
	SellerTaxRegistrationIdentification <SellrTaxRegnId>	[0..1]	Text		1427
	SellerAdditionalInformation <SellrAddtlInf>	[0..1]	Text		1427
	BuyerName <BuyrNm>	[0..1]	Text		1428
	BuyerIdentification <BuyrId>	[0..1]	±		1428
	BuyerAddress <BuyrAdr>	[0..1]	±		1428
	BuyerContact <BuyrCtct>	[0..1]			1429
	Name <Nm>	[0..1]	Text		1429
	GivenName <GvnNm>	[0..1]	Text		1429
	MiddleName <MddlNm>	[0..1]	Text		1429
	LastName <LastNm>	[0..1]	Text		1429
	Phone <Phne>	[0..1]	Text		1430
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1430

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TollFreePhone <TollFreePhne>	[0..1]	Text		1430
	Email <Email>	[0..1]	Text		1430
	Fax <Fax>	[0..1]	Text		1430
	URL <URL>	[0..1]	Text		1430
	Language <Lang>	[0..1]	CodeSet		1430
	BuyerTaxRegistrationIdentification <BuyrTaxRegnId>	[0..1]	Text		1430
	BuyerAdditionalInformation <BuyrAddtlInf>	[0..1]	Text		1430
	FreightAmount <FrghtAmt>	[0..1]	Amount		1431
	TaxTotal <TaxTtl>	[0..*]	±		1431
	TaxReclaimMethod <TaxRclmMtd>	[0..1]	CodeSet		1431
	AdditionalData <AddtlData>	[0..*]	±		1432
	LineItem <LineItem>	[0..*]	±		1432

#### 47.1.8.37.1 Number <Nb>

*Presence:* [0..1]

*Definition:* Contains the invoice number.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.37.2 Date <Dt>

*Presence:* [0..1]

*Definition:* Effective billing date.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.37.3 CreationDateTime <CreDtTm>

*Presence:* [0..1]

*Definition:* Contains the date and time the electronic invoice was created.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.8.37.4 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 1864

#### 47.1.8.37.5 SellerName <SellrNm>

*Presence:* [0..1]

*Definition:* Name of the seller.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.37.6 SellerIdentification <SellrId>

*Presence:* [0..1]

*Definition:* Identification of the seller.

**SellerIdentification <SellrId>** contains the following elements (see "PartyIdentification285" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

#### 47.1.8.37.7 SellerAddress <SellrAdr>

*Presence:* [0..1]

*Definition:* Address of the seller.

**SellerAddress <SellrAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.8.37.8 SellerContact <SellrCtct>

*Presence:* [0..1]

*Definition:* Contact information related to the seller.

**SellerContact** <SellrCtct> contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1426
	GivenName <GvnNm>	[0..1]	Text		1426
	MiddleName <MddINm>	[0..1]	Text		1426
	LastName <LastNm>	[0..1]	Text		1426
	Phone <Phne>	[0..1]	Text		1426
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1427
	TollFreePhone <TollFreePhne>	[0..1]	Text		1427
	Email <Email>	[0..1]	Text		1427
	Fax <Fax>	[0..1]	Text		1427
	URL <URL>	[0..1]	Text		1427
	Language <Lang>	[0..1]	CodeSet		1427

#### 47.1.8.37.8.1 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 1867

#### 47.1.8.37.8.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.37.8.3 MiddleName <MddINm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.37.8.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.37.8.5 Phone <Phne>

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

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*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.8.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.8.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.8.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.37.8.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.8.10 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.37.8.11 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.8.37.9 SellerTaxRegistrationIdentification <SellrTaxRegnId>**

*Presence:* [0..1]

*Definition:* Identification of the seller recognized by the taxation authority.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.37.10 SellerAdditionalInformation <SellrAddtlInf>**

*Presence:* [0..1]

*Definition:* Additional information about the seller.

*Datatype:* "Max1000Text" on page 1858

**47.1.8.37.11 BuyerName <BuyrNm>***Presence:* [0..1]*Definition:* Name of the buyer.*Datatype:* "Max70Text" on page 1867**47.1.8.37.12 BuyerIdentification <BuyrId>***Presence:* [0..1]*Definition:* Identification of the buyer.**BuyerIdentification <BuyrId>** contains the following elements (see "[PartyIdentification285](#)" on page 1641 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

**47.1.8.37.13 BuyerAddress <BuyrAdr>***Presence:* [0..1]*Definition:* Address of the buyer.**BuyerAddress <BuyrAdr>** contains the following elements (see "[Address2](#)" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153



#### 47.1.8.37.14 BuyerContact <BuyrCtct>

*Presence:* [0..1]

*Definition:* Contact information related to the buyer.

**BuyerContact <BuyrCtct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1429
	GivenName <GvnNm>	[0..1]	Text		1429
	MiddleName <MddINm>	[0..1]	Text		1429
	LastName <LastNm>	[0..1]	Text		1429
	Phone <Phne>	[0..1]	Text		1430
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1430
	TollFreePhone <TollFreePhne>	[0..1]	Text		1430
	Email <Email>	[0..1]	Text		1430
	Fax <Fax>	[0..1]	Text		1430
	URL <URL>	[0..1]	Text		1430
	Language <Lang>	[0..1]	CodeSet		1430

##### 47.1.8.37.14.1 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 1867

##### 47.1.8.37.14.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

##### 47.1.8.37.14.3 MiddleName <MddINm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

##### 47.1.8.37.14.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.8.37.14.5 Phone <Phne>**

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.14.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.14.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.14.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.37.14.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.8.37.14.10 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.8.37.14.11 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.8.37.15 BuyerTaxRegistrationIdentification <BuyrTaxRegnId>**

*Presence:* [0..1]

*Definition:* Identification of the buyer recognized by the taxation authority.

*Datatype:* "Max70Text" on page 1867

#### **47.1.8.37.16 BuyerAdditionalInformation <BuyrAddtlInf>**

*Presence:* [0..1]

*Definition:* Additional information about the buyer.

*Datatype:* "Max1000Text" on page 1858

#### 47.1.8.37.17 FreightAmount <FrghtAmt>

*Presence:* [0..1]

*Definition:* Contains the freight charges for the entire purchase.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.37.18 TaxTotal <TaxTtl>

*Presence:* [0..\*]

*Definition:* Contains the total tax amount for the entire purchase.

**TaxTotal <TaxTtl>** contains the following elements (see "Tax41" on page 1766 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.8.37.19 TaxReclaimMethod <TaxRclmMtd>

*Presence:* [0..1]

*Definition:* Code that identifies the disposition of the tax reclaim invoice.

*Datatype:* "TaxReclaimMethod1Code" on page 1845

CodeName	Name	Definition
INPP	InvoicePrintedPrimary	Invoice printed and given to purchaser and then used for tax reclaim
INPS	InvoicePrintedSupplemental	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

47.1.8.37.20 AdditionalData <AddtlData>

Presence: [0..\*]  
Definition: Additional customer device data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.8.37.21 Lineltem <Lineltn>

Presence: [0..\*]  
Definition: Line item information.

**Lineltm <Lineltm>** contains the following elements (see "InvoiceLineltm3" on page 1379 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[0..1]	Date		1380
	OrderDate <OrdrDt>	[0..1]	Date		1381
	ContractNumber <CtrctNb>	[0..1]	Text		1381
	ShippingDate <ShppgDt>	[0..1]	Date		1381
	Rebilling <Rbllg>	[0..1]	Indicator		1381
	MedicalServices <MdclSvcs>	[0..1]	Indicator		1381
	ShipToIndustryCode <ShipToIndstryCd>	[0..1]	Text		1381
	ProductCode <PdctCd>	[0..1]	Text		1381
	ProductQualifier <PdctQlfr>	[0..1]	Text		1382
	Description <Desc>	[0..1]	Text		1382
	TypeOfSupply <TpOfSply>	[0..1]	Text		1382
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1382
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1384
	UnitPrice <UnitPric>	[0..1]	Amount		1384
	ProductQuantity <PdctQty>	[0..1]	Quantity		1384
	AdjustmentAmount <AdjstmntAmt>	[0..1]	Amount		1384
	AdjustmentCreditDebit <AdjstmntCdtDbt>	[0..1]	CodeSet		1384
	AdjustmentReason <AdjstmntRsn>	[0..1]	Text		1384
	Insurance <Insrnc>	[0..1]	Indicator		1384
	InsuranceAmount <InsrncAmt>	[0..1]	Amount		1385
	Tax <Tax>	[0..*]	±		1385
	VATInvoiceReference <VATInvRef>	[0..1]	Text		1385
	TotalAmount <TtlAmt>	[0..1]	Amount		1385
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1385
	ZeroCostToCustomer <ZeroCostToCstmr>	[0..1]	Indicator		1386
	AdditionalData <AddtlData>	[0..*]	±		1386

### 47.1.8.38 LodgingRoom2

*Definition:* Room details

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1434
	Location <Lctn>	[0..1]	Text		1434
	BedType <BedTp>	[0..1]	Text		1434
	Guests <Gsts>	[0..1]	Text		1434
	Adults <Adlts>	[0..1]	Text		1434
	Children <Chldrn>	[0..1]	Text		1434
	DailyRate <DalyRate>	[0..1]	Amount		1435

#### 47.1.8.38.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of room (for example, club/lounge level room).

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.38.2 Location <Lctn>

*Presence:* [0..1]

*Definition:* Contains the room location information (for example,ocean view, lake view, level, etc.)

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.38.3 BedType <BedTp>

*Presence:* [0..1]

*Definition:* Contain the type of bed in room (for example, single, double, king, etc.)

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.38.4 Guests <Gsts>

*Presence:* [0..1]

*Definition:* Contains the number of guests in the room.

*Datatype:* "Max3NumericText" on page 1864

#### 47.1.8.38.5 Adults <Adlts>

*Presence:* [0..1]

*Definition:* Contains the number of adult guests in the room.

*Datatype:* "Max3NumericText" on page 1864

#### 47.1.8.38.6 Children <Chldrn>

*Presence:* [0..1]

*Definition:* Contains the number of child guests in the room.

*Datatype:* "Max3NumericText" on page 1864

#### **47.1.8.38.7 DailyRate <DalyRate>**

*Presence:* [0..1]

*Definition:* Daily rate being charged for the room.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.8.39 Plan3**

*Definition:* Attributes of the instalment plan.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1436
	Owner <Ownr>	[0..1]	CodeSet		1437
	OtherOwner <OthrOwnr>	[0..1]	Text		1437
	OwnerName <OwnrNm>	[0..1]	Text		1437
	RegistrationSystemIdentification <RegnSysId>	[0..1]	Text		1437
	PaymentType <PmtTp>	[0..1]	Text		1437
	Deferred <Dfrd>	[0..1]	Indicator		1437
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1437
	NumberOfPeriods <NbOfPrds>	[0..1]	Quantity		1438
	DeferredPeriods <DfrdPrds>	[0..1]	Quantity		1438
	InterestRate <IntrstRate>	[0..*]			1438
	Type <Tp>	[0..1]	CodeSet		1439
	OtherType <OthrTp>	[0..1]	Text		1439
	Period <Prd>	[0..1]	CodeSet		1439
	Rate <Rate>	[1..1]	Rate		1439
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1439
	FirstAmount <FrstAmt>	[0..1]	Amount		1439
	NormalPaymentAmount <NrmlPmtAmt>	[0..1]	Amount		1439
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1440
	Currency <Ccy>	[0..1]	CodeSet	C2	1440
	GracePeriodUnitType <GracePrdUnitTp>	[0..1]	CodeSet		1440
	OtherGracePeriodUnitType <OthrGracePrdUnitTp>	[0..1]	Text		1440
	NumberOfGracePeriodUnits <NbOfGracePrdUnits>	[0..1]	Text		1440
	CustomerSelectedGracePeriod <CstmrSelctdGracePrd>	[0..1]	Indicator		1441
	AmountDetails <AmtDtls>	[0..*]	±		1441
	GrandTotalAmount <GrdTtlAmt>	[0..1]	Amount		1441
	AdditionalData <AddtlData>	[0..*]	±		1441

#### 47.1.8.39.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the instalment plan.

*Datatype:* "Max70Text" on page 1867



#### 47.1.8.39.2 Owner <Ownr>

*Presence:* [0..1]

*Definition:* List of plan owners.

*Datatype:* "PlanOwner1Code" on page 1837

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.

#### 47.1.8.39.3 OtherOwner <OthrOwnr>

*Presence:* [0..1]

*Definition:* Other plan owner, used when PlanOwner is OtherNational or OtherPrivate.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.39.4 OwnerName <OwnrNm>

*Presence:* [0..1]

*Definition:* Name of the instalment owner

*Datatype:* "Max256Text" on page 1863

#### 47.1.8.39.5 RegistrationSystemIdentification <RegnSysId>

*Presence:* [0..1]

*Definition:* Contains plan registration system identifier.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.39.6 PaymentType <PmtTp>

*Presence:* [0..1]

*Definition:* Instalment payment type.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.39.7 Deferred <Dfrrd>

*Presence:* [0..1]

*Definition:* Indicate a deferred Instalment plan.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.8.39.8 PeriodUnit <PrdUnit>

*Presence:* [0..1]

*Definition:* Period unit between consecutive payments.

*Datatype:* "Frequency18Code" on page 1816

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

#### 47.1.8.39.9 NumberOfPeriods <NbOfPrds>

*Presence:* [0..1]

*Definition:* Number of period units between consecutive payments.

*Datatype:* "Number" on page 1856

#### 47.1.8.39.10 DeferredPeriods <DfrdPrds>

*Presence:* [0..1]

*Definition:* Contains the number of period units between initiation of instalment plan and the date of required first payment.

*Datatype:* "Number" on page 1856

#### 47.1.8.39.11 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		1439
	OtherType <OthrTp>	[0..1]	Text		1439
	Period <Prd>	[0..1]	CodeSet		1439
	Rate <Rate>	[1..1]	Rate		1439

#### 47.1.8.39.11.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Interest rate applicable to the instalment.

*Datatype:* "InterestRate1Code" on page 1820

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

#### 47.1.8.39.11.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of interest applied to the instalment, when Type is OtherNational or OtherPrivate.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.39.11.3 Period <Prd>

*Presence:* [0..1]

*Definition:* Contains instalment period

*Datatype:* "InstalmentPeriod1Code" on page 1820

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

#### 47.1.8.39.11.4 Rate <Rate>

*Presence:* [1..1]

*Definition:* Rate expressed as a decimal, example, 0.7 is 7/10 and 70%.

*Datatype:* "BaseOneRate" on page 1856

#### 47.1.8.39.12 FirstPaymentDate <FrstPmtDt>

*Presence:* [0..1]

*Definition:* Date of the first payment.

*Datatype:* "ISODate" on page 1854

#### 47.1.8.39.13 FirstAmount <FrstAmt>

*Presence:* [0..1]

*Definition:* Amount of the first payment when different from the subsequent payments.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.8.39.14 NormalPaymentAmount <NrmlPmtAmt>

*Presence:* [0..1]

*Definition:* Normal payment amount.

*Datatype:* ["ImpliedCurrencyAndAmount"](#) on page 1783

**47.1.8.39.15 TotalNumberOfPayments <TtINbOfPmts>**

*Presence:* [0..1]

*Definition:* Total number of instalment payments.

*Datatype:* ["Number"](#) on page 1856

**47.1.8.39.16 Currency <Ccy>**

*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 1821

**Constraints**

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

**47.1.8.39.17 GracePeriodUnitType <GracePrdUnitTp>**

*Presence:* [0..1]

*Definition:* Grace period unit type.

*Datatype:* ["GracePeriodUnitType1Code"](#) on page 1818

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.

**47.1.8.39.18 OtherGracePeriodUnitType <OthrGracePrdUnitTp>**

*Presence:* [0..1]

*Definition:* Grace period other unit type.

*Datatype:* ["Max35Text"](#) on page 1864

**47.1.8.39.19 NumberOfGracePeriodUnits <NbOfGracePrdUnits>**

*Presence:* [0..1]

*Definition:* Number of grace period as defined by grace period unit type.

*Datatype:* ["Max3NumericText"](#) on page 1864

**47.1.8.39.20 CustomerSelectedGracePeriod <CstmrSelctdGracePrd>***Presence:* [0..1]*Definition:* Indicates a customer selected grace period*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

**47.1.8.39.21 AmountDetails <AmtDtls>***Presence:* [0..\*]*Definition:* Contains the amount details of an instalment plan.**AmountDetails <AmtDtls>** contains the following elements (see ["InstalmentAmountDetails3"](#) on page 1178 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1179
	OtherType <OthrTp>	[0..1]	Text		1179
	SubType <SubTp>	[0..1]	Text		1179
	Amount <Amt>	[1..1]	Amount		1180
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1180
	Percentage <Pctg>	[0..1]	Rate		1180

**47.1.8.39.22 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 1783**47.1.8.39.23 AdditionalData <AddtlData>***Presence:* [0..\*]*Definition:* Additional plan data**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.8.40 LoyaltyProgramme4***Definition:* Loyalty programme information

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1442
	Identification <Id>	[0..1]	Text		1442
	ParticipantIdentification <PtcptId>	[0..1]	Text		1442

#### 47.1.8.40.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of loyalty programme (for example, airline, lodging, vehicle and rail etc.).

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.40.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Loyalty programme identification value.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.40.3 ParticipantIdentification <PtcptId>

*Presence:* [0..1]

*Definition:* Loyalty programme participant identification value.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.41 Instalment6

*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		1442
	Plan <Plan>	[0..*]	±		1442

#### 47.1.8.41.1 PaymentSequenceNumber <PmtSeqNb>

*Presence:* [0..1]

*Definition:* Indicates the occurrence of a single instalment payment within a series of instalment payments.

*Datatype:* "Number" on page 1856

#### 47.1.8.41.2 Plan <Plan>

*Presence:* [0..\*]

*Definition:* Attributes of the instalment plan.

**Plan <Plan>** contains the following elements (see "Plan3" on page 1435 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1436
	Owner <Ownr>	[0..1]	CodeSet		1437
	OtherOwner <OthrOwnr>	[0..1]	Text		1437
	OwnerName <OwnrNm>	[0..1]	Text		1437
	RegistrationSystemIdentification <RegnSysId>	[0..1]	Text		1437
	PaymentType <PmtTp>	[0..1]	Text		1437
	Deferred <Dfrd>	[0..1]	Indicator		1437
	PeriodUnit <PrdUnit>	[0..1]	CodeSet		1437
	NumberOfPeriods <NbOfPrds>	[0..1]	Quantity		1438
	DeferredPeriods <DfrdPrds>	[0..1]	Quantity		1438
	InterestRate <IntrstRate>	[0..*]			1438
	Type <Tp>	[0..1]	CodeSet		1439
	OtherType <OthrTp>	[0..1]	Text		1439
	Period <Prd>	[0..1]	CodeSet		1439
	Rate <Rate>	[1..1]	Rate		1439
	FirstPaymentDate <FrstPmtDt>	[0..1]	Date		1439
	FirstAmount <FrstAmt>	[0..1]	Amount		1439
	NormalPaymentAmount <NrmlPmtAmt>	[0..1]	Amount		1439
	TotalNumberOfPayments <TtlNbOfPmts>	[0..1]	Quantity		1440
	Currency <Ccy>	[0..1]	CodeSet	C2	1440
	GracePeriodUnitType <GracePrdUnitTp>	[0..1]	CodeSet		1440
	OtherGracePeriodUnitType <OthrGracePrdUnitTp>	[0..1]	Text		1440
	NumberOfGracePeriodUnits <NbOfGracePrdUnits>	[0..1]	Text		1440
	CustomerSelectedGracePeriod <CstmrSelctdGracePrd>	[0..1]	Indicator		1441
	AmountDetails <AmtDtls>	[0..*]	±		1441
	GrandTotalAmount <GrdTtlAmt>	[0..1]	Amount		1441
	AdditionalData <AddtlData>	[0..*]	±		1441

#### 47.1.8.42 Sale3

*Definition:* Details of good and services included in the sale.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SummaryCommodityIdentification <SummryCmmdtyld>	[0..1]	Text		1444
	LoyaltyProgramme <LltyPrgrmm>	[0..1]	±		1444
	Adjustment <Adjstmnt>	[0..*]			1444
	Type <Tp>	[0..1]	Text		1445
	AdditionalType <AddtlTp>	[0..1]	Text		1445
	Description <Desc>	[0..1]	Text		1445
	Reason <Rsn>	[0..1]	Text		1445
	PromotionCode <Prmtncd>	[0..1]	Text		1445
	Percentage <Pctg>	[0..1]	Rate		1445
	Amount <Amt>	[0..1]	Amount		1446
	TaxOnOriginalAmount <TaxOnOrgnlAmt>	[0..1]	Indicator		1446
	LineItem <Lineltm>	[0..*]	±		1446

#### 47.1.8.42.1 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 1864

#### 47.1.8.42.2 LoyaltyProgramme <LltyPrgrmm>

*Presence:* [0..1]

*Definition:* Contains loyalty programme information.

**LoyaltyProgramme <LltyPrgrmm>** contains the following elements (see "[LoyaltyProgramme4](#)" on page 1441 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1442
	Identification <Id>	[0..1]	Text		1442
	ParticipantIdentification <Ptcptld>	[0..1]	Text		1442

#### 47.1.8.42.3 Adjustment <Adjstmnt>

*Presence:* [0..\*]

*Definition:* Contains adjustment details of the transaction (for example, percentage, adjustment amount, etc.).



**Adjustment <Adjstmnt>** contains the following **Adjustment13** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1445
	AdditionalType <AddtlTp>	[0..1]	Text		1445
	Description <Desc>	[0..1]	Text		1445
	Reason <Rsn>	[0..1]	Text		1445
	PromotionCode <PrmtnCd>	[0..1]	Text		1445
	Percentage <Pctg>	[0..1]	Rate		1445
	Amount <Amt>	[0..1]	Amount		1446
	TaxOnOriginalAmount <TaxOnOrgnlAmt>	[0..1]	Indicator		1446

#### 47.1.8.42.3.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of adjustment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.42.3.2 AdditionalType <AddtlTp>

*Presence:* [0..1]

*Definition:* Additional information to specify the type of adjustment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.42.3.3 Description <Desc>

*Presence:* [0..1]

*Definition:* Description of the adjustment.

*Datatype:* "Max70Text" on page 1867

#### 47.1.8.42.3.4 Reason <Rsn>

*Presence:* [0..1]

*Definition:* Reason for the adjustment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.42.3.5 PromotionCode <PrmtnCd>

*Presence:* [0..1]

*Definition:* Promotion or adjustment code.

*Datatype:* "Max35Text" on page 1864

#### 47.1.8.42.3.6 Percentage <Pctg>

*Presence:* [0..1]

*Definition:* Contains the percentage value of the discount (when applicable).

---

*Datatype:* "PercentageRate" on page 1857

#### **47.1.8.42.3.7 Amount <Amt>**

*Presence:* [0..1]

*Definition:* Contains amount of the adjustment, exclusive of tax.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### **47.1.8.42.3.8 TaxOnOriginalAmount <TaxOnOrgnlAmt>**

*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 1854):

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

#### **47.1.8.42.4 LinelItem <Lineltm>**

*Presence:* [0..\*]

*Definition:* Sale line item information.

**LinItem <LinItem>** contains the following elements (see "SaleItem4" on page 1398 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProductType <PdctTp>	[0..1]	Text		1400
	ProductCode <PdctCd>	[0..1]	Text		1400
	ProductCodeType <PdctCdTp>	[0..1]	CodeSet		1400
	AdditionalProductCode <AddtlPdctCd>	[0..1]	Text		1400
	AdditionalProductCodeType <AddtlPdctCdTp>	[0..1]	Text		1400
	ProductCodeModifier <PdctCdModfr>	[0..1]	Quantity		1401
	ProductDescription <PdctDesc>	[0..1]	Text		1401
	UnitOfMeasure <UnitOfMeasr>	[0..1]	CodeSet		1401
	OtherUnitOfMeasure <OthrUnitOfMeasr>	[0..1]	Text		1402
	ProductQuantity <PdctQty>	[0..1]	Quantity		1403
	NonAdjustedUnitPrice <NonAdjstdUnitPric>	[0..1]	Amount		1403
	NonAdjustedTotalAmount <NonAdjstdTtlAmt>	[0..1]	Amount		1403
	Adjustment <Adjstmnt>	[0..*]			1403
	Type <Tp>	[0..1]	Text		1403
	AdditionalType <AddtlTp>	[0..1]	Text		1404
	Description <Desc>	[0..1]	Text		1404
	Reason <Rsn>	[0..1]	Text		1404
	PromotionEligibility <PrmtnElgblty>	[0..1]	Indicator		1404
	PromotionCode <PrmtnCd>	[0..1]	Text		1404
	PromotionCouponNumber <PrmtnCpnNb>	[0..1]	Text		1404
	Quantity <Qty>	[0..1]	Quantity		1404
	UnitPrice <UnitPric>	[0..1]	Amount		1404
	Percentage <Pctg>	[0..1]	Rate		1405
	Amount <Amt>	[0..1]	Amount		1405
	TaxOnOriginalAmount <TaxOnOrgnlAmt>	[0..1]	Indicator		1405
	AdjustedAmount <AdjstdAmt>	[0..1]	Amount		1405
	InsuranceIndicator <Insrnclnd>	[0..1]	Indicator		1405
	InsuranceAmount <InsrnAmt>	[0..1]	Amount		1405
	Tax <Tax>	[0..*]	±		1405
	TotalAmount <TtlAmt>	[0..1]	Amount		1406

## 47.1.9 Customer Device

### 47.1.9.1 CustomerDevice5

*Definition:* Details of the customer device.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdIld>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

#### 47.1.9.1.1 Manufacturer <Manfctr>

*Presence:* [0..1]

*Definition:* Manufacturer of the device.

*Datatype:* "Max70Text" on page 1867

#### 47.1.9.1.2 ManufacturerModelIdentification <ManfctrMdIld>

*Presence:* [0..1]

*Definition:* Manufacturer's identification of the model.

*Datatype:* "Max70Text" on page 1867

#### 47.1.9.1.3 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of customer device.

*Datatype:* "CustomerDeviceType2Code" on page 1809

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 1864

#### 47.1.9.1.5 Language <Lang>

*Presence:* [0..1]

*Definition:* Preferred language set on the device

*Datatype:* "ISO2ALanguageCode" on page 1820

#### 47.1.9.1.6 Phone <Phne>

*Presence:* [0..1]

*Definition:* Phone number associated with the device.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.9.1.7 GeographicLocation <GeogcLctn>**

*Presence:* [0..1]

*Definition:* Geographical location of the device.

*Datatype:* "GeographicPointInDecimalDegrees" on page 1858

#### **47.1.9.1.8 LocationCountryCode <LctnCtryCd>**

*Presence:* [0..1]

*Definition:* Country of the location.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### **47.1.9.1.9 IPAddress <IPAdr>**

*Presence:* [0..1]

*Definition:* Internet Protocol address associated with the device.

*Datatype:* "Max70Text" on page 1867

#### **47.1.9.1.10 Email <Email>**

*Presence:* [0..1]

*Definition:* Electronic mail address associated with the device.

*Datatype:* "Max256Text" on page 1863

#### **47.1.9.1.11 DeviceName <DvcNm>**

*Presence:* [0..1]

*Definition:* Customer's name of the device.

*Datatype:* "Max100Text" on page 1859

#### **47.1.9.1.12 DeviceNameNormalized <DvcNmNrmlzd>**

*Presence:* [0..1]

*Definition:* Customer assigned device name, normalized.

*Datatype:* "Max100Text" on page 1859

#### **47.1.9.1.13 DeviceIdentification <DvcId>**

*Presence:* [0..\*]

*Definition:* Identification of the device.

**DeviceIdentification <DvcId>** contains the following elements (see "DeviceIdentification1" on page 1452 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1452
	OtherType <OthrTp>	[0..1]	Text		1452
	Identification <Id>	[0..1]	Text		1452
	Assigner <Assgnr>	[0..1]	Text		1453

#### 47.1.9.1.14 OperatingSystemIdentification <OprgSysId>

*Presence:* [0..1]

*Definition:* Identification of the operating system.

*Datatype:* "Max70Text" on page 1867

#### 47.1.9.1.15 OperatingSystemType <OprgSysTp>

*Presence:* [0..1]

*Definition:* Type of device operating system.

*Datatype:* "ExternalDeviceOperatingSystemType1Code" on page 1812

#### 47.1.9.1.16 OtherOperatingSystemType <OthrOprgSysTp>

*Presence:* [0..1]

*Definition:* Other type of operating system.

*Datatype:* "Max35Text" on page 1864

#### 47.1.9.1.17 OperatingSystemVersion <OprgSysVrsn>

*Presence:* [0..1]

*Definition:* Version of device operating system.

*Datatype:* "Max35Text" on page 1864

#### 47.1.9.1.18 OperatingSystemBuild <OprgSysBld>

*Presence:* [0..1]

*Definition:* Build of the device operating system.

*Datatype:* "Max70Text" on page 1867

#### 47.1.9.1.19 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Provider of the customer device.

*Datatype:* "Max35Text" on page 1864

#### 47.1.9.1.20 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional customer device data.

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 47.1.9.2 DeviceIdentification1

*Definition:* Identification of the device.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1452
	OtherType <OthrTp>	[0..1]	Text		1452
	Identification <Id>	[0..1]	Text		1452
	Assigner <Assgnr>	[0..1]	Text		1453

#### 47.1.9.2.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of device.

*Datatype:* "[DeviceIdentificationType1Code](#)" on page 1810

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.

#### 47.1.9.2.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of identification.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.9.2.3 Identification <Id>

*Presence:* [0..1]

*Definition:* Identifier of the device.

*Datatype:* "[Max70Text](#)" on page 1867



47.1.9.2.4 Assigner <Assgnr>

Presence: [0..1]  
Definition: Entity that assigned the identification.  
Datatype: "Max70Text" on page 1867

47.1.10 Date Time

47.1.10.1 DateTime2

Definition: Date and time restricted format.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

47.1.10.1.1 Date <Dt>

Presence: [1..1]  
Definition: Date of currency conversion.  
Datatype: "ISODate" on page 1854

47.1.10.1.2 Time <Tm>

Presence: [0..1]  
Definition: Time of currency conversion  
Datatype: "ISOTime" on page 1869

47.1.11 De Minimus

47.1.11.1 DepositDetails3

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		1453
	OtherType <OthrTp>	[0..1]	Text		1454
	Amount <Amt>	[0..1]	Amount		1454
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1454

47.1.11.1.1 Type <Tp>

Presence: [1..1]  
Definition: Funding source used for deposit.  
Datatype: "CardDepositType1Code" on page 1803

CodeName	Name	Definition
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
ENVL	Envelope	Envelope
CHEC	Cheque	Cheque
CASH	Cash	Cash

#### 47.1.11.1.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other funding source used for deposit.

*Datatype:* "Max35Text" on page 1864

#### 47.1.11.1.3 Amount <Amt>

*Presence:* [0..1]

*Definition:* Amount value.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.11.1.4 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* Sign of the amount.

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

## 47.1.12 Dispute

### 47.1.12.1 DisputeData4

*Definition:* Data to be present in a dispute.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

#### 47.1.12.1.1 Cycle <Cycl>

*Presence:* [0..1]

*Definition:* Indicates the cycle of presentment.

*Datatype:* "Exact1NumericText" on page 1857

#### 47.1.12.1.2 Condition <Cond>

*Presence:* [0..1]

*Definition:* Condition of the dispute.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.1.3 Status <Sts>

*Presence:* [0..1]

*Definition:* Status of dispute.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.1.4 Partial <Prtl>

*Presence:* [0..1]

*Definition:* Partial dispute indicator.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.12.1.5 Reference <Ref>

*Presence:* [0..\*]

*Definition:* Reference for the dispute.

**Reference <Ref>** contains the following elements (see "DisputeReference1" on page 1456 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1457
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1457
	DisputeIdentification <DsptId>	[1..*]			1457
	Type <Tp>	[0..1]	Text		1457
	Identification <Id>	[1..1]	Text		1458

#### 47.1.12.1.6 DocumentationStatus <DcmnttnSts>

*Presence:* [0..1]

*Definition:* Status of the dispute documentation.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.1.7 RejectReason <RjctRsn>

*Presence:* [0..\*]

*Definition:* Reason for rejecting a dispute.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.1.8 ChargebackEligibility <ChrgbckElgblty>

*Presence:* [0..1]

*Definition:* Provides transaction chargeback eligibility conditions.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.1.9 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional information related to the dispute.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.12.2 DisputeReference1

*Definition:* Contains dispute reference details.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1457
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1457
	DisputeIdentification <Dsptld>	[1..*]			1457
	Type <Tp>	[0..1]	Text		1457
	Identification <Id>	[1..1]	Text		1458

#### 47.1.12.2.1 AssignerEntity <AssgnrNtty>

*Presence:* [0..1]

*Definition:* Name of the entity assigning the dispute reference.

*Datatype:* "PartyType32Code" on page 1834

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

#### 47.1.12.2.2 OtherAssignerEntity <OthrAssgnrNtty>

*Presence:* [0..1]

*Definition:* Other assigner entity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.2.3 DisputeIdentification <Dsptld>

*Presence:* [1..\*]

*Definition:* Identification of the dispute.

**DisputeIdentification <Dsptld>** contains the following **DisputeIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1457
	Identification <Id>	[1..1]	Text		1458

#### 47.1.12.2.3.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of dispute.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.2.3.2 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of dispute.

*Datatype:* "Max70Text" on page 1867

### 47.1.12.3 FeeCollectionReference2

*Definition:* Contains fee collection reference details.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AssignerEntity <AssgnrNtty>	[0..1]	CodeSet		1458
	OtherAssignerEntity <OthrAssgnrNtty>	[0..1]	Text		1458
	Identification <Id>	[1..*]			1458
	Type <Tp>	[0..1]	Text		1459
	Identification <Id>	[1..1]	Text		1459

#### 47.1.12.3.1 AssignerEntity <AssgnrNtty>

*Presence:* [0..1]

*Definition:* Name of the entity assigning the fee collection reference.

*Datatype:* "PartyType32Code" on page 1834

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

#### 47.1.12.3.2 OtherAssignerEntity <OthrAssgnrNtty>

*Presence:* [0..1]

*Definition:* Other assigner entity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.3.3 Identification <Id>

*Presence:* [1..\*]

*Definition:* Identification of the fee collection.

**Identification <Id>** contains the following **FeeCollectionIdentification1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1459
	Identification <Id>	[1..1]	Text		1459

#### 47.1.12.3.3.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of fee collection.

*Datatype:* "Max35Text" on page 1864

#### 47.1.12.3.3.2 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of fee collection.

*Datatype:* "Max70Text" on page 1867

## 47.1.13 Financial Institution Identification

### 47.1.13.1 FinancialInstitution8

*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		1459
	Name <Nm>	[0..1]	Text		1460
	Address <Adr>	[0..1]	±		1460
	Email <Email>	[0..1]	Text		1460
	URL <URL>	[0..1]	Text		1460
	Phone <Phne>	[0..1]	Text		1460
	CustomerService <CstmrSvc>	[0..1]	Text		1461
	AdditionalContact <AddtlCtct>	[0..1]	Text		1461
	LocalData <LclData>	[0..1]	±		1461

#### 47.1.13.1.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the financial institution.

*Datatype:* "Max35Text" on page 1864

#### 47.1.13.1.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the financial institution.

*Datatype:* "Max70Text" on page 1867

#### 47.1.13.1.3 Address <Adr>

*Presence:* [0..1]

*Definition:* Address of the financial institution.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.13.1.4 Email <Email>

*Presence:* [0..1]

*Definition:* Electronic mail address of the financial institution.

*Datatype:* "Max256Text" on page 1863

#### 47.1.13.1.5 URL <URL>

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address of the financial institution.

*Datatype:* "Max256Text" on page 1863

#### 47.1.13.1.6 Phone <Phne>

*Presence:* [0..1]

*Definition:* Collection of information that identifies a phone number, as defined by telecom services.

*Datatype:* "Max35Text" on page 1864



#### 47.1.13.1.7 CustomerService <CstmrSvc>

*Presence:* [0..1]

*Definition:* Phone number of the customer services.

*Datatype:* "Max35Text" on page 1864

#### 47.1.13.1.8 AdditionalContact <AddtlCtct>

*Presence:* [0..1]

*Definition:* Additional information used to facilitate contact with the financial institution, for instance dispute manager name.

*Datatype:* "Max256Text" on page 1863

#### 47.1.13.1.9 LocalData <LclData>

*Presence:* [0..1]

*Definition:* Contains text fields in the local language.

**LocalData <LclData>** contains the following elements (see "LocalData10" on page 1532 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1532
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1532
	Name <Nm>	[0..1]	Text		1532
	Address <Adr>	[0..1]	±		1533
	AdditionalContact <AddtlCtct>	[0..1]	Text		1533
	AdditionalData <AddtlData>	[0..*]	±		1533

### 47.1.14 Fraud

#### 47.1.14.1 ReportedFraud4

*Definition:* Fraud reporting type information

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1462
	OtherType <OthrTp>	[0..1]	Text		1463
	Action <Actn>	[1..1]	CodeSet		1463
	OtherAction <OthrActn>	[0..1]	Text		1464
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1464
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1464
	CompromisedCredential <CmprmsdCrdntl>	[0..*]	CodeSet		1464
	CardholderReportingDate <CrdhldrRptgDt>	[0..1]	Date		1467
	ConfirmationReportingDate <ConfRptgDt>	[0..1]	Date		1467
	SubmitterCaseReference <SubmitrCaseRef>	[0..1]	Text		1467
	MarketSegment <MktSgmt>	[0..1]	Text		1467
	CaseLocatorNumber <CaseLctrNb>	[0..1]	Text		1467
	CaseReference <CaseRef>	[0..1]	Text		1468
	Arrest <Arrst>	[0..1]	Indicator		1468
	InvestigationStatus <InvstgtnSts>	[0..1]	Text		1468

#### 47.1.14.1.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of fraud for which a report is established.

*Datatype:* "FraudType1Code" on page 1814

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

CodeName	Name	Definition
		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.

#### 47.1.14.1.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of fraud.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.1.3 Action <Actn>

*Presence:* [1..1]

*Definition:* Identifies the type of fraud reporting action.

*Datatype:* "FraudReportingAction1Code" on page 1814

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.

#### 47.1.14.1.4 OtherAction <OthrActn>

*Presence:* [0..1]

*Definition:* Other type of the fraud reporting action.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.1.5 ReportingEntity <RptgNtty>

*Presence:* [1..1]

*Definition:* Type of fraud reporting entity.

*Datatype:* "PartyType26Code" on page 1833

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

#### 47.1.14.1.6 OtherReportingEntity <OthrRptgNtty>

*Presence:* [0..1]

*Definition:* Other type of fraud reporting entity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.1.7 CompromisedCredential <CmprmsdCrdbl>

*Presence:* [0..\*]

*Definition:* Identifies the type of cardholder credential that was compromised.

*Datatype:* "AuthenticationMethod12Code" on page 1797

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.

#### 47.1.14.1.8 CardholderReportingDate <CrhdldrRptgDt>

*Presence:* [0..1]

*Definition:* Date of fraud as reported by the cardholder

*Datatype:* "ISODate" on page 1854

#### 47.1.14.1.9 ConfirmationReportingDate <ConfRptgDt>

*Presence:* [0..1]

*Definition:* Date fraud was confirmed by the cardholder.

*Datatype:* "ISODate" on page 1854

#### 47.1.14.1.10 SubmitterCaseReference <SubmitrCaseRef>

*Presence:* [0..1]

*Definition:* Reference to the case as provided by the submitter.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.1.11 MarketSegment <MktSgmt>

*Presence:* [0..1]

*Definition:* Type of market segment of confirmed fraud.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.1.12 CaseLocatorNumber <CaseLctrNb>

*Presence:* [0..1]

*Definition:* Case locator number.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.1.13 CaseReference <CaseRef>

*Presence:* [0..1]

*Definition:* Reference of fraudulent case.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.1.14 Arrest <Arrst>

*Presence:* [0..1]

*Definition:* Indicates whether the party that committed fraud was arrested or not.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.14.1.15 InvestigationStatus <InvstgtnSts>

*Presence:* [0..1]

*Definition:* Investigation status at time of submission.

*Datatype:* "Max256Text" on page 1863

### 47.1.14.2 ReportedFraud5

*Definition:* Fraud reporting type information

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1468
	OtherType <OthrTp>	[0..1]	Text		1469
	Action <Actn>	[1..1]	CodeSet		1469
	OtherAction <OthrActn>	[0..1]	Text		1470
	ReportingEntity <RptgNtty>	[1..1]	CodeSet		1470
	OtherReportingEntity <OthrRptgNtty>	[0..1]	Text		1470
	SubmitterCaseReference <SubmitrCaseRef>	[0..1]	Text		1471
	CaseReference <CaseRef>	[0..1]	Text		1471

#### 47.1.14.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of fraud for which a report is established.

*Datatype:* "FraudType1Code" on page 1814



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.
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.

#### 47.1.14.2.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of fraud.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.2.3 Action <Actn>

*Presence:* [1..1]

*Definition:* Identifies the type of fraud reporting action.

*Datatype:* "FraudReportingAction1Code" on page 1814

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.

#### 47.1.14.2.4 OtherAction <OthrActn>

*Presence:* [0..1]

*Definition:* Other type of the fraud reporting action.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.2.5 ReportingEntity <RptgNtty>

*Presence:* [1..1]

*Definition:* Type of fraud reporting entity.

*Datatype:* "PartyType26Code" on page 1833

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

#### 47.1.14.2.6 OtherReportingEntity <OthrRptgNtty>

*Presence:* [0..1]

*Definition:* Other type of fraud reporting entity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.2.7 SubmitterCaseReference <SubmitrCaseRef>

*Presence:* [0..1]

*Definition:* Reference to the case as provided by the submitter.

*Datatype:* "Max35Text" on page 1864

#### 47.1.14.2.8 CaseReference <CaseRef>

*Presence:* [0..1]

*Definition:* Reference of fraudulent case.

*Datatype:* "Max35Text" on page 1864

### 47.1.15 Funding

#### 47.1.15.1 FundingSource4

*Definition:* Source of funding

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1471
	OtherType <OthrTp>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1472

##### 47.1.15.1.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of source funding used to perform the transfer of funds.

*Datatype:* "FundingSourceType3Code" on page 1817

CodeName	Name	Definition
OTHN	OtherNational	Other type of account defined at national level.
OTHP	OtherPrivate	Other type of account defined at private level.
SVNG	Savings	Savings account.
UVRL	Universal	Universal account.
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.

CodeName	Name	Definition
CURR	Current	Current account.
CHQE	Cheque	Cheque
PRPD	PrePaid	Pre-paid account.
LCDT	LineOfCredit	Line of credit account.
LOYT	Loyalty	Loyalty points converted into cash.

#### 47.1.15.1.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Any other type of funding source used to perform the transfer of funds.

*Datatype:* "Max35Text" on page 1864

#### 47.1.15.1.3 Reference <Ref>

*Presence:* [0..1]

*Definition:* Reference to the funding source.

*Datatype:* "Max35Text" on page 1864

### 47.1.15.2 FundingService3

*Definition:* Funds related service such as a payment or a transfer related to the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1472
	Name <Nm>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1473
	BusinessPurpose <BizPurp>	[0..1]	Text		1473
	Description <Desc>	[0..1]	Text		1473
	FundingSource <FndgSrc>	[0..*]	±		1473
	ClaimCredentials <ClmCrdntls>	[0..1]	Text		1473
	ClaimAssigner <ClmAssgnr>	[0..1]	Text		1473

#### 47.1.15.2.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identification of the funding service provider.

*Datatype:* "Max35Text" on page 1864

#### 47.1.15.2.2 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the funding service (for example, MoneyGram, Western Union, etc.).

*Datatype:* "Max35Text" on page 1864

47.1.15.2.3 Reference <Ref>

*Presence:* [0..1]  
*Definition:* Reference to the funding service.  
*Datatype:* "Max35Text" on page 1864

47.1.15.2.4 BusinessPurpose <BizPurp>

*Presence:* [0..1]  
*Definition:* Purpose of the transfer.  
*Datatype:* "Max500Text" on page 1866

47.1.15.2.5 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 1863

47.1.15.2.6 FundingSource <FndgSrc>

*Presence:* [0..\*]  
*Definition:* Source of funding.

**FundingSource <FndgSrc>** contains the following elements (see "FundingSource4" on page 1471 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1471
	OtherType <OthrTp>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1472

47.1.15.2.7 ClaimCredentials <ClmCrdntls>

*Presence:* [0..1]  
*Definition:* Code presented by the customer to claim funds.  
*Datatype:* "Max500Text" on page 1866

47.1.15.2.8 ClaimAssigner <ClmAssgnr>

*Presence:* [0..1]  
*Definition:* Entity issuing the claim credential.  
*Datatype:* "Max35Text" on page 1864

47.1.16 Key Management

47.1.16.1 Recipient7Choice

*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]	±		1474
Or	KEK <KEK>	[1..1]	±		1474
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1474

#### 47.1.16.1.1 KeyTransport <KeyTrnsprt>

*Presence:* [1..1]

*Definition:* Encryption key using previously distributed asymmetric public key.

**KeyTransport <KeyTrnsprt>** contains the following elements (see "[KeyTransport6](#)" on page 1476 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1476
	RecipientIdentification <Rcptld>	[1..1]	±		1476
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1477
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1477

#### 47.1.16.1.2 KEK <KEK>

*Presence:* [1..1]

*Definition:* Key encryption key using previously distributed symmetric key.

**KEK <KEK>** contains the following elements (see "[KEK6](#)" on page 1480 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1480
	KEKIdentification <KEKld>	[1..1]	±		1480
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1481
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1481

#### 47.1.16.1.3 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 "[KEKIdentifier6](#)" on page 1479 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1479
	KeyVersion <KeyVrsn>	[0..1]	Text		1479
	SequenceNumber <SeqNb>	[0..1]	Quantity		1480
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1480

#### 47.1.16.2 Recipient5Choice

*Definition:* Identification of a cryptographic asymmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1475
	Issuer <Issr>	[1..1]	±		1475
	SerialNumber <SrlNb>	[1..1]	Binary		1475
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1476

##### 47.1.16.2.1 IssuerAndSerialNumber <IssrAndSrlNb>

*Presence:* [1..1]

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

**IssuerAndSerialNumber <IssrAndSrlNb>** contains the following **IssuerAndSerialNumber1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Issuer <Issr>	[1..1]	±		1475
	SerialNumber <SrlNb>	[1..1]	Binary		1475

##### 47.1.16.2.1.1 Issuer <Issr>

*Presence:* [1..1]

*Definition:* Certificate issuer name (see X.509).

**Issuer <Issr>** contains the following elements (see "[CertificateIssuer1](#)" on page 1656 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]	±		1656

##### 47.1.16.2.1.2 SerialNumber <SrlNb>

*Presence:* [1..1]

*Definition:* Certificate serial number (see X.509).

*Datatype:* "[Max35Binary](#)" on page 1784

**47.1.16.2.2 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 1734 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1734
	KeyVersion <KeyVrsn>	[1..1]	Text		1734
	SequenceNumber <SeqNb>	[0..1]	Quantity		1735
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1735

**47.1.16.3 KeyTransport6***Definition:* Key encryption key (KEK), encrypted with a previously distributed asymmetric public key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1476
	RecipientIdentification <RcptId>	[1..1]	±		1476
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1477
	EncryptedKey <NcrptdKey>	[1..1]	Binary		1477

**47.1.16.3.1 Version <Vrsn>***Presence:* [0..1]*Definition:* Version of the data structure.*Datatype:* "[Number](#)" on page 1856**47.1.16.3.2 RecipientIdentification <RcptId>***Presence:* [1..1]*Definition:* Identification of a cryptographic asymmetric key for the recipient.**RecipientIdentification <RcptId>** contains one of the following elements (see "[Recipient5Choice](#)" on page 1475 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
{Or	IssuerAndSerialNumber <IssrAndSrlNb>	[1..1]			1475
	Issuer <Issr>	[1..1]	±		1475
	SerialNumber <SrlNb>	[1..1]	Binary		1475
Or}	KeyIdentifier <Keyldr>	[1..1]	±		1476



**47.1.16.3.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>***Presence:* [1..1]*Definition:* Algorithm to encrypt the key encryption key (KEK).**KeyEncryptionAlgorithm <KeyNcrptnAlgo>** contains the following elements (see ["AlgorithmIdentification27"](#) on page 1156 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1157
	Parameter <Param>	[0..1]	±		1157

**47.1.16.3.4 EncryptedKey <NcrptdKey>***Presence:* [1..1]*Definition:* Encrypted key encryption key (KEK).*Datatype:* ["Max5000Binary"](#) on page 1784**47.1.16.4 KeyExchangeData1***Definition:* Contains data related to key exchange activity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1477
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1478
	DerivedInformation <DrvdInf>	[0..1]	Text		1478
	Algorithm <Algo>	[0..1]	Text		1478
	KeyLength <KeyLngth>	[0..1]	Text		1478
	KeyProtection <KeyPrtcn>	[0..1]	Text		1478
	KeyIndex <KeyIndx>	[0..1]	Text		1479
	EncryptedData <NcrptdData>	[0..1]	Text		1479
	KeyChecksumValue <KeyChcksmVal>	[0..1]	Text		1479

**47.1.16.4.1 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 1857

#### 47.1.16.4.2 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 1867

#### 47.1.16.4.3 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 1863

#### 47.1.16.4.4 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 1863

#### 47.1.16.4.5 KeyLength <KeyLngth>

*Presence:* [0..1]

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

ISO 13492

*Datatype:* "Max4NumericText" on page 1865

#### 47.1.16.4.6 KeyProtection <KeyPrtn>

*Presence:* [0..1]

*Definition:* Mechanism used to provide key confidentiality and integrity.

ISO 13492

*Datatype:* "Max2NumericText" on page 1863

47.1.16.4.7 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 1866

47.1.16.4.8 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 1868

47.1.16.4.9 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 1868

47.1.16.5 KEKIdentifier6

*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		1479
	KeyVersion <KeyVrsn>	[0..1]	Text		1479
	SequenceNumber <SeqNb>	[0..1]	Quantity		1480
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1480

47.1.16.5.1 KeyIdentification <KeyId>

*Presence:* [1..1]

*Definition:* Identification of the cryptographic key.

*Datatype:* "Max140Text" on page 1860

47.1.16.5.2 KeyVersion <KeyVrsn>

*Presence:* [0..1]

*Definition:* Version of the cryptographic key.

*Datatype:* "Max140Text" on page 1860

#### 47.1.16.5.3 SequenceNumber <SeqNb>

*Presence:* [0..1]

*Definition:* Number of usages of the cryptographic key.

*Datatype:* "Number" on page 1856

#### 47.1.16.5.4 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 1785

#### 47.1.16.6 KEK6

*Definition:* Key encryption key (KEK), using previously distributed symmetric key.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1480
	KEKIdentification <KEKId>	[1..1]	±		1480
	KeyEncryptionAlgorithm <KeyNcrptnAlgo>	[1..1]	±		1481
	EncryptedKey <NcrptdKey>	[0..1]	Binary		1481

##### 47.1.16.6.1 Version <Vrsn>

*Presence:* [0..1]

*Definition:* Version of the data structure.

*Datatype:* "Number" on page 1856

##### 47.1.16.6.2 KEKIdentification <KEKId>

*Presence:* [1..1]

*Definition:* Identification of the key encryption key (KEK).

**KEKIdentification <KEKId>** contains the following elements (see "KEKIdentifier6" on page 1479 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	KeyIdentification <KeyId>	[1..1]	Text		1479
	KeyVersion <KeyVrsn>	[0..1]	Text		1479
	SequenceNumber <SeqNb>	[0..1]	Quantity		1480
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1480

47.1.16.6.3 KeyEncryptionAlgorithm <KeyNcrptnAlgo>

Presence: [1..1]  
Definition: Algorithm to encrypt the key encryption key (KEK).

KeyEncryptionAlgorithm <KeyNcrptnAlgo> contains the following elements (see "AlgorithmIdentification28" on page 1155 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1155
	Parameter <Param>	[0..1]	±		1156

47.1.16.6.4 EncryptedKey <NcrptdKey>

Presence: [0..1]  
Definition: Encrypted key encryption key (KEK).  
Datatype: "Max500Binary" on page 1784

47.1.17 Miscellaneous

47.1.17.1 DisputeDocumentation1

Definition: Documentation information relevant to the destination.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Format <Frmt>	[0..1]	CodeSet		1481
	OtherFormat <OthrFrmt>	[0..1]	Text		1482
	Type <Tp>	[0..1]	Text		1482
	Value <Val>	[1..1]	Text		1482

47.1.17.1.1 Format <Frmt>

Presence: [0..1]  
Definition: Format of the additional information.  
Datatype: "OutputFormat4Code" on page 1830

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

CodeName	Name	Definition
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.

#### 47.1.17.1.2 OtherFormat <OthrFrmt>

*Presence:* [0..1]

*Definition:* Other output format.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.1.3 Type <Tp>

*Presence:* [0..1]

*Definition:* Defines the type of the value.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.1.4 Value <Val>

*Presence:* [1..1]

*Definition:* Content of or reference to the message.

*Datatype:* "Max20KText" on page 1862

### 47.1.17.2 RelativeDistinguishedName1

*Definition:* Relative distinguished name defined by X.500 and X.509.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		1482
	AttributeValue <AttrVal>	[1..1]	Text		1483

#### 47.1.17.2.1 AttributeType <AttrTp>

*Presence:* [1..1]

*Definition:* Type of attribute of a distinguished name (see X.500).

*Datatype:* "AttributeType1Code" on page 1797

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).

CodeName	Name	Definition
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).

#### 47.1.17.2.2 AttributeValue <AttrVal>

*Presence:* [1..1]

*Definition:* Value of the attribute of a distinguished name (see X.500).

*Datatype:* "Max140Text" on page 1860

#### 47.1.17.3 Parameter14

*Definition:* Parameters associated to a cryptographic encryption algorithm.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EncryptionFormat <NcrptnFrmt>	[0..1]	CodeSet		1483
	InitialisationVector <InitlStnVctr>	[0..1]	Binary		1483
	BytePadding <BPddg>	[0..1]	CodeSet		1483

##### 47.1.17.3.1 EncryptionFormat <NcrptnFrmt>

*Presence:* [0..1]

*Definition:* Format of data before encryption, if the format is not plaintext or implicit.

*Datatype:* "EncryptionFormat3Code" on page 1810

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

##### 47.1.17.3.2 InitialisationVector <InitlStnVctr>

*Presence:* [0..1]

*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.

*Datatype:* "Max500Binary" on page 1784

##### 47.1.17.3.3 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 1801

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.

#### 47.1.17.4 Parameter13

*Definition:* Parameters of the asymmetric encryption algorithm.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DigestAlgorithm <DgstAlgo>	[0..1]	CodeSet		1484
	MaskGeneratorAlgorithm <MskGnrtrAlgo>	[0..1]	±		1484

##### 47.1.17.4.1 DigestAlgorithm <DgstAlgo>

*Presence:* [0..1]

*Definition:* Identification of the digest algorithm.

*Datatype:* "Algorithm20Code" on page 1794

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).

##### 47.1.17.4.2 MaskGeneratorAlgorithm <MskGnrtrAlgo>

*Presence:* [0..1]

*Definition:* Mask generator function cryptographic algorithm and parameters.



**MaskGeneratorAlgorithm <MskGnrtrAlgo>** contains the following elements (see "AlgorithmIdentification26" on page 1157 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Algorithm <Algo>	[1..1]	CodeSet		1157
	Parameter <Param>	[0..1]	CodeSet		1158

#### 47.1.17.5 Parameter7

*Definition:* Parameters associated to the MAC algorithm.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InitialisationVector <InitlstnVctr>	[0..1]	Binary		1485
	BytePadding <BPddg>	[0..1]	CodeSet		1485

##### 47.1.17.5.1 InitialisationVector <InitlstnVctr>

*Presence:* [0..1]

*Definition:* Initialisation vector of a cipher block chaining (CBC) mode encryption.

*Datatype:* "Max500Binary" on page 1784

##### 47.1.17.5.2 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 1801

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.

#### 47.1.17.6 OriginalTransactionCharacteristics1

*Definition:* Contains the transaction characteristics of original transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1486
	TransactionSubType <TxSubTp>	[0..1]	Text		1486
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		1486
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1487
	MessageReason <MsgRsn>	[0..*]	CodeSet		1487
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1487
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1487
	TransactionDescription <TxDesc>	[0..1]	Text		1488
	AdditionalData <AddtlData>	[0..*]	±		1488

#### 47.1.17.6.1 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Code that indicates the type of transaction being undertaken in accordance with ISO 8583, Transaction Type.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822

#### 47.1.17.6.2 TransactionSubType <TxSubTp>

*Presence:* [0..1]

*Definition:* Further breakdown of the transaction type being performed.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.6.3 TransactionAttribute <TxAttr>

*Presence:* [0..\*]

*Definition:* Attribute of the transaction.

ISO 8583:87 bit 25

ISO 8583:2003 bit 22-3 & bit 24

*Datatype:* "TransactionAttribute2Code" on page 1847

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.

CodeName	Name	Definition
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.

#### 47.1.17.6.4 OtherTransactionAttribute <OthrTxAttr>

*Presence:* [0..1]

*Definition:* Other transaction attribute defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.6.5 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 1821

#### 47.1.17.6.6 AlternateMessageReason <AltrnMsgRsn>

*Presence:* [0..\*]

*Definition:* Supports message reason codes that are not defined in external code list.

*Datatype:* "Max256Text" on page 1863

#### 47.1.17.6.7 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 1866](#)

**47.1.17.6.8 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 1858](#)

**47.1.17.6.9 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1" on page 1603](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.17.7 OriginalTransaction3**

*Definition:* Data related to an original transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionCharacteristics <TxChrtcs>	[0..1]	±		1490
	Originator <Orgtr>	[0..1]	±		1491
	Acquirer <Acqrr>	[0..1]	±		1491
	Sender <Sndr>	[0..1]	±		1492
	Card <Card>	[1..1]	±		1492
	AccountFrom <AcctFr>	[0..1]	±		1493
	AccountTo <AcctTo>	[0..1]	±		1493
	Receiver <Rcvr>	[0..1]	±		1494
	Issuer <Issr>	[0..1]	±		1494
	Destination <Dstrn>	[0..1]	±		1495
	Programme <Prgrmm>	[0..1]	±		1495
	TransactionIdentification <TxId>	[0..1]	±		1495
	ConversionDateTime <ConvstDtTm>	[0..1]	±		1496
	ExchangeRate <XchgRate>	[0..*]			1496
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500
	TransactionAmounts <TxAmts>	[0..1]	±		1500

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalAmount <AddtlAmt>	[0..*]	±		1501
	Acceptor <Acptr>	[0..1]	±		1501
	Terminal <Termnl>	[0..1]	±		1503
	POIComponent <POICmpnt>	[0..*]	±		1505
	Context <Cntxt>	[0..1]	±		1505
	Payer <Pyer>	[0..1]	±		1508
	Payee <Pyee>	[0..1]	±		1509
	Token <Tkn>	[0..1]	±		1510
	CustomerDevice <CstmrDvc>	[0..1]	±		1511
	Wallet <Wlt>	[0..1]	±		1512
	Cardholder <Crdhldr>	[0..1]	±		1513
	Verification <Vrfctn>	[0..*]	±		1514
	Risk <Rsk>	[0..*]	±		1515
	SpecialProgrammeQualification <SpclPrgrmmQlfctn>	[0..*]	±		1515
	AdditionalService <AddtlSvc>	[0..*]	±		1515
	FundsServices <FndsSvcs>	[0..1]	±		1516
	DepositDetails <DpstDtls>	[0..*]	±		1516
	Jurisdiction <Jursdctn>	[0..1]			1517
	DomesticIndicator <DmstInd>	[0..1]	Indicator		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517
	SettlementService <SttlmSvc>	[0..1]	±		1517
	AdditionalFee <AddtlFee>	[0..*]	±		1518
	Reconciliation <Rcncltn>	[0..1]	±		1519
	DisputeData <DsptData>	[0..*]	±		1519
	Documentation <Dcmnttn>	[0..*]	±		1520
	ProcessingResult <PrcgRslt>	[0..1]	±		1520

#### 47.1.17.7.1 TransactionCharacteristics <TxChrtcs>

*Presence:* [0..1]

*Definition:* Transaction characteristics of the original transaction.

**TransactionCharacteristics <TxChrtcs>** contains the following elements (see "OriginalTransactionCharacteristics1" on page 1485 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TransactionType <TxTp>	[0..1]	CodeSet		1486
	TransactionSubType <TxSubTp>	[0..1]	Text		1486
	TransactionAttribute <TxAttr>	[0..*]	CodeSet		1486
	OtherTransactionAttribute <OthrTxAttr>	[0..1]	Text		1487
	MessageReason <MsgRsn>	[0..*]	CodeSet		1487
	AlternateMessageReason <AltrnMsgRsn>	[0..*]	Text		1487
	PreAuthorisationTimeLimit <PreAuthstnTmLmt>	[0..1]	Text		1487
	TransactionDescription <TxDesc>	[0..1]	Text		1488
	AdditionalData <AddtlData>	[0..*]	±		1488

#### 47.1.17.7.2 Originator <Orgtr>

*Presence:* [0..1]

*Definition:* Identifies the originator of the transaction.

**Originator <Orgtr>** contains the following elements (see "PartyIdentification286" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 47.1.17.7.3 Acquirer <Acqrr>

*Presence:* [0..1]

*Definition:* Identification of the acquirer.

**Acquirer <Acqrr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 47.1.17.7.4 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 47.1.17.7.5 Card <Card>

*Presence:* [1..1]

*Definition:* Card or payment token performing the transaction.



**Card <Card>** contains the following elements (see "[CardData13](#)" on page 1201 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PAN <PAN>	[0..1]	Text		1202
	ProtectedPAN <PrctcdPAN>	[0..1]	Indicator		1202
	CardSequenceNumber <CardSeqNb>	[0..1]	Text		1202
	EffectiveDate <FctvDt>	[0..1]	YearMonth		1203
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1203
	Track2 <Trck2>	[0..1]			1203
{Or	TextValue <TxtVal>	[1..1]	Text		1203
Or}	HexadecimalBinaryValue <HexBinryVal>	[1..1]	Text		1203
	PaymentAccountReference <PmtAcctRef>	[0..1]	Text		1203
	PANAccountRange <PANAcctRg>	[0..1]	Text		1204
	CountryCode <CtryCd>	[0..1]	CodeSet		1204
	ProductType <PdctTp>	[0..1]	Text		1204
	ProductSubType <PdctSubTp>	[0..1]	Text		1204
	PortfolioIdentifier <Prtfldr>	[0..1]	Text		1204
	AdditionalCardData <AddtlCardData>	[0..*]	±		1204

#### 47.1.17.7.6 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

#### 47.1.17.7.7 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 "[AccountDetails4](#)" on page 1149 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1149
	Type <Tp>	[0..1]	CodeSet		1149
	Identification <Id>	[0..1]	Text		1150

#### 47.1.17.7.8 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 "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 47.1.17.7.9 Issuer <Issr>

*Presence:* [0..1]

*Definition:* Information related to the issuer.

**Issuer <Issr>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 47.1.17.7.10 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Identifies the destination of the transaction.

**Destination <Dstn>** contains the following elements (see "[PartyIdentification286](#)" on page 1621 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 47.1.17.7.11 Programme <Prgrmm>

*Presence:* [0..1]

*Definition:* Programme, network, or brand processes the transaction.

**Programme <Prgrmm>** contains the following elements (see "[ProgrammeMode4](#)" on page 1197 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedIdentification <PropsdId>	[0..*]	Text		1197
	AppliedIdentification <ApIdId>	[0..1]	Text		1198
	AdditionalIdentification <AddtlId>	[0..*]	±		1198
	IdentificationSelectedBy <IdSelctdBy>	[0..1]	CodeSet		1198

#### 47.1.17.7.12 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "[TransactionIdentification54](#)" on page 1710 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

#### 47.1.17.7.13 ConversionDateTime <ConvsDtTm>

*Presence:* [0..1]

*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "[DateTime2](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

#### 47.1.17.7.14 ExchangeRate <XchgRate>

*Presence:* [0..\*]

*Definition:* Further detailed information on the exchange rates that have been used in or are related to the transaction.

**ExchangeRate <XchgRate>** contains the following **ExchangeRateInformation5** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1497
	Identification <Id>	[0..1]	Text		1497
	Date <Dt>	[0..1]	Date		1497
	Time <Tm>	[0..1]	Time		1498
	EndPoint <EndPt>	[0..1]	CodeSet		1498
	OtherEndPoint <OthrEndPt>	[0..1]	Text		1498
	CounterCurrencyCode <CntrCcyCd>	[0..1]	CodeSet	C2	1498
	BaseCurrencyCode <BaseCcyCd>	[0..1]	CodeSet	C2	1498
	Rate <Rate>	[0..1]	Rate		1499
	RateType <RateTp>	[0..1]	CodeSet		1499
	OtherRateType <OthrRateTp>	[0..1]	Text		1499
	AgreementType <AgrmtTp>	[0..1]	CodeSet		1499
	OtherAgreementType <OthrAgrmtTp>	[0..1]	Text		1500
	RateLockRequested <RateLckReqd>	[0..1]	Indicator		1500
	RateLockEligible <RateLckElgbl>	[0..1]	Indicator		1500
	RateLockApplied <RateLckApld>	[0..1]	Indicator		1500

#### 47.1.17.7.14.1 Provider <Prvdr>

*Presence:* [0..1]

*Definition:* Identifies the source of the rate information.

*Datatype:* "Max70Text" on page 1867

#### 47.1.17.7.14.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the specific rate, table or file that contains the rate information.

*Datatype:* "Max70Text" on page 1867

#### 47.1.17.7.14.3 Date <Dt>

*Presence:* [0..1]

*Definition:* The date the exchange rate data is effective.

*Datatype:* "ISODate" on page 1854

#### 47.1.17.7.14.4 Time <Tm>

*Presence:* [0..1]

*Definition:* The time the exchange rate data is effective.

*Datatype:* "ISOTime" on page 1869

#### 47.1.17.7.14.5 EndPoint <EndPt>

*Presence:* [0..1]

*Definition:* Identifies the party to which this detail applies.

*Datatype:* "Endpoint1Code" on page 1810

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.

#### 47.1.17.7.14.6 OtherEndPoint <OthrEndPt>

*Presence:* [0..1]

*Definition:* Other nationally or privately defined endpoint.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.7.14.7 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 1821

##### Constraints

- **ValidationByTable**

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

#### 47.1.17.7.14.8 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 1821

**Constraints****• ValidationByTable**

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

**47.1.17.7.14.9 Rate <Rate>**

*Presence:* [0..1]

*Definition:* Contains the exchange rate.

*Datatype:* "BaseOne25Rate" on page 1856

**47.1.17.7.14.10 RateType <RateTp>**

*Presence:* [0..1]

*Definition:* Identifies the type of rate.

*Datatype:* "ExchangeRateType2Code" on page 1811

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.

**47.1.17.7.14.11 OtherRateType <OthrRateTp>**

*Presence:* [0..1]

*Definition:* Other type of rate defined privately or at national level.

*Datatype:* "Max35Text" on page 1864

**47.1.17.7.14.12 AgreementType <AgrmtTp>**

*Presence:* [0..1]

*Definition:* Type of exchange rate agreement.

*Datatype:* "ExchangeRateAgreementType1Code" on page 1811

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.

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#### **47.1.17.7.14.13 OtherAgreementType <OthrAgrmtTp>**

*Presence:* [0..1]

*Definition:* Other type of exchange rate agreement.

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.7.14.14 RateLockRequested <RateLckReqd>**

*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 1854):

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

#### **47.1.17.7.14.15 RateLockEligible <RateLckElgbl>**

*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 1854):

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

#### **47.1.17.7.14.16 RateLockApplied <RateLckApld>**

*Presence:* [0..1]

*Definition:* Indicates if a rate lock was applied.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.7.15 TransactionAmounts <TxAmts>**

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.



**TransactionAmounts <TxAmts>** contains the following elements (see "[TransactionAmounts3](#)" on page 1170 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1171
	Amount <Amt>	[1..1]	Amount		1171
	Currency <Ccy>	[1..1]	CodeSet	C2	1171
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1172
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1172
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1172
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1172
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1172
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1173
	DetailedAmount <DtldAmt>	[0..*]	±		1173

#### 47.1.17.7.16 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 "[AdditionalAmounts4](#)" on page 1166 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1166
	OtherType <OthrTp>	[0..1]	Text		1166
	Amount <Amt>	[1..1]	Amount		1166
	Currency <Ccy>	[0..1]	CodeSet	C2	1166
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1166
	Description <Desc>	[0..1]	Text		1167

#### 47.1.17.7.17 Acceptor <Accptr>

*Presence:* [0..1]

*Definition:* Card acceptor performing the card transaction.

**Acceptor <Accptr>** contains the following elements (see "PartyIdentification284" on page 1635 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1636
	Assigner <Assgnr>	[0..1]	Text		1637
	Country <Ctry>	[0..1]	CodeSet		1637
	ShortName <ShrtNm>	[0..1]	Text		1637
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1637
	AdditionalIdentification <AddtlId>	[0..1]	±		1637
	NameAndLocation <NmAndLctn>	[0..1]	Text		1637
	Address <Adr>	[0..1]	±		1637
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1638
	GeographicLocation <GeogcLctn>	[0..1]	Text		1638
	Email <Email>	[0..1]	Text		1638
	URLAddress <URLAdr>	[0..1]	Text		1638
	PhoneNumber <PhneNb>	[0..1]	Text		1638
	CustomerService <CstmrSvc>	[0..1]	Text		1639
	AdditionalContact <AddtlCtct>	[0..1]	Text		1639
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1639
	LocalData <LclData>	[0..1]	±		1639
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1639
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1639
	BusinessType <BizTp>	[0..1]	Text		1640
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1640
	OwnerType <OwnrTp>	[0..1]	Text		1640
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1640
	CertificationType <CertfctnTp>	[0..1]	Text		1640
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1640
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1640
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1641
	AdditionalData <AddtlData>	[0..*]	±		1641

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#### **47.1.17.7.18 Terminal <Termnl>**

*Presence:* [0..1]

*Definition:* Payment terminal or ATM performing the transaction.

**Terminal <Termnl>** contains the following elements (see "Terminal9" on page 1666 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1668
	AdditionalIdentification <AddtlId>	[0..*]	±		1668
	Type <Tp>	[0..1]	CodeSet		1668
	OtherType <OthrTp>	[0..1]	Text		1668
	ReadingCapability <RdngCpblty>	[0..*]	±		1668
	WritingCapability <WrtgCpblty>	[0..*]	±		1669
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1669
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1669
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1669
	ApprovalCodeLength <ApprvlCdLngh>	[0..1]	Quantity		1670
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1670
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1670
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1670
	MessageCapability <MsgCpblty>	[0..*]			1670
	Destination <Dstn>	[1..1]	CodeSet		1671
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1671
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1671
	LineWidth <LineWidth>	[0..1]	Quantity		1671
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1672
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1672
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1672
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1672
	GeographicLocation <GeogcLctn>	[0..1]	Text		1673
	Outdoor <Outdr>	[0..1]	Indicator		1673
	OffPremises <OffPrmiss>	[0..1]	Indicator		1673
	OnBoard <OnBrd>	[0..1]	Indicator		1673
	SerialNumber <SrlNb>	[0..1]	Text		1673
	Software <Sftwr>	[0..*]			1674
	Type <Tp>	[0..1]	CodeSet		1674
	OtherType <OthrTp>	[0..1]	Text		1674

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SubType <SubTp>	[0..1]	Text		1674
	Version <Vrsn>	[0..1]	Text		1674
	CertificationIdentification <CertfctnId>	[0..1]	Text		1674

#### 47.1.17.7.19 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 "[PointOfInteractionComponent16](#)" on page 1609 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

#### 47.1.17.7.20 Context <Cntxt>

*Presence:* [0..1]

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

**Context <Cntxt>** contains the following elements (see "Context19" on page 1586 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1589
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1589
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1589
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1590
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1590
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1590
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1591
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1591
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1591
	Transit <Trnst>	[0..1]	Indicator		1591
	Attended <Attndd>	[0..1]	Indicator		1592
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1592
	ECommerce <EComrc>	[0..1]	Indicator		1592
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1592
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1592
	ECommerceData <EComrcData>	[0..*]			1593
	Type <Tp>	[1..1]	Text		1593
	Value <Val>	[1..1]	Text		1593
	MOTOCCode <MOTOCd>	[0..1]	CodeSet		1593
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1593
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1593
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1594
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1594
	NoShow <NoShow>	[0..1]	Indicator		1594
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1594
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1595
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1595
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1595
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1596
	SplitPayment <Spltpmt>	[0..1]	Indicator		1596
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1596
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1596
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1597
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1597
	StorageLocation <StorgLctn>	[0..1]	Text		1598
	PaymentCredentialMerchantRelationship <PmtCrntlMrchntRltsh>	[0..1]	Indicator		1598
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1598
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1598
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1598
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1599
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1599
	MagneticStripeFallback <MgntcStrpFllbck>	[0..1]	Indicator		1599
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1599
	CaptureDate <CaptrDt>	[0..1]	Date		1599
	DateAnticipated <DtAntcptd>	[0..1]	Date		1600
	ECRIdentification <ECRId>	[0..1]	Text		1600
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1600
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1600
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1600
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1601
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1601
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1601
	ReceiptRequest <RctReq>	[0..1]	Indicator		1602
	ReceiptType <RctTp>	[0..*]	CodeSet		1602

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ReceiptDestination <RctDstn>	[0..1]	Text		1602
	AdditionalData <AddtlData>	[0..*]	±		1602

#### 47.1.17.7.21 Payer <Pyer>

*Presence:* [0..1]

*Definition:* The party providing source of funds.



**Payer <Pyer>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

#### 47.1.17.7.22 Payee <Pyee>

*Presence:* [0..1]

*Definition:* The party receiving funds.

**Payee <Pyee>** contains the following elements (see "PartyIdentification287" on page 1622 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

#### 47.1.17.7.23 Token <Tkn>

*Presence:* [0..1]

*Definition:* Details of payment token.

**Token <Tkn>** contains the following elements (see "Token2" on page 1773 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

#### 47.1.17.7.24 CustomerDevice <CstmrDvc>

*Presence:* [0..1]

*Definition:* Identification of the customer device performing the transaction.

**CustomerDevice <CstmrDvc>** contains the following elements (see "CustomerDevice5" on page 1448 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Manufacturer <Manfctr>	[0..1]	Text		1448
	ManufacturerModelIdentification <ManfctrMdIld>	[0..1]	Text		1448
	Type <Tp>	[0..1]	CodeSet		1449
	OtherType <OthrTp>	[0..1]	Text		1449
	Language <Lang>	[0..1]	CodeSet		1449
	Phone <Phne>	[0..1]	Text		1449
	GeographicLocation <GeogcLctn>	[0..1]	Text		1450
	LocationCountryCode <LctnCtryCd>	[0..1]	CodeSet		1450
	IPAddress <IPAdr>	[0..1]	Text		1450
	Email <Email>	[0..1]	Text		1450
	DeviceName <DvcNm>	[0..1]	Text		1450
	DeviceNameNormalized <DvcNmNrmlzd>	[0..1]	Text		1450
	DeviceIdentification <DvcId>	[0..*]	±		1450
	OperatingSystemIdentification <OprgSysId>	[0..1]	Text		1451
	OperatingSystemType <OprgSysTp>	[0..1]	CodeSet		1451
	OtherOperatingSystemType <OthrOprgSysTp>	[0..1]	Text		1451
	OperatingSystemVersion <OprgSysVrsn>	[0..1]	Text		1451
	OperatingSystemBuild <OprgSysBld>	[0..1]	Text		1451
	Provider <Prvdr>	[0..1]	Text		1451
	AdditionalData <AddtlData>	[0..*]	±		1451

#### 47.1.17.7.25 Wallet <WlIt>

*Presence:* [0..1]

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

**Wallet <Wlt>** contains the following elements (see "Wallet3" on page 1145 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	±		1145
	PANAge <PANAge>	[0..1]	Quantity		1146
	UserAccountAge <UsrAcctAge>	[0..1]	Quantity		1146
	AccountAge <AcctAge>	[0..1]	Quantity		1146
	DaysSinceLastActivity <DaysSncLastActvty>	[0..1]	Quantity		1146
	Activity <Actvty>	[0..1]	Quantity		1146
	ActivityInterval <ActvtyIntrvl>	[0..1]	CodeSet		1146
	LastWalletChange <LastWltChng>	[0..1]	Quantity		1147
	SuspendedCards <SspdCrds>	[0..1]	Quantity		1147
	AccountCountry <AcctCtry>	[0..1]	CodeSet		1147
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1147
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1148
	AccountEmailAge <AcctEmailAge>	[0..1]	Quantity		1148
	ProviderRiskAssessment <PrvdrRskAssmnt>	[0..1]	CodeSet		1148
	ProviderRiskAssessmentModelVersion <PrvdrRskAssmntMdIVrsn>	[0..1]	Text		1148
	ProviderPhoneScore <PrvdrPhneScore>	[0..1]	Quantity		1148
	ProviderDeviceScore <PrvdrDvcScore>	[0..1]	Quantity		1149
	ProviderAccountScore <PrvdrAcctScore>	[0..1]	Quantity		1149
	AdditionalData <AddtlData>	[0..*]	±		1149

#### 47.1.17.7.26 Cardholder <Crdhldr>

*Presence:* [0..1]

*Definition:* Cardholder performing the card payment transaction.

**Cardholder <CrdrHldr>** contains the following elements (see "Cardholder22" on page 1649 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

#### 47.1.17.7.27 Verification <Vrfctn>

*Presence:* [0..\*]

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

**Verification <Vrfctn>** contains the following elements (see "Verification7" on page 1776 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1776
	OtherType <OthrTp>	[0..1]	Text		1776
	SubType <SubTp>	[0..1]	Text		1776
	Entity <Ntty>	[0..1]	CodeSet		1777
	OtherEntity <OthrNtty>	[0..1]	Text		1777
	Result <Rslt>	[0..1]	CodeSet		1777
	OtherResult <OthrRslt>	[0..1]	Text		1778
	ResultDetails <RsltDtls>	[0..*]	±		1778
	AdditionalInformation <AddtlInf>	[0..1]	Text		1778

#### 47.1.17.7.28 Risk <Rsk>

*Presence:* [0..\*]

*Definition:* Context of risk associated with the transaction.

**Risk <Rsk>** contains the following elements (see "RiskContext3" on page 1727 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

#### 47.1.17.7.29 SpecialProgrammeQualification <SpclPrgrmmQlfctn>

*Presence:* [0..\*]

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

**SpecialProgrammeQualification <SpclPrgrmmQlfctn>** contains the following elements (see "SpecialProgrammeQualification2" on page 1374 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Programme <Prgrmm>	[0..1]	Text		1375
	Detail <Dtl>	[0..*]			1375
	Name <Nm>	[0..1]	Text		1375
	Value <Val>	[0..1]	Text		1375

#### 47.1.17.7.30 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 1231 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1231
	OtherType <OthrTp>	[0..1]	Text		1232
	Result <Rslt>	[0..1]	CodeSet		1232
	OtherResult <OthrRslt>	[0..1]	Text		1232
	ServiceDetail <SvcDtl>	[0..*]	±		1232

#### 47.1.17.7.31 FundsServices <FndsSvcs>

*Presence:* [0..1]

*Definition:* Financial services related to the account.

**FundsServices <FndsSvcs>** contains the following elements (see "[FundingService3](#)" on page 1472 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Provider <Prvdr>	[0..1]	Text		1472
	Name <Nm>	[0..1]	Text		1472
	Reference <Ref>	[0..1]	Text		1473
	BusinessPurpose <BizPurp>	[0..1]	Text		1473
	Description <Desc>	[0..1]	Text		1473
	FundingSource <FndgSrc>	[0..*]	±		1473
	ClaimCredentials <ClmCrdntls>	[0..1]	Text		1473
	ClaimAssigner <ClmAssgnr>	[0..1]	Text		1473

#### 47.1.17.7.32 DepositDetails <DpstDtls>

*Presence:* [0..\*]

*Definition:* Contains ATM deposit details.

**DepositDetails <DpstDtls>** contains the following elements (see "[DepositDetails3](#)" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1453
	OtherType <OthrTp>	[0..1]	Text		1454
	Amount <Amt>	[0..1]	Amount		1454
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1454



47.1.17.7.33 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		1517
	DomesticQualification <DmstQlfctn>	[0..1]	Text		1517

47.1.17.7.33.1 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 1854):

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

47.1.17.7.33.2 DomesticQualification <DmstQlfctn>

*Presence:* [0..1]

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

*Datatype:* ["Max35Text"](#) on page 1864

47.1.17.7.34 SettlementService <SttlmSvc>

*Presence:* [0..1]

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

**SettlementService <SttlmSvc>** contains the following elements (see "[SettlementService6](#)" on page 1737 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

#### 47.1.17.7.35 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgrm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

#### 47.1.17.7.36 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 "Reconciliation4" on page 1691 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

#### 47.1.17.7.37 DisputeData <DsptData>

*Presence:* [0..\*]

*Definition:* Information about the dispute.

**DisputeData <DsptData>** contains the following elements (see "[DisputeData4](#)" on page 1454 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Cycle <Cycl>	[0..1]	Text		1455
	Condition <Cond>	[0..1]	Text		1455
	Status <Sts>	[0..1]	Text		1455
	Partial <Prtl>	[0..1]	Indicator		1455
	Reference <Ref>	[0..*]	±		1455
	DocumentationStatus <DcmnttnSts>	[0..1]	Text		1456
	RejectReason <RjctRsn>	[0..*]	Text		1456
	ChargebackEligibility <ChrgbckElgblty>	[0..1]	Text		1456
	AdditionalData <AddtlData>	[0..*]	±		1456

#### 47.1.17.7.38 Documentation <Dcmnttn>

*Presence:* [0..\*]

*Definition:* Additional information related to the dispute.

**Documentation <Dcmnttn>** contains the following elements (see "[DisputeDocumentation1](#)" on page 1481 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Format <Frmt>	[0..1]	CodeSet		1481
	OtherFormat <OthrFrmt>	[0..1]	Text		1482
	Type <Tp>	[0..1]	Text		1482
	Value <Val>	[1..1]	Text		1482

#### 47.1.17.7.39 ProcessingResult <PrcgRslt>

*Presence:* [0..1]

*Definition:* Outcome of the processing of the authorisation.

**ProcessingResult <PrcgRsIt>** contains the following elements (see "ProcessingResult22" on page 1756 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

#### 47.1.17.8 LocalData17

*Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1521
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1521
	TextMessage <TxtMsg>	[1..1]	Text		1522

##### 47.1.17.8.1 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 1822

##### 47.1.17.8.2 EncodingFormat <NcodgFrmt>

*Presence:* [0..1]

*Definition:* Data encoding format for local data.

*Datatype:* "Max35Text" on page 1864

### 47.1.17.8.3 TextMessage <TxtMsg>

*Presence:* [1..1]

*Definition:* Contains generic text message in local language.

*Datatype:* "Max40KText" on page 1865

### 47.1.17.9 LocalData16

*Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1522
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1522
	MailingAddress <MIngAdr>	[0..1]	±		1522
	MailingAddressUnstructured <MIngAdrUstrd>	[0..1]	Text		1523
	MailedFromPostalCode <MldFrPstlCd>	[0..1]	Text		1523
	CardholderName <CrdhldrNm>	[0..1]	±		1523
	AdditionalInformation <AddtlInf>	[0..*]	±		1523
	AdditionalData <AddtlData>	[0..*]	±		1524

#### 47.1.17.9.1 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 1822

#### 47.1.17.9.2 EncodingFormat <NcodgFrmt>

*Presence:* [0..1]

*Definition:* Data encoding format for local data.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.9.3 MailingAddress <MIngAdr>

*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 "[LocalAddress1](#)" on page 1150 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1150
	AddressLine2 <AdrLine2>	[0..1]	Text		1150
	StreetName <StrtNm>	[0..1]	Text		1150
	BuildingNumber <BldgNb>	[0..1]	Text		1151
	PostalCode <PstlCd>	[0..1]	Text		1151
	TownName <TwnNm>	[0..1]	Text		1151
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1151
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1151

#### 47.1.17.9.4 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 1866

#### 47.1.17.9.5 MailedFromPostalCode <MldFrPstlCd>

*Presence:* [0..1]

*Definition:* For cases where the card was not received, contains the local language equivalent of the postal code where the card was mailed from.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.17.9.6 CardholderName <CrdhldrNm>

*Presence:* [0..1]

*Definition:* Local language equivalent of the Cardholder name.

**CardholderName <CrdhldrNm>** contains the following elements (see "[CardholderName2](#)" on page 1656 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1656
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1657

#### 47.1.17.9.7 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information relevant for the settlement report.

**AdditionalInformation <AddtlInf>** contains the following elements (see "AdditionalInformation22" on page 1604 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1604
	Target <Trgt>	[0..*]	CodeSet		1605
	Format <Frmt>	[0..1]	CodeSet		1605
	Type <Tp>	[0..1]	Text		1606
	Value <Val>	[1..1]	Text		1606

#### 47.1.17.9.8 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional local language data

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.17.10 LocalData15

*Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1524
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1524
	Name <Nm>	[0..1]	±		1525
	Address <Adr>	[0..1]	±		1525
	AdditionalData <AddtlData>	[0..*]	±		1525

##### 47.1.17.10.1 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 1822

##### 47.1.17.10.2 EncodingFormat <NcodgFrmt>

*Presence:* [0..1]



*Definition:* Data encoding format for local data.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.10.3 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 1656 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1656
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1657

#### 47.1.17.10.4 Address <Adr>

*Presence:* [0..1]

*Definition:* Structured postal address in the local language.

**Address <Adr>** contains the following elements (see "LocalAddress1" on page 1150 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1150
	AddressLine2 <AdrLine2>	[0..1]	Text		1150
	StreetName <StrtNm>	[0..1]	Text		1150
	BuildingNumber <BldgNb>	[0..1]	Text		1151
	PostalCode <PstlCd>	[0..1]	Text		1151
	TownName <TwnNm>	[0..1]	Text		1151
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1151
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1151

#### 47.1.17.10.5 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional local language data

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 47.1.17.11 LocalData14

*Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1526
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1526
	ShortName <ShrtNm>	[0..1]	Text		1526
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1526
	AdditionalData <AddtlData>	[0..*]	±		1526

#### 47.1.17.11.1 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 1822

#### 47.1.17.11.2 EncodingFormat <NcodgFrmt>

*Presence:* [0..1]

*Definition:* Data encoding format for local data.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.11.3 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the party.

*Datatype:* "Max70Text" on page 1867

#### 47.1.17.11.4 LegalCorporateName <LglCorpNm>

*Presence:* [0..1]

*Definition:* Legal Corporate Name of the party in local language

*Datatype:* "Max210Text" on page 1863

#### 47.1.17.11.5 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional local language data

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 47.1.17.12 LocalData13

*Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1527
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1527
	Name <Nm>	[0..1]	±		1527
	Address <Adr>	[0..1]	±		1527
	AdditionalData <AddtlData>	[0..*]	±		1528

#### 47.1.17.12.1 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 1822

#### 47.1.17.12.2 EncodingFormat <NcodgFrmt>

*Presence:* [0..1]

*Definition:* Data encoding format for local data.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.12.3 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the cardholder in the local language.

**Name <Nm>** contains the following elements (see "CardholderName2" on page 1656 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1656
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1657

#### 47.1.17.12.4 Address <Adr>

*Presence:* [0..1]

*Definition:* Structured postal address in the local language.

**Address <Adr>** contains the following elements (see "[LocalAddress1](#)" on page 1150 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1150
	AddressLine2 <AdrLine2>	[0..1]	Text		1150
	StreetName <StrtNm>	[0..1]	Text		1150
	BuildingNumber <BldgNb>	[0..1]	Text		1151
	PostalCode <PstlCd>	[0..1]	Text		1151
	TownName <TwnNm>	[0..1]	Text		1151
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1151
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1151

#### 47.1.17.12.5 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional local language data

**AdditionalData <AddtlData>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.17.13 LocalData12

*Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1528
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1529
	ShortName <ShrtNm>	[0..1]	Text		1529
	CommonName <CmonNm>	[0..1]	Text		1529
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1529
	Address <Adr>	[0..1]	±		1529
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1530
	AdditionalData <AddtlData>	[0..*]	±		1530

#### 47.1.17.13.1 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 1822](#)

**47.1.17.13.2 EncodingFormat <NcodgFrmt>**

*Presence:* [0..1]

*Definition:* Data encoding format for local data.

*Datatype:* ["Max35Text" on page 1864](#)

**47.1.17.13.3 ShortName <ShrtNm>**

*Presence:* [0..1]

*Definition:* Short name of the party.

*Datatype:* ["Max70Text" on page 1867](#)

**47.1.17.13.4 CommonName <CmonNm>**

*Presence:* [0..1]

*Definition:* Contains the full name of the sponsored merchant in the local language.

*Datatype:* ["Max280Text" on page 1863](#)

**47.1.17.13.5 LegalCorporateName <LglCorpNm>**

*Presence:* [0..1]

*Definition:* Legal Corporate Name of the party

*Datatype:* ["Max210Text" on page 1863](#)

**47.1.17.13.6 Address <Adr>**

*Presence:* [0..1]

*Definition:* Structured postal address in the local language.

**Address <Adr>** contains the following elements (see ["LocalAddress1" on page 1150](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1150
	AddressLine2 <AdrLine2>	[0..1]	Text		1150
	StreetName <StrtNm>	[0..1]	Text		1150
	BuildingNumber <BldgNb>	[0..1]	Text		1151
	PostalCode <PstlCd>	[0..1]	Text		1151
	TownName <TwnNm>	[0..1]	Text		1151
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1151
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1151

**47.1.17.13.7 AdditionalAddress <AddtlAdr>***Presence:* [0..1]*Definition:* Additional information used when card acceptor street address is insufficient.*Datatype:* "Max512Text" on page 1866**47.1.17.13.8 AdditionalData <AddtlData>***Presence:* [0..\*]*Definition:* Additional local language data**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.17.14 LocalData11***Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1530
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1530
	ShortName <ShrtNm>	[0..1]	Text		1531
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1531
	NameAndLocation <NmAndLctn>	[0..1]	Text		1531
	Address <Adr>	[0..1]	±		1531
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1531
	AdditionalContact <AddtlCtct>	[0..1]	Text		1531
	AdditionalData <AddtlData>	[0..*]	±		1532

**47.1.17.14.1 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 1822**47.1.17.14.2 EncodingFormat <NcodgFrmt>***Presence:* [0..1]*Definition:* Data encoding format for local data.*Datatype:* "Max35Text" on page 1864

47.1.17.14.3 ShortName <ShrtNm>

Presence: [0..1]

Definition: Short name of the party in the local language.

Datatype: "Max70Text" on page 1867

47.1.17.14.4 LegalCorporateName <LglCorpNm>

Presence: [0..1]

Definition: Legal Corporate Name of the party in the local language

Datatype: "Max210Text" on page 1863

47.1.17.14.5 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 1862

47.1.17.14.6 Address <Adr>

Presence: [0..1]

Definition: Structured postal address in the local language.

Address <Adr> contains the following elements (see "LocalAddress1" on page 1150 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1150
	AddressLine2 <AdrLine2>	[0..1]	Text		1150
	StreetName <StrtNm>	[0..1]	Text		1150
	BuildingNumber <BldgNb>	[0..1]	Text		1151
	PostalCode <PstlCd>	[0..1]	Text		1151
	TownName <TwnNm>	[0..1]	Text		1151
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1151
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1151

47.1.17.14.7 AdditionalAddress <AddtlAdr>

Presence: [0..1]

Definition: Additional information used when card acceptor street address is insufficient.

Datatype: "Max512Text" on page 1866

47.1.17.14.8 AdditionalContact <AddtlCtct>

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 1866

#### 47.1.17.14.9 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional local language data

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.17.15 LocalData10

*Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1532
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1532
	Name <Nm>	[0..1]	Text		1532
	Address <Adr>	[0..1]	±		1533
	AdditionalContact <AddtlCtct>	[0..1]	Text		1533
	AdditionalData <AddtlData>	[0..*]	±		1533

##### 47.1.17.15.1 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 1822

##### 47.1.17.15.2 EncodingFormat <NcodgFrmt>

*Presence:* [0..1]

*Definition:* Data encoding format for local data.

*Datatype:* "Max35Text" on page 1864

##### 47.1.17.15.3 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the financial institution in the local language.

*Datatype:* "Max70Text" on page 1867



**47.1.17.15.4 Address <Adr>***Presence:* [0..1]*Definition:* Structured postal address in the local language.**Address <Adr>** contains the following elements (see ["LocalAddress1"](#) on page 1150 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1150
	AddressLine2 <AdrLine2>	[0..1]	Text		1150
	StreetName <StrtNm>	[0..1]	Text		1150
	BuildingNumber <BldgNb>	[0..1]	Text		1151
	PostalCode <PstlCd>	[0..1]	Text		1151
	TownName <TwnNm>	[0..1]	Text		1151
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1151
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1151

**47.1.17.15.5 AdditionalContact <AddtlCtct>***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 1866**47.1.17.15.6 AdditionalData <AddtlData>***Presence:* [0..\*]*Definition:* Additional local language data**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.17.16 LocalData9***Definition:* Contains text fields in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1534
	TextMessage <TxtMsg>	[1..1]	Text		1534

#### 47.1.17.16.1 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 1822

#### 47.1.17.16.2 TextMessage <TxtMsg>

*Presence:* [1..1]

*Definition:* Contains generic text message in local language.

*Datatype:* "Max40KText" on page 1865

#### 47.1.17.17 ErrorDetails3

*Definition:* Details of the error

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1534
	OtherType <OthrTp>	[0..1]	Text		1535
	Code <Cd>	[0..1]	Text		1535
	Description <Desc>	[0..1]	Text		1535
	DataElementInError <DataElmtInErr>	[0..*]	Text		1535

#### 47.1.17.17.1 Type <Tp>

*Presence:* [1..1]

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

*Datatype:* "MessageError1Code" on page 1827

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

CodeName	Name	Definition
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

#### 47.1.17.17.2 OtherType <OthrTp>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.17.3 Code <Cd>

*Presence:* [0..1]

*Definition:* Code that identifies the specific error found.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.17.4 Description <Desc>

*Presence:* [0..1]

*Definition:* Description of the error found.

*Datatype:* "Max500Text" on page 1866

#### 47.1.17.17.5 DataElementInError <DataElmtInErr>

*Presence:* [0..\*]

*Definition:* Data element in error.

*Datatype:* "Max4000Text" on page 1865

#### 47.1.17.18 Context24

*Definition:* Context in which the card payment transaction is performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1537
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1538
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1538
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1538
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1538
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1539
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1539
	CardPresent <CardPres>	[0..1]	Indicator		1539
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1539
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1539
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1540
	Transit <Trnst>	[0..1]	Indicator		1540
	Attended <Atnddd>	[0..1]	Indicator		1540
	UnattendedLevelCategory <UatndddLvlCtgy>	[0..1]	Text		1540
	ECommerce <EComrc>	[0..1]	Indicator		1541
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1541
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1541
	ECommerceData <EComrcData>	[0..*]			1541
	Type <Tp>	[1..1]	Text		1541
	Value <Val>	[1..1]	Text		1541
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1542
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1542
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1542
	NoShow <NoShow>	[0..1]	Indicator		1542
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1542
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1543
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1543
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1543
	DeferredDelivery <DfrddDlvry>	[0..1]	Indicator		1543
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1544
	SplitPayment <Spltpmt>	[0..1]	Indicator		1544

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1544
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1544
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1545
	StorageLocation <StorgLctn>	[0..1]	Text		1545
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1546
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1546
	CaptureDate <CaptrDt>	[0..1]	Date		1546
	DateAnticipated <DtAntcptd>	[0..1]	Date		1546
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1546
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1546
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1547
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1547
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1547
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1548
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1548
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1548
	ReceiptRequest <RctReq>	[0..1]	Indicator		1548
	ReceiptType <RctTp>	[0..*]	CodeSet		1548
	ReceiptDestination <RctDstn>	[0..1]	Text		1549
	AdditionalData <AddtlData>	[0..*]	±		1549

#### 47.1.17.18.1 CardDataEntryMode <CardDataNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the card data for the transaction

*Datatype:* "CardDataReading10Code" on page 1801

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MICR	MagneticInkCharacterRecognition	Recognition of magnetic ink characters

CodeName	Name	Definition
MLEY	ManualEntry	Manual, no terminal used.
OCRR	OpticalCharacterRecognition	OCR either at time of transaction or after the event.
MSIP	MSIPProximity	Magstripe image contactless proximity
OPTC	OpticalCode	Optical coded reading capabilities (e.g. barcode, QR code, etc.)
OTHN	OtherNational	Other national capability type assigned at national level.
RFID	RFIDTag	Radio Frequency Identification tag capabilities.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.
KEEN	KeyEntered	Key entered.
DFLE	AccountData	Account data on file.

#### 47.1.17.18.2 OtherCardDataEntryMode <OthrCardDataNtryMd>

*Presence:* [0..1]

*Definition:* Other type of card data entry mode.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.18.3 QRCodePresentmentMode <QRCDPresntmntMd>

*Presence:* [0..1]

*Definition:* Method used to present a QR Code at the point of service.

*Datatype:* "QRCodePresentmentMode1Code" on page 1840

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.

#### 47.1.17.18.4 OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>

*Presence:* [0..1]

*Definition:* Other method of QR Code presentment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.18.5 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 1820

#### **47.1.17.18.6 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 1864

#### **47.1.17.18.7 OtherMerchantCategory <OthrMrchntCtgy>**

*Presence:* [0..1]

*Definition:* Other merchant category assigned by local or national scheme.

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.18.8 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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.18.9 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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.18.10 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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.18.11 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 1854](#)):

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

#### **47.1.17.18.12 Transit <Trnst>**

*Presence:* [0..1]

*Definition:* Indicates a transit transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.18.13 Attended <Attndd>**

*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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.18.14 UnattendedLevelCategory <UattndddLvICtgy>**

*Presence:* [0..1]



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

*Datatype:* "Max35NumericText" on page 1864

**47.1.17.18.15 ECommerce <EComrc>**

*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

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

**47.1.17.18.16 ECommerceIndicatorProposed <EComrcIndPropsd>**

*Presence:* [0..1]

*Definition:* Contains the proposed level of security of e-commerce transaction.

*Datatype:* "Max35Text" on page 1864

**47.1.17.18.17 ECommerceIndicatorApplied <EComrcIndApld>**

*Presence:* [0..1]

*Definition:* Contains the applied level of security of e-commerce transaction.

*Datatype:* "Max35Text" on page 1864

**47.1.17.18.18 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		1541
	Value <Val>	[1..1]	Text		1541

**47.1.17.18.18.1 Type <Tp>**

*Presence:* [1..1]

*Definition:* Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

*Datatype:* "Max35Text" on page 1864

**47.1.17.18.18.2 Value <Val>**

*Presence:* [1..1]

*Definition:* Value related to a specific ecommerce type.

*Datatype:* "Max2048Text" on page 1862

#### 47.1.17.18.19 MOTOCd <MOTOCd>

*Presence:* [0..1]

*Definition:* A code that identifies the type of MOTO transaction.

*Datatype:* "MOTO2Code" on page 1828

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

#### 47.1.17.18.20 TransactionInitiator <Txlnitr>

*Presence:* [0..1]

*Definition:* Identifies the transaction initiator.

*Datatype:* "TransactionInitiator1Code" on page 1847

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

#### 47.1.17.18.21 DelayedCharges <DelydChrgs>

*Presence:* [0..1]

*Definition:* Indicates a delayed charge.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.17.18.22 NoShow <NoShow>

*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 1854):

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

#### 47.1.17.18.23 Reauthorisation <Reauthstn>

*Presence:* [0..1]

*Definition:* Indicates a reauthorisation.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.18.24 ReSubmission <ReSubmissn>**

*Presence:* [0..1]

*Definition:* Indicates a resubmission.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.18.25 DelayedAuthorisation <DelydAuthstn>**

*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 1854](#)):

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

#### **47.1.17.18.26 LatePresentment <LatePresntmnt>**

*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 1854](#)):

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

#### **47.1.17.18.27 DeferredDelivery <DfrddDlvry>**

*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 1854](#)):

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

#### **47.1.17.18.28 PartialShipment <PrtlShipmnt>**

*Presence:* [0..1]

*Definition:* Indicates the partial shipment.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.18.29 SplitPayment <Spltpmt>**

*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 1854](#)):

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

#### **47.1.17.18.30 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 1854](#)):

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

#### **47.1.17.18.31 SecurityCharacteristics <SctyChrtcs>**

*Presence:* [0..\*]

*Definition:* Security characteristics of the communication link in the card acceptance process.

*Datatype:* ["SecurityCharacteristics1Code" on page 1843](#)

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTe	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.
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

#### 47.1.17.18.32 OtherSecurityCharacteristics <OthrSctyChrtcs>

*Presence:* [0..1]

*Definition:* Other security characteristics.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.18.33 StorageLocation <StorgLctn>

*Presence:* [0..1]

*Definition:* Storage location of payment credential (for example, Acceptor or third party wallet).

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.18.34 AuthenticationOutage <AuthntcnOutg>**

*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 1854):

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

#### **47.1.17.18.35 PaymentCredentialMerchantRelationship <PmtCrdrntlMrchntRltsh>**

*Presence:* [0..1]

*Definition:* Indicates the relationship between payment credential and merchant.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.18.36 CaptureDate <CaptrDt>**

*Presence:* [0..1]

*Definition:* Date the transaction was completed and captured.

ISO 8583 bit 17

*Datatype:* "ISODate" on page 1854

#### **47.1.17.18.37 DateAnticipated <DtAntcptd>**

*Presence:* [0..1]

*Definition:* The date on which the sale or purchase is expected to occur.

*Datatype:* "ISODate" on page 1854

#### **47.1.17.18.38 SaleReferenceNumber <SaleRefNb>**

*Presence:* [0..1]

*Definition:* Identify a sale transaction assigned by the sale system.

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.18.39 GoodsAndServicesType <GoodsAndSvcsTp>**

*Presence:* [0..1]

*Definition:* Type of goods and/or services.

*Datatype:* "GoodsAndServices1Code" on page 1818

CodeName	Name	Definition
ELEC	Electronic	Electronic goods and services.
PHYS	Physical	Physical goods or services.
ELPH	ElectronicAndPhysical	Electronic and physical goods and services.

#### 47.1.17.18.40 GoodAndServicesSubType <GoodAndSvcsSubTp>

*Presence:* [0..1]

*Definition:* Sub type of goods and/or services.

*Datatype:* "GoodsAndServicesSubType1Code" on page 1818

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.

#### 47.1.17.18.41 GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>

*Presence:* [0..1]

*Definition:* Other goods and services sub type applied to the transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.18.42 GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>

*Presence:* [0..1]

*Definition:* Code that specifies the good or service delivery channel.

*Datatype:* "GoodAndServiceDeliveryChannel1Code" on page 1817

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

#### 47.1.17.18.43 OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>

*Presence:* [0..1]

*Definition:* Other good or service delivery channel defined at private or national level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.18.44 GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>

*Presence:* [0..1]

*Definition:* Code that specifies the good or service delivery schedule.

*Datatype:* "GoodAndServiceDeliverySchedule1Code" on page 1818

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.

#### 47.1.17.18.45 OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>

*Presence:* [0..1]

*Definition:* Other good or service delivery schedule defined at private or national level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.18.46 ReceiptRequest <RctReq>

*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 1854):

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

#### 47.1.17.18.47 ReceiptType <RctTp>

*Presence:* [0..\*]

*Definition:* Type of receipt requested or communication channel used.

*Datatype:* "ReceiptType1Code" on page 1840

CodeName	Name	Definition
EMAL	EMail	Receipt transmitted by Email.



CodeName	Name	Definition
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.

47.1.17.18.48 ReceiptDestination <RctDstn>

*Presence:* [0..1]  
*Definition:* Destination of the receipt (for example, e-mail address, SMS number, etc.).  
*Datatype:* "Max70Text" on page 1867

47.1.17.18.49 AdditionalData <AddtlData>

*Presence:* [0..\*]  
*Definition:* Additional transaction context data.  
**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.17.19 Context23

*Definition:* Context in which the card payment transaction is performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1551
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1552
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1552
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1552
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1552
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1553
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1553
	CardPresent <CardPres>	[0..1]	Indicator		1553
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1553
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1553
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1554
	Transit <Trnst>	[0..1]	Indicator		1554
	Attended <Attndd>	[0..1]	Indicator		1554
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1554
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1555
	ECommerce <EComrc>	[0..1]	Indicator		1555
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1555
	ECommerceData <EComrcData>	[0..*]			1555
	Type <Tp>	[1..1]	Text		1555
	Value <Val>	[1..1]	Text		1555
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1556
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1556
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1556
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1556
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1556
	NoShow <NoShow>	[0..1]	Indicator		1557
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1557
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1557
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1557
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1558
	DeferredDelivery <Dfrddlvry>	[0..1]	Indicator		1558

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1558
	SplitPayment <Spltpmt>	[0..1]	Indicator		1558
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1559
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1559
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1560
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1560
	StorageLocation <StorgLctn>	[0..1]	Text		1560
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1560
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1560
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1561
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1561
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1561
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1561
	MagneticStripeFallback <MgntcStrpFllbck>	[0..1]	Indicator		1562
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1562
	CaptureDate <CaptrDt>	[0..1]	Date		1562
	DateAnticipated <DtAntcptd>	[0..1]	Date		1562
	AdditionalData <AddtlData>	[0..*]	±		1562

#### 47.1.17.19.1 CardDataEntryMode <CardDataNtryMd>

*Presence:* [1..1]

*Definition:* Entry mode of the card data for the transaction

*Datatype:* "CardDataReading10Code" on page 1801

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.

#### 47.1.17.19.2 OtherCardDataEntryMode <OthrCardDataNtryMd>

*Presence:* [0..1]

*Definition:* Other type of card data entry mode.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.19.3 QRCodePresentmentMode <QRcdPresntmntMd>

*Presence:* [0..1]

*Definition:* Method used to present a QR Code at the point of service.

*Datatype:* "QRCodePresentmentMode1Code" on page 1840

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.

#### 47.1.17.19.4 OtherQRCodePresentmentMode <OthrQRcdPresntmntMd>

*Presence:* [0..1]

*Definition:* Other method of QR Code presentment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.19.5 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 1820

#### **47.1.17.19.6 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 1864

#### **47.1.17.19.7 OtherMerchantCategory <OthrMrchntCtgy>**

*Presence:* [0..1]

*Definition:* Other merchant category assigned by local or national scheme.

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.19.8 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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.19.9 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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.19.10 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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.19.11 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 1854](#)):

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

#### **47.1.17.19.12 Transit <Trnst>**

*Presence:* [0..1]

*Definition:* Indicates a transit transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.19.13 Attended <Attndd>**

*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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.19.14 UnattendedLevelCategory <UattnddLvlCtgy>**

*Presence:* [0..1]

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

*Datatype:* ["Max35NumericText" on page 1864](#)

47.1.17.19.15 ECommerceIndicatorProposed <EComrcIndPropsd>

Presence: [0..1]

Definition: Contains the proposed level of security of e-commerce transaction.

Datatype: "Max35Text" on page 1864

47.1.17.19.16 ECommerce <EComrc>

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

Datatype: One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

47.1.17.19.17 ECommerceIndicatorApplied <EComrcIndApId>

Presence: [0..1]

Definition: Contains the applied level of security of e-commerce transaction.

Datatype: "Max35Text" on page 1864

47.1.17.19.18 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		1555
	Value <Val>	[1..1]	Text		1555

47.1.17.19.18.1 Type <Tp>

Presence: [1..1]

Definition: Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

Datatype: "Max35Text" on page 1864

47.1.17.19.18.2 Value <Val>

Presence: [1..1]

Definition: Value related to a specific ecommerce type.

Datatype: "Max2048Text" on page 1862

#### 47.1.17.19.19 MOTOCd <MOTOCd>

*Presence:* [0..1]

*Definition:* A code that identifies the type of MOTO transaction.

*Datatype:* "MOTO2Code" on page 1828

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

#### 47.1.17.19.20 FinalAuthstn <FnIAuthstn>

*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 1854):

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

#### 47.1.17.19.21 CustomerCnsnt <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 1854):

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

#### 47.1.17.19.22 TransactionInitiator <TxInitr>

*Presence:* [0..1]

*Definition:* Identifies the transaction initiator.

*Datatype:* "TransactionInitiator1Code" on page 1847

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

#### 47.1.17.19.23 DelayedCharges <DelydChrgs>

*Presence:* [0..1]



*Definition:* Indicates a delayed charge.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.19.24 NoShow <NoShow>**

*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 1854](#)):

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

#### **47.1.17.19.25 Reauthorisation <Reauthstn>**

*Presence:* [0..1]

*Definition:* Indicates a reauthorisation.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.19.26 ReSubmission <ReSubmissn>**

*Presence:* [0..1]

*Definition:* Indicates a resubmission.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.19.27 DelayedAuthorisation <DelydAuthstn>**

*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 1854](#)):

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

#### **47.1.17.19.28 LatePresentment <LatePresntmnt>**

*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 1854](#)):

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

#### **47.1.17.19.29 DeferredDelivery <DfrrdDlvry>**

*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 1854](#)):

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

#### **47.1.17.19.30 PartialShipment <PrtlShipmnt>**

*Presence:* [0..1]

*Definition:* Indicates the partial shipment.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.19.31 SplitPayment <Spltpmt>**

*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 1854](#)):

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

#### 47.1.17.19.32 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 1854):

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

#### 47.1.17.19.33 SecurityCharacteristics <SctyChrtcs>

*Presence:* [0..\*]

*Definition:* Security characteristics of the communication link in the card acceptance process.

*Datatype:* "SecurityCharacteristics1Code" on page 1843

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTe	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.
PRAE	PrivateAlgorithmEncryption	Encryption using a private algorithm to secure a communication channel.
PRAM	PrivateAlgorithmMAC	Private algorithm used for MAC.

CodeName	Name	Definition
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

#### 47.1.17.19.34 OtherSecurityCharacteristics <OthrSctyChrtcs>

*Presence:* [0..1]

*Definition:* Other security characteristics.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.19.35 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 1854):

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

#### 47.1.17.19.36 StorageLocation <StorgLctn>

*Presence:* [0..1]

*Definition:* Storage location of payment credential (for example, Acceptor or third party wallet).

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.19.37 PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>

*Presence:* [0..1]

*Definition:* Indicates the relationship between payment credential and merchant.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.17.19.38 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 1854](#)):

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

#### 47.1.17.19.39 PINEntryBypass <PINNtryBpss>

*Presence:* [0..1]

*Definition:* Indicate the PIN entry bypass.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.19.40 ICCFallback <ICCFilbck>

*Presence:* [0..1]

*Definition:* Indicates a chip data fallback.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.19.41 ICCFallbackReasonCode <ICCFilbckRsnCd>

*Presence:* [0..1]

*Definition:* A code that provides the reason of ICC fallback.

*Datatype:* ["ICCFallbackReason1Code" on page 1819](#)

CodeName	Name	Definition
CIIA	ChoosingIncorrectICApplication	Choosing incorrect IC application.
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.

#### 47.1.17.19.42 OtherICCFallbackReasonCode <OthrICCFilbckRsnCd>

*Presence:* [0..1]

*Definition:* Other ICC fallback reason code defined at national or private level.

*Datatype:* ["Max35Text" on page 1864](#)

47.1.17.19.43 MagneticStripeFallback <MgntcStrpFllbck>

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 1854):

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

47.1.17.19.44 AuthenticationOutage <AuthntcnOutg>

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 1854):

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

47.1.17.19.45 CaptureDate <CaptrDt>

Presence: [0..1]

Definition: Date the transaction was completed and captured.

Datatype: "ISODate" on page 1854

47.1.17.19.46 DateAnticipated <DtAntcptd>

Presence: [0..1]

Definition: The date on which the sale or purchase is expected to occur.

Datatype: "ISODate" on page 1854

47.1.17.19.47 AdditionalData <AddtlData>

Presence: [0..\*]

Definition: Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 47.1.17.20 Context22

*Definition:* Context in which the card payment transaction is performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1563
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1563
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1563
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1563
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1564
	NoShow <NoShow>	[0..1]	Indicator		1564
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1564
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1564
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1564
	AdditionalData <AddtlData>	[0..*]	±		1565

### 47.1.17.20.1 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 1820

### 47.1.17.20.2 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 1864

### 47.1.17.20.3 OtherMerchantCategory <OthrMrchntCtgy>

*Presence:* [0..1]

*Definition:* Other merchant category assigned by local or national scheme.

*Datatype:* "Max35Text" on page 1864

### 47.1.17.20.4 TransactionInitiator <TxInitr>

*Presence:* [0..1]

*Definition:* Identifies the transaction initiator.

*Datatype:* "TransactionInitiator1Code" on page 1847

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.

CodeName	Name	Definition
CUST	Customer	Customer initiated transaction.

#### 47.1.17.20.5 DelayedCharges <DelydChrgs>

*Presence:* [0..1]

*Definition:* Indicates a delayed charge.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.20.6 NoShow <NoShow>

*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 1854](#)):

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

#### 47.1.17.20.7 Reauthorisation <Reauthstn>

*Presence:* [0..1]

*Definition:* Indicates a reauthorisation.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.20.8 ReSubmission <ReSubmissn>

*Presence:* [0..1]

*Definition:* Indicates a resubmission.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.20.9 PartialShipment <PrtlShipmnt>

*Presence:* [0..1]

*Definition:* Indicates the partial shipment.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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



47.1.17.20.10 AdditionalData <AddtlData>

Presence: [0..\*]  
Definition: Additional transaction context data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1"](#) on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.17.21 Context21

Definition: Context in which the card payment transaction is performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1567
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1567
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1568
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1568
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1568
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1568
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1568
	CardPresent <CardPres>	[0..1]	Indicator		1568
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1569
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1569
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1569
	Transit <Trnst>	[0..1]	Indicator		1570
	Attended <Attndd>	[0..1]	Indicator		1570
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1570
	ECommerce <EComrc>	[0..1]	Indicator		1570
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1570
	ECommerceData <EComrcData>	[0..*]			1571
	Type <Tp>	[1..1]	Text		1571
	Value <Val>	[1..1]	Text		1571
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1571
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1571
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1571
	NoShow <NoShow>	[0..1]	Indicator		1572
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1572
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1572
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1572
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1573
	DeferredDelivery <DfrdDlvry>	[0..1]	Indicator		1573
	PartialShipment <PrtlShipmnt>	[0..1]	Indicator		1573
	SplitPayment <Spltpmt>	[0..1]	Indicator		1573
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1574

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1574
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1575
	StorageLocation <StorgLctn>	[0..1]	Text		1575
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1575
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchtntRltsh>	[0..1]	Indicator		1575
	CaptureDate <CaptrDt>	[0..1]	Date		1575
	DateAnticipated <DtAntcptd>	[0..1]	Date		1576
	AdditionalData <AddtlData>	[0..*]	±		1576

#### 47.1.17.21.1 CardDataEntryMode <CardDataNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the card data for the transaction

*Datatype:* "CardDataReading10Code" on page 1801

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.

#### 47.1.17.21.2 OtherCardDataEntryMode <OthrCardDataNtryMd>

*Presence:* [0..1]

*Definition:* Other type of card data entry mode.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.21.3 QRCodePresentmentMode <QRcdPresntmntMd>

*Presence:* [0..1]

*Definition:* Method used to present a QR Code at the point of service.

*Datatype:* "QRCodePresentmentMode1Code" on page 1840

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.

#### 47.1.17.21.4 OtherQRCodePresentmentMode <OthrQRcdPresntmntMd>

*Presence:* [0..1]

*Definition:* Other method of QR Code presentment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.21.5 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 1820

#### 47.1.17.21.6 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 1864

#### 47.1.17.21.7 OtherMerchantCategory <OthrMrchntCtgy>

*Presence:* [0..1]

*Definition:* Other merchant category assigned by local or national scheme.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.21.8 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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.9 CardholderPresent <CrhdldrPres>**

*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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.10 CardholderActivated <CrhdldrActvtd>**

*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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.11 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 1854](#)):

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

#### **47.1.17.21.12 Transit <Trnst>**

*Presence:* [0..1]

*Definition:* Indicates a transit transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.13 Attended <Attndd>**

*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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.14 UnattendedLevelCategory <UattnddLvlCtgy>**

*Presence:* [0..1]

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

*Datatype:* ["Max35NumericText" on page 1864](#)

#### **47.1.17.21.15 ECommerce <EComrc>**

*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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.16 ECommerceIndicatorApplied <EComrcIndApld>**

*Presence:* [0..1]

*Definition:* Contains the applied level of security of e-commerce transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.21.17 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		1571
	Value <Val>	[1..1]	Text		1571

##### 47.1.17.21.17.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

*Datatype:* "Max35Text" on page 1864

##### 47.1.17.21.17.2 Value <Val>

*Presence:* [1..1]

*Definition:* Value related to a specific ecommerce type.

*Datatype:* "Max2048Text" on page 1862

#### 47.1.17.21.18 MOTOCCode <MOTOCd>

*Presence:* [0..1]

*Definition:* A code that identifies the type of MOTO transaction.

*Datatype:* "MOTO2Code" on page 1828

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

#### 47.1.17.21.19 TransactionInitiator <TxInitr>

*Presence:* [0..1]

*Definition:* Identifies the transaction initiator.

*Datatype:* "TransactionInitiator1Code" on page 1847

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

#### 47.1.17.21.20 DelayedCharges <DelydChrgs>

*Presence:* [0..1]

*Definition:* Indicates a delayed charge.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.21 NoShow <NoShow>**

*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 1854](#)):

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

#### **47.1.17.21.22 Reauthorisation <Reauthstn>**

*Presence:* [0..1]

*Definition:* Indicates a reauthorisation.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.23 ReSubmission <ReSubmissn>**

*Presence:* [0..1]

*Definition:* Indicates a resubmission.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.24 DelayedAuthorisation <DelydAuthstn>**

*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 1854](#)):

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



#### **47.1.17.21.25 LatePresentment <LatePresntmnt>**

*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 1854](#)):

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

#### **47.1.17.21.26 DeferredDelivery <DfrrdDlvry>**

*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 1854](#)):

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

#### **47.1.17.21.27 PartialShipment <PrtlShipmnt>**

*Presence:* [0..1]

*Definition:* Indicates the partial shipment.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.21.28 SplitPayment <Spltpmt>**

*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 1854](#)):

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

**47.1.17.21.29 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 1854](#)):

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

**47.1.17.21.30 SecurityCharacteristics <SctyChrtcs>***Presence:* [0..\*]*Definition:* Security characteristics of the communication link in the card acceptance process.*Datatype:* ["SecurityCharacteristics1Code" on page 1843](#)

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTe	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.
PRAE	PrivateAlgorithmEncryption	Encryption using a private algorithm to secure a communication channel.
PRAM	PrivateAlgorithmMAC	Private algorithm used for MAC.

CodeName	Name	Definition
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

#### 47.1.17.21.31 OtherSecurityCharacteristics <OthrSctyChrtcs>

*Presence:* [0..1]

*Definition:* Other security characteristics.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.21.32 StorageLocation <StorgLctn>

*Presence:* [0..1]

*Definition:* Storage location of payment credential (for example, Acceptor or third party wallet).

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.21.33 AuthenticationOutage <AuthntcnOutg>

*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 1854):

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

#### 47.1.17.21.34 PaymentCredentialMerchantRelationship <PmtCrntlMrchntRltsh>

*Presence:* [0..1]

*Definition:* Indicates the relationship between payment credential and merchant.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.17.21.35 CaptureDate <CaptrDt>

*Presence:* [0..1]

*Definition:* Date the transaction was completed and captured.

ISO 8583 bit 17

*Datatype:* "ISODate" on page 1854

**47.1.17.21.36 DateAnticipated <DtAntcptd>**

*Presence:* [0..1]

*Definition:* The date on which the sale or purchase is expected to occur.

*Datatype:* "ISODate" on page 1854

**47.1.17.21.37 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Additional transaction context data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.17.22 Context20**

*Definition:* Context in which the card payment transaction is performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[0..1]	CodeSet		1578
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1578
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1578
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1579
	MerchantCategoryCode <MrchntCtgyCd>	[0..1]	CodeSet		1579
	MerchantCategorySpecificData <MrchntCtgySpcfcData>	[0..1]	Text		1579
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1579
	CardPresent <CardPres>	[0..1]	Indicator		1579
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1580
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1580
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1580
	Transit <Trnst>	[0..1]	Indicator		1580
	Attended <Attndd>	[0..1]	Indicator		1581
	UnattendedLevelCategory <UattnddLvlCtgy>	[0..1]	Text		1581
	ECommerce <EComrc>	[0..1]	Indicator		1581
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1581
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1581
	ECommerceData <EComrcData>	[0..*]			1582
	Type <Tp>	[1..1]	Text		1582
	Value <Val>	[1..1]	Text		1582
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1582
	TransactionInitiator <Txlnitr>	[0..1]	CodeSet		1582
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1582
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1583
	NoShow <NoShow>	[0..1]	Indicator		1583
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1583
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1583
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1584
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1584
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1584
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1585

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1585
	StorageLocation <StorgLctn>	[0..1]	Text		1585
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1585

#### 47.1.17.22.1 CardDataEntryMode <CardDataNtryMd>

*Presence:* [0..1]

*Definition:* Entry mode of the card data for the transaction

*Datatype:* "CardDataReading10Code" on page 1801

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.

#### 47.1.17.22.2 OtherCardDataEntryMode <OthrCardDataNtryMd>

*Presence:* [0..1]

*Definition:* Other type of card data entry mode.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.22.3 QRCodePresentmentMode <QRcdPresntmntMd>

*Presence:* [0..1]

*Definition:* Method used to present a QR Code at the point of service.

*Datatype:* "QRCodePresentmentMode1Code" on page 1840

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.

#### 47.1.17.22.4 OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>

*Presence:* [0..1]

*Definition:* Other method of QR Code presentment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.22.5 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 1820

#### 47.1.17.22.6 MerchantCategorySpecificData <MrchntCtgySpcfcData>

*Presence:* [0..1]

*Definition:* Further details about the merchant that is used in with the merchant category code (MCC) for the particular purchase.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.22.7 OtherMerchantCategory <OthrMrchntCtgy>

*Presence:* [0..1]

*Definition:* Other merchant category assigned by local or national scheme.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.22.8 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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.22.9 CardholderPresent <CrhdldrPres>**

*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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.22.10 CardholderActivated <CrhdldrActvtd>**

*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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.22.11 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 1854](#)):

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

#### **47.1.17.22.12 Transit <Trnst>**

*Presence:* [0..1]

*Definition:* Indicates a transit transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):



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

#### **47.1.17.22.13 Attended <Attndd>**

*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

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1854):

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

#### **47.1.17.22.14 UnattendedLevelCategory <UattnddLvlCtgy>**

*Presence:* [0..1]

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

*Datatype:* "[Max35NumericText](#)" on page 1864

#### **47.1.17.22.15 ECommerce <EComrc>**

*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

*Datatype:* One of the following values must be used (see "[TrueFalseIndicator](#)" on page 1854):

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

#### **47.1.17.22.16 ECommerceIndicatorProposed <EComrcIndPropsd>**

*Presence:* [0..1]

*Definition:* Contains the proposed level of security of e-commerce transaction.

*Datatype:* "[Max35Text](#)" on page 1864

#### **47.1.17.22.17 ECommerceIndicatorApplied <EComrcIndApld>**

*Presence:* [0..1]

*Definition:* Contains the applied level of security of e-commerce transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.22.18 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		1582
	Value <Val>	[1..1]	Text		1582

##### 47.1.17.22.18.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

*Datatype:* "Max35Text" on page 1864

##### 47.1.17.22.18.2 Value <Val>

*Presence:* [1..1]

*Definition:* Value related to a specific ecommerce type.

*Datatype:* "Max2048Text" on page 1862

#### 47.1.17.22.19 MOTOCCode <MOTOCd>

*Presence:* [0..1]

*Definition:* A code that identifies the type of MOTO transaction.

*Datatype:* "MOTO2Code" on page 1828

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

#### 47.1.17.22.20 TransactionInitiator <TxInitr>

*Presence:* [0..1]

*Definition:* Identifies the transaction initiator.

*Datatype:* "TransactionInitiator1Code" on page 1847

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

#### 47.1.17.22.21 DelayedAuthorisation <DelydAuthstn>

*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 1854](#)):

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

#### **47.1.17.22.22 DelayedCharges <DelydChrgs>**

*Presence:* [0..1]

*Definition:* Indicates a delayed charge.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.22.23 NoShow <NoShow>**

*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 1854](#)):

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

#### **47.1.17.22.24 Reauthorisation <Reauthstn>**

*Presence:* [0..1]

*Definition:* Indicates a reauthorisation.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.22.25 ReSubmission <ReSubmissn>**

*Presence:* [0..1]

*Definition:* Indicates a resubmission.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

**47.1.17.22.26 PartialShipment <PrtlShipmnt>**

*Presence:* [0..1]

*Definition:* Indicates the partial shipment.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

**47.1.17.22.27 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 1854):

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

**47.1.17.22.28 SecurityCharacteristics <SctyChrtcs>**

*Presence:* [0..\*]

*Definition:* Security characteristics of the communication link in the card acceptance process.

*Datatype:* ["SecurityCharacteristics1Code"](#) on page 1843

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.
CPTe	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode

CodeName	Name	Definition
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

#### 47.1.17.22.29 OtherSecurityCharacteristics <OthrSctyChrtcs>

*Presence:* [0..1]

*Definition:* Other security characteristics.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.22.30 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 1854):

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

#### 47.1.17.22.31 StorageLocation <StorgLctn>

*Presence:* [0..1]

*Definition:* Storage location of payment credential (for example, Acceptor or third party wallet).

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.22.32 PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>

*Presence:* [0..1]

*Definition:* Indicates the relationship between payment credential and merchant.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

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### **47.1.17.23 Context19**

*Definition:* Context in which the card payment transaction is performed.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CardDataEntryMode <CardDataNtryMd>	[1..1]	CodeSet		1589
	OtherCardDataEntryMode <OthrCardDataNtryMd>	[0..1]	Text		1589
	QRCodePresentmentMode <QRCDPresntmntMd>	[0..1]	CodeSet		1589
	OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>	[0..1]	Text		1590
	MerchantCategoryCode <MrchntCtgyCd>	[1..1]	CodeSet		1590
	MerchantCategorySpecificData <MrchntCtgySpfcData>	[0..1]	Text		1590
	OtherMerchantCategory <OthrMrchntCtgy>	[0..1]	Text		1590
	CardPresent <CardPres>	[0..1]	Indicator		1590
	CardholderPresent <CrdhldrPres>	[0..1]	Indicator		1591
	CardholderActivated <CrdhldrActvtd>	[0..1]	Indicator		1591
	TransponderInitiated <TrnspndrInittd>	[0..1]	Indicator		1591
	Transit <Trnst>	[0..1]	Indicator		1591
	Attended <Atnddd>	[0..1]	Indicator		1592
	UnattendedLevelCategory <UatndddLvlCtgy>	[0..1]	Text		1592
	ECommerce <EComrc>	[0..1]	Indicator		1592
	ECommerceIndicatorProposed <EComrcIndPropsd>	[0..1]	Text		1592
	ECommerceIndicatorApplied <EComrcIndApld>	[0..1]	Text		1592
	ECommerceData <EComrcData>	[0..*]			1593
	Type <Tp>	[1..1]	Text		1593
	Value <Val>	[1..1]	Text		1593
	MOTOCODE <MOTOCd>	[0..1]	CodeSet		1593
	FinalAuthorisation <FnlAuthstn>	[0..1]	Indicator		1593
	CustomerConsent <CstmrCnsnt>	[0..1]	Indicator		1593
	TransactionInitiator <TxInitr>	[0..1]	CodeSet		1594
	DelayedCharges <DelydChrgs>	[0..1]	Indicator		1594
	NoShow <NoShow>	[0..1]	Indicator		1594
	Reauthorisation <Reauthstn>	[0..1]	Indicator		1594
	ReSubmission <ReSubmissn>	[0..1]	Indicator		1595
	DelayedAuthorisation <DelydAuthstn>	[0..1]	Indicator		1595
	LatePresentment <LatePresntmnt>	[0..1]	Indicator		1595
	DeferredDelivery <DfrdDlrvy>	[0..1]	Indicator		1595

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PartialShipment <PrtlShpmt>	[0..1]	Indicator		1596
	SplitPayment <Spltpmt>	[0..1]	Indicator		1596
	PartialApprovalSupported <PrtlApprvlSpprtd>	[0..1]	Indicator		1596
	SecurityCharacteristics <SctyChrtcs>	[0..*]	CodeSet		1596
	OtherSecurityCharacteristics <OthrSctyChrtcs>	[0..1]	Text		1597
	TemporarySecureCardDataReused <TempScrCardDataReusd>	[0..1]	Indicator		1597
	StorageLocation <StorgLctn>	[0..1]	Text		1598
	PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>	[0..1]	Indicator		1598
	PINPadInoperative <PINPadInprtv>	[0..1]	Indicator		1598
	PINEntryBypass <PINNtryBpss>	[0..1]	Indicator		1598
	ICCFallback <ICCFllbck>	[0..1]	Indicator		1598
	ICCFallbackReasonCode <ICCFllbckRsnCd>	[0..1]	CodeSet		1599
	OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>	[0..1]	Text		1599
	MagneticStripeFallback <MgntcStrpFllbck>	[0..1]	Indicator		1599
	AuthenticationOutage <AuthntcnOutg>	[0..1]	Indicator		1599
	CaptureDate <CaptrDt>	[0..1]	Date		1599
	DateAnticipated <DtAntcptd>	[0..1]	Date		1600
	ECRIdentification <ECRIId>	[0..1]	Text		1600
	SaleReferenceNumber <SaleRefNb>	[0..1]	Text		1600
	GoodsAndServicesType <GoodsAndSvcsTp>	[0..1]	CodeSet		1600
	GoodAndServicesSubType <GoodAndSvcsSubTp>	[0..1]	CodeSet		1600
	GoodAndServicesOtherSubType <GoodAndSvcsOthrSubTp>	[0..1]	Text		1601
	GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>	[0..1]	Text		1601
	GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>	[0..1]	CodeSet		1601
	OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>	[0..1]	Text		1601
	ReceiptRequest <RctReq>	[0..1]	Indicator		1602
	ReceiptType <RctTp>	[0..*]	CodeSet		1602
	ReceiptDestination <RctDstn>	[0..1]	Text		1602



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AdditionalData <AddtlData>	[0..*]	±		1602

#### 47.1.17.23.1 CardDataEntryMode <CardDataNtryMd>

*Presence:* [1..1]

*Definition:* Entry mode of the card data for the transaction

*Datatype:* "CardDataReading10Code" on page 1801

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.

#### 47.1.17.23.2 OtherCardDataEntryMode <OthrCardDataNtryMd>

*Presence:* [0..1]

*Definition:* Other type of card data entry mode.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.3 QRCodePresentmentMode <QRCDPresntmntMd>

*Presence:* [0..1]

*Definition:* Method used to present a QR Code at the point of service.

*Datatype:* "QRCodePresentmentMode1Code" on page 1840

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.

#### 47.1.17.23.4 OtherQRCodePresentmentMode <OthrQRCDPresntmntMd>

*Presence:* [0..1]

*Definition:* Other method of QR Code presentment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.5 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 1820

#### 47.1.17.23.6 MerchantCategorySpecificData <MrchntCtgySpcfcData>

*Presence:* [0..1]

*Definition:* Further details about the merchant that is used in with the merchant category code (MCC) for the particular purchase.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.7 OtherMerchantCategory <OthrMrchntCtgy>

*Presence:* [0..1]

*Definition:* Other merchant category assigned by local or national scheme.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.8 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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.17.23.9 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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.23.10 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.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.23.11 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 1854](#)):

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

#### 47.1.17.23.12 Transit <Trnst>

*Presence:* [0..1]

*Definition:* Indicates a transit transaction.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.23.13 Attended <Attndd>**

*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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.23.14 UnattendedLevelCategory <UattnddLvlCtgy>**

*Presence:* [0..1]

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

*Datatype:* ["Max35NumericText" on page 1864](#)

#### **47.1.17.23.15 ECommerce <EComrc>**

*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

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.23.16 ECommerceIndicatorProposed <EComrcIndPropsd>**

*Presence:* [0..1]

*Definition:* Contains the proposed level of security of e-commerce transaction.

*Datatype:* ["Max35Text" on page 1864](#)

#### **47.1.17.23.17 ECommerceIndicatorApplied <EComrcIndApld>**

*Presence:* [0..1]

*Definition:* Contains the applied level of security of e-commerce transaction.

*Datatype:* ["Max35Text" on page 1864](#)

#### 47.1.17.23.18 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		1593
	Value <Val>	[1..1]	Text		1593

##### 47.1.17.23.18.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of the ecommerce data (for example ,ECI level, downgrade reason, etc).

*Datatype:* "Max35Text" on page 1864

##### 47.1.17.23.18.2 Value <Val>

*Presence:* [1..1]

*Definition:* Value related to a specific ecommerce type.

*Datatype:* "Max2048Text" on page 1862

#### 47.1.17.23.19 MOTOCCode <MOTOCd>

*Presence:* [0..1]

*Definition:* A code that identifies the type of MOTO transaction.

*Datatype:* "MOTO2Code" on page 1828

CodeName	Name	Definition
MAOR	MailOrder	Mail order.
MOTO	MailOrderOrTelephoneOrder	Mail order or telephone order.
TPOR	TelephoneOrder	Telephone order

#### 47.1.17.23.20 FinalAuthorisation <FnIAuthstn>

*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 1854):

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

#### 47.1.17.23.21 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 1854):

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

#### 47.1.17.23.22 TransactionInitiator <TxInitr>

*Presence:* [0..1]

*Definition:* Identifies the transaction initiator.

*Datatype:* ["TransactionInitiator1Code"](#) on page 1847

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

#### 47.1.17.23.23 DelayedCharges <DelydChrgs>

*Presence:* [0..1]

*Definition:* Indicates a delayed charge.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### 47.1.17.23.24 NoShow <NoShow>

*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 1854):

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

#### 47.1.17.23.25 Reauthorisation <Reauthstn>

*Presence:* [0..1]

*Definition:* Indicates a reauthorisation.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator"](#) on page 1854):

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

#### **47.1.17.23.26 ReSubmission <ReSubmissn>**

*Presence:* [0..1]

*Definition:* Indicates a resubmission.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### **47.1.17.23.27 DelayedAuthorisation <DelydAuthstn>**

*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 1854](#)):

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

#### **47.1.17.23.28 LatePresentment <LatePresntmnt>**

*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 1854](#)):

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

#### **47.1.17.23.29 DeferredDelivery <DfrrdDlvry>**

*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 1854](#)):

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

#### 47.1.17.23.30 PartialShipment <PrtlShipmnt>

*Presence:* [0..1]

*Definition:* Indicates the partial shipment.

*Datatype:* One of the following values must be used (see ["TrueFalseIndicator" on page 1854](#)):

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

#### 47.1.17.23.31 SplitPayment <SpltPmt>

*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 1854](#)):

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

#### 47.1.17.23.32 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 1854](#)):

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

#### 47.1.17.23.33 SecurityCharacteristics <SctyChrtcs>

*Presence:* [0..\*]

*Definition:* Security characteristics of the communication link in the card acceptance process.

*Datatype:* ["SecurityCharacteristics1Code" on page 1843](#)

CodeName	Name	Definition
CETE	CardholderEndToEndEncryption	Encryption initiated by the cardholder to secure end-to-end communication channel.



CodeName	Name	Definition
CPTe	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode
PKIE	PKIEncryption	Encryption using PKI to secure the communication channel.
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

#### 47.1.17.23.34 OtherSecurityCharacteristics <OthrSctyChrtcs>

*Presence:* [0..1]

*Definition:* Other security characteristics.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.35 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 1854):

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

#### **47.1.17.23.36 StorageLocation <StorgLctn>**

*Presence:* [0..1]

*Definition:* Storage location of payment credential (for example, Acceptor or third party wallet).

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.23.37 PaymentCredentialMerchantRelationship <PmtCrdntlMrchntRltsh>**

*Presence:* [0..1]

*Definition:* Indicates the relationship between payment credential and merchant.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.23.38 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 1854):

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

#### **47.1.17.23.39 PINEntryBypass <PINNtryBpss>**

*Presence:* [0..1]

*Definition:* Indicate the PIN entry bypass.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.17.23.40 ICCFallback <ICCFllbck>**

*Presence:* [0..1]

*Definition:* Indicates a chip data fallback.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.17.23.41 ICCFallbackReasonCode <ICCFllbckRsnCd>

*Presence:* [0..1]

*Definition:* A code that provides the reason of ICC fallback.

*Datatype:* "ICCFallbackReason1Code" on page 1819

CodeName	Name	Definition
CIIA	ChoosingIncorrectICApplication	Choosing incorrect IC application.
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.

#### 47.1.17.23.42 OtherICCFallbackReasonCode <OthrICCFllbckRsnCd>

*Presence:* [0..1]

*Definition:* Other ICC fallback reason code defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.43 MagneticStripeFallback <MgntcStrpFllbck>

*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 1854):

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

#### 47.1.17.23.44 AuthenticationOutage <AuthntcnOutg>

*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 1854):

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

#### 47.1.17.23.45 CaptureDate <CaptrDt>

*Presence:* [0..1]

*Definition:* Date the transaction was completed and captured.

*Datatype:* "ISODate" on page 1854

#### **47.1.17.23.46 DateAnticipated <DtAntcptd>**

*Presence:* [0..1]

*Definition:* The date on which the sale or purchase is expected to occur.

*Datatype:* "ISODate" on page 1854

#### **47.1.17.23.47 ECRIdentification <ECRId>**

*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 1864

#### **47.1.17.23.48 SaleReferenceNumber <SaleRefNb>**

*Presence:* [0..1]

*Definition:* Identify a sale transaction assigned by the sale system.

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.23.49 GoodsAndServicesType <GoodsAndSvcsTp>**

*Presence:* [0..1]

*Definition:* Type of goods and/or services.

*Datatype:* "GoodsAndServices1Code" on page 1818

CodeName	Name	Definition
ELEC	Electronic	Electronic goods and services.
PHYS	Physical	Physical goods or services.
ELPH	ElectronicAndPhysical	Electronic and physical goods and services.

#### **47.1.17.23.50 GoodAndServicesSubType <GoodAndSvcsSubTp>**

*Presence:* [0..1]

*Definition:* Sub type of goods and/or services.

*Datatype:* "GoodsAndServicesSubType1Code" on page 1818

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.

#### 47.1.17.23.51 GoodAndServicesOtherSubType <GoodAndSvcOthrSubTp>

*Presence:* [0..1]

*Definition:* Other goods and services sub type applied to the transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.52 GoodAndServiceDeliveryChannel <GoodAndSvcDlvryChanl>

*Presence:* [0..1]

*Definition:* Code that specifies the good or service delivery channel.

*Datatype:* "GoodAndServiceDeliveryChannel1Code" on page 1817

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

#### 47.1.17.23.53 OtherGoodAndServiceDeliveryChannel <OthrGoodAndSvcDlvryChanl>

*Presence:* [0..1]

*Definition:* Other good or service delivery channel defined at private or national level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.23.54 GoodAndServiceDeliverySchedule <GoodAndSvcDlvrySchdl>

*Presence:* [0..1]

*Definition:* Code that specifies the good or service delivery schedule.

*Datatype:* "GoodAndServiceDeliverySchedule1Code" on page 1818

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.

#### 47.1.17.23.55 OtherGoodAndServiceDeliverySchedule <OthrGoodAndSvcDlvrySchdl>

*Presence:* [0..1]

*Definition:* Other good or service delivery schedule defined at private or national level.

*Datatype:* "Max35Text" on page 1864

**47.1.17.23.56 ReceiptRequest <RctReq>**

*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 1854):

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

**47.1.17.23.57 ReceiptType <RctTp>**

*Presence:* [0..\*]

*Definition:* Type of receipt requested or communication channel used.

*Datatype:* "ReceiptType1Code" on page 1840

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.

**47.1.17.23.58 ReceiptDestination <RctDstn>**

*Presence:* [0..1]

*Definition:* Destination of the receipt (for example, e-mail address, SMS number, etc.).

*Datatype:* "Max70Text" on page 1867

**47.1.17.23.59 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.17.24 AdditionalData1

*Definition:* Contains additional data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

##### 47.1.17.24.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of information.

*Datatype:* "Max35Text" on page 1864

##### 47.1.17.24.2 Value <Val>

*Presence:* [0..1]

*Definition:* Value of a specific type of data.

*Datatype:* "Max2048Text" on page 1862

#### 47.1.17.25 AdditionalData2

*Definition:* Contains additional data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Details <Dtls>	[0..*]	±		1603

##### 47.1.17.25.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of information.

*Datatype:* "Max35Text" on page 1864

##### 47.1.17.25.2 Details <Dtls>

*Presence:* [0..\*]

*Definition:* Detail of the specific type of data.

**Details <Dtls>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 47.1.17.26 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		1604
	Envelope <Envlp>	[1..1]	(External Schema)		1604

#### 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.

#### 47.1.17.26.1 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 1864

#### 47.1.17.26.2 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.

### 47.1.17.27 AdditionalInformation22

*Definition:* Additional information relevant to the destination.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1604
	Target <Trgt>	[0..*]	CodeSet		1605
	Format <Frmt>	[0..1]	CodeSet		1605
	Type <Tp>	[0..1]	Text		1606
	Value <Val>	[1..1]	Text		1606

#### 47.1.17.27.1 Recipient <Rcpt>

*Presence:* [0..1]

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



*Datatype:* "PartyType19Code" on page 1832

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

#### 47.1.17.27.2 Target <Trgt>

*Presence:* [0..\*]

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

*Datatype:* "UserInterface8Code" on page 1852

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.

#### 47.1.17.27.3 Format <Frmt>

*Presence:* [0..1]

*Definition:* Format of the additional information.

*Datatype:* "OutputFormat4Code" on page 1830

CodeName	Name	Definition
FLNM	FileName	File name and location identification for stored messages or data.

CodeName	Name	Definition
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.

#### 47.1.17.27.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Defines the type of the value.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.27.5 Value <Val>

*Presence:* [1..1]

*Definition:* Content of or reference to the message.

*Datatype:* "Max20KText" on page 1862

#### 47.1.17.28 AdditionalInformation30

*Definition:* Additional information relevant to the destination.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Recipient <Rcpt>	[0..1]	CodeSet		1606
	Target <Trgt>	[0..*]	CodeSet		1607
	Format <Frmt>	[0..1]	CodeSet		1607
	Type <Tp>	[0..1]	Text		1608
	Language <Lang>	[1..1]	CodeSet		1608
	Value <Val>	[1..1]	Text		1608

##### 47.1.17.28.1 Recipient <Rcpt>

*Presence:* [0..1]

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

*Datatype:* "PartyType19Code" on page 1832

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

#### 47.1.17.28.2 Target <Trgt>

*Presence:* [0..\*]

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

*Datatype:* "UserInterface8Code" on page 1852

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.

#### 47.1.17.28.3 Format <Frmt>

*Presence:* [0..1]

*Definition:* Format of the additional information.

*Datatype:* "OutputFormat4Code" on page 1830

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.

#### 47.1.17.28.4 Type <Tp>

*Presence:* [0..1]

*Definition:* Defines the type of the value.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.28.5 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 1822

#### 47.1.17.28.6 Value <Val>

*Presence:* [1..1]

*Definition:* Content of or reference to the message.

*Datatype:* "Max20KText" on page 1862

#### 47.1.17.29 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		1608
	Description <Desc>	[1..1]	Text		1609
	Value <Val>	[0..1]	Text		1609

##### 47.1.17.29.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of error corrected or amendment brought to the message.

*Datatype:* "Max35Text" on page 1864

**47.1.17.29.2 Description <Desc>**

*Presence:* [1..1]

*Definition:* Detailed description of the error or amendment.

*Datatype:* "Max500Text" on page 1866

**47.1.17.29.3 Value <Val>**

*Presence:* [0..1]

*Definition:* Contains the modified value.

*Datatype:* "Max256Text" on page 1863

**47.1.17.30 PointOfInteractionComponent16**

*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		1609
	ItemNumber <ItmNb>	[0..1]	Text		1610
	ProviderIdentification <PrvdrId>	[0..1]	Text		1610
	Identification <Id>	[0..1]	Text		1610
	SerialNumber <SrlNb>	[0..1]	Text		1610

**47.1.17.30.1 Type <Tp>**

*Presence:* [1..1]

*Definition:* Type of component belonging to a POI (Point Of Interaction) Terminal.

*Datatype:* "POIComponentType5Code" on page 1837

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.

CodeName	Name	Definition
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.

#### 47.1.17.30.2 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 1864

#### 47.1.17.30.3 ProviderIdentification <PrvdrId>

*Presence:* [0..1]

*Definition:* Identifies the provider of the software, hardware or parameters of the POI component.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.30.4 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the POI component assigned by its provider.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.30.5 SerialNumber <SrINb>

*Presence:* [0..1]

*Definition:* Serial number identifying an occurrence of an hardware component.

*Datatype:* "Max70Text" on page 1867

### 47.1.17.31 RetrievalFulfilmentInstructions3

*Definition:* Fulfilment instructions for the retrieval

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RequestedMethod <ReqdMtd>	[0..*]	Text		1611
	EstablishedMethod <EstblshdMtd>	[0..*]	Text		1611
	ActualDeliveryMethod <ActlDlrvyMtd>	[0..1]	Text		1612
	Contact <Ctct>	[0..1]			1612
	Name <Nm>	[0..1]	Text		1612
	GivenName <GvnNm>	[0..1]	Text		1612
	MiddleName <MddlNm>	[0..1]	Text		1612
	LastName <LastNm>	[0..1]	Text		1613
	Phone <Phne>	[0..1]	Text		1613
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1613
	TollFreePhone <TollFreePhne>	[0..1]	Text		1613
	Email <Email>	[0..1]	Text		1613
	Fax <Fax>	[0..1]	Text		1613
	URL <URL>	[0..1]	Text		1613
	Language <Lang>	[0..1]	CodeSet		1613
	PostalAddress <PstlAdr>	[0..1]	±		1613
	Recipient <Rcpt>	[0..1]	CodeSet		1614
	Target <Trgt>	[0..*]	CodeSet		1615
	Format <Frmt>	[0..1]	CodeSet		1615
	Type <Tp>	[0..1]	Text		1615
	Value <Val>	[1..1]	Text		1615

#### 47.1.17.31.1 RequestedMethod <ReqdMtd>

*Presence:* [0..\*]

*Definition:* Method requested by issuers to convey the transaction information.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.31.2 EstablishedMethod <EstblshdMtd>

*Presence:* [0..\*]

*Definition:* Method established by fulfilment system.

*Datatype:* "Max35Text" on page 1864

**47.1.17.31.3 ActualDeliveryMethod <ActIDlvryMtd>***Presence:* [0..1]*Definition:* Method actually used to convey the transaction information.*Datatype:* "Max35Text" on page 1864**47.1.17.31.4 Contact <Ctct>***Presence:* [0..1]*Definition:* Contact for delivery.**Contact <Ctct>** contains the following **ContactBusiness1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1612
	GivenName <GvnNm>	[0..1]	Text		1612
	MiddleName <MddINm>	[0..1]	Text		1612
	LastName <LastNm>	[0..1]	Text		1613
	Phone <Phne>	[0..1]	Text		1613
	PropertyPhone <PrprtyPhne>	[0..1]	Text		1613
	TollFreePhone <TollFreePhne>	[0..1]	Text		1613
	Email <Email>	[0..1]	Text		1613
	Fax <Fax>	[0..1]	Text		1613
	URL <URL>	[0..1]	Text		1613
	Language <Lang>	[0..1]	CodeSet		1613

**47.1.17.31.4.1 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 1867**47.1.17.31.4.2 GivenName <GvnNm>***Presence:* [0..1]*Definition:* First name of the cardholder.*Datatype:* "Max35Text" on page 1864**47.1.17.31.4.3 MiddleName <MddINm>***Presence:* [0..1]*Definition:* Middle name or initials present in the name of a person.*Datatype:* "Max35Text" on page 1864



#### **47.1.17.31.4.4 LastName <LastNm>**

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.17.31.4.5 Phone <Phne>**

*Presence:* [0..1]

*Definition:* Main phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.17.31.4.6 PropertyPhone <PrprtyPhne>**

*Presence:* [0..1]

*Definition:* Property phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.17.31.4.7 TollFreePhone <TollFreePhne>**

*Presence:* [0..1]

*Definition:* Toll-free phone number for the contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.17.31.4.8 Email <Email>**

*Presence:* [0..1]

*Definition:* Email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.17.31.4.9 Fax <Fax>**

*Presence:* [0..1]

*Definition:* Fax phone number.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.17.31.4.10 URL <URL>**

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### **47.1.17.31.4.11 Language <Lang>**

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### **47.1.17.31.5 PostalAddress <PstlAdr>**

*Presence:* [0..1]

*Definition:* Postal address related to a retrieval fulfilment.

**PostalAddress <PstlAdr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.17.31.6 Recipient <Rcpt>

*Presence:* [0..1]

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

*Datatype:* "PartyType19Code" on page 1832

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

#### 47.1.17.31.7 Target <Trgt>

*Presence:* [0..\*]

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

*Datatype:* "UserInterface8Code" on page 1852

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.

#### 47.1.17.31.8 Format <Frmt>

*Presence:* [0..1]

*Definition:* Format of the additional information.

*Datatype:* "OutputFormat4Code" on page 1830

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.

#### 47.1.17.31.9 Type <Tp>

*Presence:* [0..1]

*Definition:* Defines the type of the value.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.31.10 Value <Val>

*Presence:* [1..1]

*Definition:* Content of or reference to the message.

*Datatype:* "Max20KText" on page 1862

### 47.1.17.32 Header71

*Definition:* Set of characteristics related to the protocol.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageFunction <MsgFctn>	[1..1]	CodeSet		1616
	ProtocolVersion <PrtcolVrsn>	[1..1]	Text		1616
	ExchangeIdentification <Xchgld>	[0..1]	Text		1616
	ReTransmissionCounter <ReTrnsmssnCnt>	[0..1]	Text		1616
	CreationDateTime <CreDtTm>	[1..1]	DateTime		1616
	BatchManagementInformation <BtchMgmtInf>	[0..1]	±		1617
	InitiatingParty <InitgPty>	[1..1]	±		1617
	RecipientParty <RcptPty>	[0..1]	±		1617
	TraceData <TracData>	[0..*]	±		1618
	Traceability <Tracblt>	[0..*]	±		1618

#### 47.1.17.32.1 MessageFunction <MsgFctn>

*Presence:* [1..1]

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

*Datatype:* "ExternalMessageFunction1Code" on page 1812

#### 47.1.17.32.2 ProtocolVersion <PrtcolVrsn>

*Presence:* [1..1]

*Definition:* Version of the acquirer to issuer protocol specifications.

*Datatype:* "Max2048Text" on page 1862

#### 47.1.17.32.3 ExchangeIdentification <Xchgld>

*Presence:* [0..1]

*Definition:* Unique identification of an exchange of messages between two parties.

*Datatype:* "Max35Text" on page 1864

#### 47.1.17.32.4 ReTransmissionCounter <ReTrnsmssnCnt>

*Presence:* [0..1]

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

*Datatype:* "Max3NumericText" on page 1864

#### 47.1.17.32.5 CreationDateTime <CreDtTm>

*Presence:* [1..1]

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

*Datatype:* "ISODateTime" on page 1854

#### 47.1.17.32.6 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 1190 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	CollectionIdentification <ColltnId>	[0..1]	Text		1190
	BatchIdentification <BtchId>	[1..1]	Text		1190
	MessageSequenceNumber <MsgSeqNb>	[0..1]	Text		1190
	MessageChecksumInputValue <MsgChcksmInptVal>	[0..1]	Binary		1190

#### 47.1.17.32.7 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 1630 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1630
	Type <Tp>	[0..1]	CodeSet		1630
	OtherType <OthrTp>	[0..1]	Text		1631
	Assigner <Assgnr>	[0..1]	CodeSet		1631
	Country <Ctry>	[0..1]	CodeSet		1631
	ShortName <ShrtNm>	[0..1]	Text		1631

#### 47.1.17.32.8 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 1630 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1630
	Type <Tp>	[0..1]	CodeSet		1630
	OtherType <OthrTp>	[0..1]	Text		1631
	Assigner <Assgnr>	[0..1]	CodeSet		1631
	Country <Ctry>	[0..1]	CodeSet		1631
	ShortName <ShrtNm>	[0..1]	Text		1631

#### 47.1.17.32.9 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 elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.17.32.10 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 "[Traceability10](#)" on page 1619 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1619
	Type <Tp>	[0..1]	CodeSet		1619
	OtherType <OthrTp>	[0..1]	Text		1620
	Assigner <Assgnr>	[0..1]	CodeSet		1620
	Country <Ctry>	[0..1]	CodeSet		1620
	ShortName <ShrtNm>	[0..1]	Text		1620
	DateTimeIn <DtTmIn>	[0..1]	DateTime		1620
	DateTimeOut <DtTmOut>	[0..1]	DateTime		1620

## 47.1.18 Monitoring

### 47.1.18.1 Traceability10

*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
	Identification <Id>	[1..1]	Text		1619
	Type <Tp>	[0..1]	CodeSet		1619
	OtherType <OthrTp>	[0..1]	Text		1620
	Assigner <Assgnr>	[0..1]	CodeSet		1620
	Country <Ctry>	[0..1]	CodeSet		1620
	ShortName <ShrtNm>	[0..1]	Text		1620
	DateTimeIn <DtTmIn>	[0..1]	DateTime		1620
	DateTimeOut <DtTmOut>	[0..1]	DateTime		1620

#### 47.1.18.1.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.18.1.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "PartyType17Code" on page 1831

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.

CodeName	Name	Definition
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

#### 47.1.18.1.3 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of identification.

*Datatype:* "Max35Text" on page 1864

#### 47.1.18.1.4 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Entity type in charge of assigning an identification.

*Datatype:* "PartyType18Code" on page 1832

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.

#### 47.1.18.1.5 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.18.1.6 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.18.1.7 DateTimeIn <DtTmIn>

*Presence:* [0..1]

*Definition:* Date and time of incoming data exchange for relaying or processing.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.18.1.8 DateTimeOut <DtTmOut>

*Presence:* [0..1]



*Definition:* Date and time of the outgoing exchange for relaying or processing.

*Datatype:* "ISODateTime" on page 1854

## 47.1.19 Organisation Identification

### 47.1.19.1 PartyIdentification286

*Definition:* Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1621
	Assigner <Assgnr>	[0..1]	Text		1621
	Country <Ctry>	[0..1]	CodeSet		1621
	ShortName <ShrtNm>	[0..1]	Text		1621
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1621
	AdditionalIdentification <AddtlId>	[0..*]	±		1622
	LocalData <LclData>	[0..1]	±		1622

#### 47.1.19.1.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the party.

*Datatype:* "Max11NumericText" on page 1860

#### 47.1.19.1.2 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Entity in charge of assigning an identification to a party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.1.3 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the party.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 47.1.19.1.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.1.5 LegalCorporateName <LglCorpNm>

*Presence:* [0..1]

*Definition:* Legal Corporate Name of the party

*Datatype:* "Max99Text" on page 1868

#### 47.1.19.1.6 AdditionalIdentification <AddtIld>

*Presence:* [0..\*]

*Definition:* Additional identification of the party.

**AdditionalIdentification <AddtIld>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.19.1.7 LocalData <LclData>

*Presence:* [0..1]

*Definition:* Contains local language equivalent(s) of data in the current component.

**LocalData <LclData>** contains the following elements (see "LocalData14" on page 1526 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1526
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1526
	ShortName <ShrtNm>	[0..1]	Text		1526
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1526
	AdditionalData <AddtIldData>	[0..*]	±		1526

#### 47.1.19.2 PartyIdentification287

*Definition:* Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	FinancialInstitution <FI>	[0..1]	±		1623
	Identification <Id>	[0..1]	Text		1624
	Designation <Dsgnt>	[0..1]	Text		1624
	Credentials <Crdntls>	[0..*]	±		1624
	Name <Nm>	[0..1]	±		1625
	Address <Adr>	[0..1]	±		1625
	Contact <Ctct>	[0..1]			1626
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629
	Nationality <Ntlty>	[0..1]	CodeSet		1629
	CountryOfBirth <CtryOfBirth>	[0..1]	CodeSet		1629
	DateOfBirth <DtOfBirth>	[0..1]	Date		1629
	AdditionalData <AddtlData>	[0..*]	±		1629
	LocalData <LclData>	[0..1]	±		1629

#### 47.1.19.2.1 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 "[FinancialInstitution8](#)" on page 1459 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1459
	Name <Nm>	[0..1]	Text		1460
	Address <Adr>	[0..1]	±		1460
	Email <Email>	[0..1]	Text		1460
	URL <URL>	[0..1]	Text		1460
	Phone <Phne>	[0..1]	Text		1460
	CustomerService <CstmrSvc>	[0..1]	Text		1461
	AdditionalContact <AddtlCtct>	[0..1]	Text		1461
	LocalData <LclData>	[0..1]	±		1461

#### 47.1.19.2.2 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the customer assigned by a party.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.19.2.3 Designation <Dsgnt>

*Presence:* [0..1]

*Definition:* Identifies the specific customer when multiple customers are associated with the same account.

*Datatype:* "[Max2NumericText](#)" on page 1863

#### 47.1.19.2.4 Credentials <Crdntls>

*Presence:* [0..\*]

*Definition:* Credentials of the financial customer.

**Credentials <Crntls>** contains the following elements (see "[Credentials3](#)" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1675
	OtherType <OthrTp>	[0..1]	Text		1675
	SubType <SubTp>	[0..1]	Text		1675
	Value <Val>	[1..1]	Text		1675
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1676
	Assigner <Assgnr>	[0..1]			1676
	Country <Ctry>	[0..1]	CodeSet		1676
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1676
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1676
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1676
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1676
	Name <Nm>	[0..1]	Text		1677

#### 47.1.19.2.5 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the financial customer.

**Name <Nm>** contains the following elements (see "[CardholderName3](#)" on page 1657 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1657
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1658

#### 47.1.19.2.6 Address <Adr>

*Presence:* [0..1]

*Definition:* Address of the financial customer.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.19.2.7 Contact <Ctct>

*Presence:* [0..1]

*Definition:* Detail contact information of the customer.

**Contact <Ctct>** contains the following **ContactPersonal1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1627
	GivenName <GvnNm>	[0..1]	Text		1627
	MiddleName <MddlNm>	[0..1]	Text		1627
	LastName <LastNm>	[0..1]	Text		1627
	HomePhone <HomePhne>	[0..1]	Text		1628
	BusinessPhone <BizPhne>	[0..1]	Text		1628
	MobilePhone <MobPhne>	[0..1]	Text		1628
	OtherPhone <OthrPhne>	[0..1]	Text		1628
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1628
	BusinessEmail <BizEmail>	[0..1]	Text		1628
	OtherEmail <OthrEmail>	[0..1]	Text		1628
	HomeFax <HomeFax>	[0..1]	Text		1628
	BusinessFax <BizFax>	[0..1]	Text		1628
	URL <URL>	[0..1]	Text		1629
	Language <Lang>	[0..1]	CodeSet		1629

#### 47.1.19.2.7.1 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 1867

#### 47.1.19.2.7.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.2.7.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.2.7.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.2.7.5 HomePhone <HomePhne>**

*Presence:* [0..1]

*Definition:* Home phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.19.2.7.6 BusinessPhone <BizPhne>**

*Presence:* [0..1]

*Definition:* Business phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.19.2.7.7 MobilePhone <MobPhne>**

*Presence:* [0..1]

*Definition:* Mobile phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.19.2.7.8 OtherPhone <OthrPhne>**

*Presence:* [0..1]

*Definition:* Other phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.19.2.7.9 PersonalEmail <PrsnlEmail>**

*Presence:* [0..1]

*Definition:* Personal email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.19.2.7.10 BusinessEmail <BizEmail>**

*Presence:* [0..1]

*Definition:* Business email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.19.2.7.11 OtherEmail <OthrEmail>**

*Presence:* [0..1]

*Definition:* Other email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.19.2.7.12 HomeFax <HomeFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.19.2.7.13 BusinessFax <BizFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.



*Datatype:* "PhoneNumber" on page 1868

**47.1.19.2.7.14 URL <URL>**

*Presence:* [0..1]  
*Definition:* Universal Resource Locator (URL) address.  
*Datatype:* "Max256Text" on page 1863

**47.1.19.2.7.15 Language <Lang>**

*Presence:* [0..1]  
*Definition:* Language of the contact.  
*Datatype:* "ISO2ALanguageCode" on page 1820

**47.1.19.2.8 Nationality <Ntlty>**

*Presence:* [0..1]  
*Definition:* Nationality information (ISO 3166-1 alpha-2 or alpha-3)  
*Datatype:* "ISOMax3ACountryCode" on page 1822

**47.1.19.2.9 CountryOfBirth <CtryOfBirth>**

*Presence:* [0..1]  
*Definition:* Country of Birth information (ISO 3166-1 alpha-2 or alpha-3)  
*Datatype:* "ISOMax3ACountryCode" on page 1822

**47.1.19.2.10 DateOfBirth <DtOfBirth>**

*Presence:* [0..1]  
*Definition:* Date of birth of the party.  
*Datatype:* "ISODate" on page 1854

**47.1.19.2.11 AdditionalData <AddtlData>**

*Presence:* [0..\*]  
*Definition:* Additional information related to the customer.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.19.2.12 LocalData <LclData>**

*Presence:* [0..1]  
*Definition:* Contains text fields in the local language.

**LocalData <LclData>** contains the following elements (see "[LocalData15](#)" on page 1524 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1524
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1524
	Name <Nm>	[0..1]	±		1525
	Address <Adr>	[0..1]	±		1525
	AdditionalData <AddtlData>	[0..*]	±		1525

### 47.1.19.3 GenericIdentification183

*Definition:* Identification of an entity.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1630
	Type <Tp>	[0..1]	CodeSet		1630
	OtherType <OthrTp>	[0..1]	Text		1631
	Assigner <Assgnr>	[0..1]	CodeSet		1631
	Country <Ctry>	[0..1]	CodeSet		1631
	ShortName <ShrtNm>	[0..1]	Text		1631

#### 47.1.19.3.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the entity.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.19.3.2 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of identified entity.

*Datatype:* "[PartyType17Code](#)" on page 1831

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.

CodeName	Name	Definition
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.

#### 47.1.19.3.3 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of identification.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.3.4 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Entity type in charge of assigning an identification.

*Datatype:* "PartyType18Code" on page 1832

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.

#### 47.1.19.3.5 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the entity (ISO 3166-1 alpha-2 or alpha-3).

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.19.3.6 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Name of the entity.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.4 SponsoredMerchant3

*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]	Text		1632
	Assigner <Assgnr>	[0..1]	Text		1632
	Country <Ctry>	[0..1]	CodeSet		1632
	ShortName <ShrtNm>	[0..1]	Text		1632
	AdditionalIdentification <AddtlId>	[0..*]	±		1632
	Foreign <Frgr>	[0..1]	Indicator		1633
	CommonName <CmonNm>	[0..1]	Text		1633
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1633
	Address <Adr>	[0..1]	±		1633
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1634
	GeographicLocation <GeogcLctn>	[0..1]	Text		1634
	AdditionalData <AddtlData>	[0..*]	±		1634
	LocalData <LclData>	[0..*]	±		1634

#### 47.1.19.4.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.4.2 Assigner <Assgnr>

*Presence:* [0..1]

*Definition:* Entity in charge of assigning an identification to a party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.4.3 Country <Ctry>

*Presence:* [0..1]

*Definition:* Country of the party.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 47.1.19.4.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.4.5 AdditionalIdentification <AddtlId>

*Presence:* [0..\*]

*Definition:* Additional identification of the party.

**AdditionalIdentification <AddtId>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.19.4.6 Foreign <Frgn>**

*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 1854):

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

**47.1.19.4.7 CommonName <CmonNm>**

*Presence:* [0..1]

*Definition:* Contains the full name of the sponsored merchant.

*Datatype:* "Max140Text" on page 1860

**47.1.19.4.8 LegalCorporateName <LglCorpNm>**

*Presence:* [0..1]

*Definition:* Legal Corporate Name of the sponsored merchant.

*Datatype:* "Max99Text" on page 1868

**47.1.19.4.9 Address <Adr>**

*Presence:* [0..1]

*Definition:* Address of the sponsored merchant.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.19.4.10 AdditionalAddress <AddtlAdr>

*Presence:* [0..1]

*Definition:* Additional information used when card acceptor street address is insufficient.

*Datatype:* "Max256Text" on page 1863

#### 47.1.19.4.11 GeographicLocation <GeogcLctn>

*Presence:* [0..1]

*Definition:* Location of the acceptor in latitude/longitude decimal degrees.

*Datatype:* "GeographicPointInDecimalDegrees" on page 1858

#### 47.1.19.4.12 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional sponsored merchant data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.19.4.13 LocalData <LclData>

*Presence:* [0..\*]

*Definition:* Contains local language equivalent(s) of data in the current component.

**LocalData <LclData>** contains the following elements (see "LocalData12" on page 1528 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1528
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1529
	ShortName <ShrtNm>	[0..1]	Text		1529
	CommonName <CmonNm>	[0..1]	Text		1529
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1529
	Address <Adr>	[0..1]	±		1529
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1530
	AdditionalData <AddtlData>	[0..*]	±		1530

#### 47.1.19.5 PartyIdentification284

*Definition:* Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1636
	Assigner <Assgnr>	[0..1]	Text		1637
	Country <Ctry>	[0..1]	CodeSet		1637
	ShortName <ShrtNm>	[0..1]	Text		1637
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1637
	AdditionalIdentification <AddtlId>	[0..1]	±		1637
	NameAndLocation <NmAndLctn>	[0..1]	Text		1637
	Address <Ad>	[0..1]	±		1637
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1638
	GeographicLocation <GeogcLctn>	[0..1]	Text		1638
	Email <Email>	[0..1]	Text		1638
	URLAddress <URLAdr>	[0..1]	Text		1638
	PhoneNumber <PhneNb>	[0..1]	Text		1638
	CustomerService <CstmrSvc>	[0..1]	Text		1639
	AdditionalContact <AddtlCtct>	[0..1]	Text		1639
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1639
	LocalData <LclData>	[0..1]	±		1639
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1639
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1639
	BusinessType <BizTp>	[0..1]	Text		1640
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1640
	OwnerType <OwnrTp>	[0..1]	Text		1640
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1640
	CertificationType <CertfctnTp>	[0..1]	Text		1640
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1640
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1640
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1641
	AdditionalData <AddtlData>	[0..*]	±		1641

#### 47.1.19.5.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the acceptor.



Datatype: "Max35Text" on page 1864

47.1.19.5.2 Assigner <Assgnr>

Presence: [0..1]  
Definition: Identification of the entity assigning an identification to the acceptor.  
Datatype: "Max35Text" on page 1864

47.1.19.5.3 Country <Ctry>

Presence: [0..1]  
Definition: Country code of the acceptor.  
Datatype: "ISO3NumericCountryCode" on page 1820

47.1.19.5.4 ShortName <ShrtNm>

Presence: [0..1]  
Definition: Short name of the acceptor.  
Datatype: "Max35Text" on page 1864

47.1.19.5.5 LegalCorporateName <LglCorpNm>

Presence: [0..1]  
Definition: Legal Corporate Name of the party  
Datatype: "Max99Text" on page 1868

47.1.19.5.6 AdditionalIdentification <AddtIld>

Presence: [0..1]  
Definition: Additional identification assigned by an agent to an acceptor.

**AdditionalIdentification <AddtIld>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.19.5.7 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 1868

47.1.19.5.8 Address <Adr>

Presence: [0..1]  
Definition: Address of the entity.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.19.5.9 AdditionalAddress <AddtlAdr>

*Presence:* [0..1]

*Definition:* Additional information used when card acceptor street address is insufficient.

*Datatype:* "Max256Text" on page 1863

#### 47.1.19.5.10 GeographicLocation <GeogcLctn>

*Presence:* [0..1]

*Definition:* Location of the acceptor in latitude/longitude decimal degrees.

*Datatype:* "GeographicPointInDecimalDegrees" on page 1858

#### 47.1.19.5.11 Email <Email>

*Presence:* [0..1]

*Definition:* Electronic mail address.

*Datatype:* "Max256Text" on page 1863

#### 47.1.19.5.12 URLAddress <URLAdr>

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### 47.1.19.5.13 PhoneNumber <PhneNb>

*Presence:* [0..1]

*Definition:* Collection of information that identifies a phone number as defined by telecom services.

*Datatype:* "Max35Text" on page 1864

**47.1.19.5.14 CustomerService <CstmrSvc>***Presence:* [0..1]*Definition:* Phone number of the customer service.*Datatype:* "Max35Text" on page 1864**47.1.19.5.15 AdditionalContact <AddtlCtct>***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 1863**47.1.19.5.16 TaxRegistrationIdentification <TaxRegnId>***Presence:* [0..1]*Definition:* Identification of a party by its tax registration number.*Datatype:* "Max35Text" on page 1864**47.1.19.5.17 LocalData <LclData>***Presence:* [0..1]*Definition:* Contains local language equivalent(s) of data in the current component.**LocalData <LclData>** contains the following elements (see "LocalData11" on page 1530 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1530
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1530
	ShortName <ShrtNm>	[0..1]	Text		1531
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1531
	NameAndLocation <NmAndLctn>	[0..1]	Text		1531
	Address <Adr>	[0..1]	±		1531
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1531
	AdditionalContact <AddtlCtct>	[0..1]	Text		1531
	AdditionalData <AddtlData>	[0..*]	±		1532

**47.1.19.5.18 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 1864**47.1.19.5.19 CorporateTaxIdentificationType <CorpTaxIdTp>***Presence:* [0..1]

*Definition:* Indicates the corporate tax identification type.

*Datatype:* "CorporateTaxType1Code" on page 1808

CodeName	Name	Definition
SMBS	SmallBusiness	Small Business
OTHR	Other	Other
CORP	Corporate	Corporate

#### **47.1.19.5.20 BusinessType <BizTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.5.21 BusinessTypeProvidedBy <BizTpPrvddBy>**

*Presence:* [0..1]

*Definition:* Party that provided the type information.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.5.22 OwnerType <OwnrTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.5.23 OwnerTypeProvidedBy <OwnrTpPrvddBy>**

*Presence:* [0..1]

*Definition:* Party that provided the type information.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.5.24 CertificationType <CertfctnTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.5.25 CertificationTypeProvidedBy <CertfctnTpPrvddBy>**

*Presence:* [0..1]

*Definition:* Party that provided the type information.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.5.26 OwnerEthnicityType <OwnrEthnctyTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

**47.1.19.5.27 OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>***Presence:* [0..1]*Definition:* Party that provided the type information.*Datatype:* "Max35Text" on page 1864**47.1.19.5.28 AdditionalData <AddtlData>***Presence:* [0..\*]*Definition:* Contains additional data.**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.19.6 PartyIdentification285***Definition:* Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1641
	Assigner <Assgnr>	[0..1]	Text		1641
	Country <Ctry>	[0..1]	CodeSet		1641
	ShortName <ShrtNm>	[0..1]	Text		1642
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1642
	AdditionalIdentification <AddtlId>	[0..*]	±		1642
	LocalData <LclData>	[0..*]	±		1642

**47.1.19.6.1 Identification <Id>***Presence:* [1..1]*Definition:* Identification of the party.*Datatype:* "Max35Text" on page 1864**47.1.19.6.2 Assigner <Assgnr>***Presence:* [0..1]*Definition:* Entity in charge of assigning an identification to a party.*Datatype:* "Max35Text" on page 1864**47.1.19.6.3 Country <Ctry>***Presence:* [0..1]

*Definition:* Country of the party.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 47.1.19.6.4 ShortName <ShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.6.5 LegalCorporateName <LglCorpNm>

*Presence:* [0..1]

*Definition:* Legal Corporate Name of the party

*Datatype:* "Max99Text" on page 1868

#### 47.1.19.6.6 AdditionalIdentification <AddtIld>

*Presence:* [0..\*]

*Definition:* Additional identification of the party.

**AdditionalIdentification <AddtIld>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.19.6.7 LocalData <LclData>

*Presence:* [0..\*]

*Definition:* Contains local language equivalent(s) of data in the current component.

**LocalData <LclData>** contains the following elements (see "LocalData14" on page 1526 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1526
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1526
	ShortName <ShrtNm>	[0..1]	Text		1526
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1526
	AdditionalData <AddtIldData>	[0..*]	±		1526

#### 47.1.19.7 PartyIdentification288

*Definition:* Identification of a party.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1643
	Assigner <Assgnr>	[0..1]	Text		1644
	ShortName <ShrtNm>	[0..1]	Text		1644
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1644
	AdditionalIdentification <AddtlId>	[0..*]	±		1644
	NameAndLocation <NmAndLctn>	[1..1]	Text		1644
	Address <Adr>	[0..1]	±		1644
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1645
	GeographicLocation <GeogcLctn>	[0..1]	Text		1645
	Email <Email>	[0..1]	Text		1645
	URL <URL>	[0..1]	Text		1645
	Phone <Phne>	[0..1]	Text		1645
	CustomerService <CstmrSvc>	[0..1]	Text		1646
	AdditionalContact <AddtlCtct>	[0..1]	Text		1646
	TaxRegistrationIdentification <TaxRegnId>	[0..1]	Text		1646
	LocalData <LclData>	[0..*]	±		1646
	SponsoredMerchant <SpnsrdMrchnt>	[0..*]	±		1646
	AdditionalTransactionReferenceNumber <AddtlTxRefNb>	[0..1]	Text		1647
	CorporateTaxIdentification <CorpTaxId>	[0..1]	Text		1647
	CorporateTaxIdentificationType <CorpTaxIdTp>	[0..1]	CodeSet		1647
	BusinessType <BizTp>	[0..1]	Text		1648
	BusinessTypeProvidedBy <BizTpPrvddBy>	[0..1]	Text		1648
	OwnerType <OwnrTp>	[0..1]	Text		1648
	OwnerTypeProvidedBy <OwnrTpPrvddBy>	[0..1]	Text		1648
	CertificationType <CertfctnTp>	[0..1]	Text		1648
	CertificationTypeProvidedBy <CertfctnTpPrvddBy>	[0..1]	Text		1648
	OwnerEthnicityType <OwnrEthnctyTp>	[0..1]	Text		1648
	OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>	[0..1]	Text		1648
	AdditionalData <AddtlData>	[0..*]	±		1648

#### 47.1.19.7.1 Identification <Id>

Presence: [1..1]

*Definition:* Identification of the acceptor.

*Datatype:* "Max35Text" on page 1864

**47.1.19.7.2 Assigner <Assgnr>**

*Presence:* [0..1]

*Definition:* Identification of the entity assigning an identification to the acceptor.

*Datatype:* "Max35Text" on page 1864

**47.1.19.7.3 ShortName <ShrtNm>**

*Presence:* [0..1]

*Definition:* Short name of the acceptor.

*Datatype:* "Max35Text" on page 1864

**47.1.19.7.4 LegalCorporateName <LglCorpNm>**

*Presence:* [0..1]

*Definition:* Legal Corporate Name of the party.

*Datatype:* "Max99Text" on page 1868

**47.1.19.7.5 AdditionalIdentification <AddtIld>**

*Presence:* [0..\*]

*Definition:* Additional identification assigned by an agent to an acceptor.

**AdditionalIdentification <AddtIld>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.19.7.6 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 1868

**47.1.19.7.7 Address <Adr>**

*Presence:* [0..1]

*Definition:* Address of the entity.



**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.19.7.8 AdditionalAddress <AddtlAdr>

*Presence:* [0..1]

*Definition:* Additional information used when card acceptor street address is insufficient.

*Datatype:* "Max256Text" on page 1863

#### 47.1.19.7.9 GeographicLocation <GeogcLctn>

*Presence:* [0..1]

*Definition:* Location of the acceptor in latitude/longitude decimal degrees.

*Datatype:* "GeographicPointInDecimalDegrees" on page 1858

#### 47.1.19.7.10 Email <Email>

*Presence:* [0..1]

*Definition:* Electronic mail address.

*Datatype:* "Max256Text" on page 1863

#### 47.1.19.7.11 URL <URL>

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### 47.1.19.7.12 Phone <Phne>

*Presence:* [0..1]

*Definition:* Collection of information that identifies a phone number as defined by telecom services.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.7.13 CustomerService <CstmrSvc>

*Presence:* [0..1]

*Definition:* Phone number of the customer service.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.7.14 AdditionalContact <AddtlCtct>

*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 1863

#### 47.1.19.7.15 TaxRegistrationIdentification <TaxRegnId>

*Presence:* [0..1]

*Definition:* Identification of a party by its tax registration number.

*Datatype:* "Max35Text" on page 1864

#### 47.1.19.7.16 LocalData <LclData>

*Presence:* [0..\*]

*Definition:* Contains local language equivalent(s) of data in the current component.

**LocalData <LclData>** contains the following elements (see "LocalData11" on page 1530 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1530
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1530
	ShortName <ShrtNm>	[0..1]	Text		1531
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1531
	NameAndLocation <NmAndLctn>	[0..1]	Text		1531
	Address <Adr>	[0..1]	±		1531
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1531
	AdditionalContact <AddtlCtct>	[0..1]	Text		1531
	AdditionalData <AddtlData>	[0..*]	±		1532

#### 47.1.19.7.17 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 "[SponsoredMerchant3](#)" on page 1631 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1632
	Assigner <Assgnr>	[0..1]	Text		1632
	Country <Ctry>	[0..1]	CodeSet		1632
	ShortName <ShrtNm>	[0..1]	Text		1632
	AdditionalIdentification <AddtlId>	[0..*]	±		1632
	Foreign <Frqn>	[0..1]	Indicator		1633
	CommonName <CmonNm>	[0..1]	Text		1633
	LegalCorporateName <LglCorpNm>	[0..1]	Text		1633
	Address <Adr>	[0..1]	±		1633
	AdditionalAddress <AddtlAdr>	[0..1]	Text		1634
	GeographicLocation <GeogcLctn>	[0..1]	Text		1634
	AdditionalData <AddtlData>	[0..*]	±		1634
	LocalData <LclData>	[0..*]	±		1634

#### 47.1.19.7.18 AdditionalTransactionReferenceNumber <AddtlTxRefNb>

*Presence:* [0..1]

*Definition:* Contains a code that facilitates card acceptor/corporation communication and record keeping.

*Datatype:* "[Max70Text](#)" on page 1867

#### 47.1.19.7.19 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 1864

#### 47.1.19.7.20 CorporateTaxIdentificationType <CorpTaxIdTp>

*Presence:* [0..1]

*Definition:* Indicates the corporate tax identification type.

*Datatype:* "[CorporateTaxType1Code](#)" on page 1808

CodeName	Name	Definition
SMBS	SmallBusiness	Small Business
OTHR	Other	Other
CORP	Corporate	Corporate

#### **47.1.19.7.21 BusinessType <BizTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.22 BusinessTypeProvidedBy <BizTpPrvddBy>**

*Presence:* [0..1]

*Definition:* Party that provided the type information.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.23 OwnerType <OwnrTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.24 OwnerTypeProvidedBy <OwnrTpPrvddBy>**

*Presence:* [0..1]

*Definition:* Party that provided the type information.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.25 CertificationType <CertfctnTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.26 CertificationTypeProvidedBy <CertfctnTpPrvddBy>**

*Presence:* [0..1]

*Definition:* Party that provided the type information.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.27 OwnerEthnicityType <OwnrEthnctyTp>**

*Presence:* [0..1]

*Definition:* Specific type of business.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.28 OwnerEthnicityTypeProvidedBy <OwnrEthnctyTpPrvddBy>**

*Presence:* [0..1]

*Definition:* Party that provided the type information.

*Datatype:* "Max35Text" on page 1864

#### **47.1.19.7.29 AdditionalData <AddtlData>**

*Presence:* [0..\*]

*Definition:* Contains additional data.

**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 47.1.20 Party Identification

### 47.1.20.1 Cardholder22

*Definition:* Detailed information about the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	±		1650
	Identification <Id>	[0..*]	±		1651
	Address <Adr>	[0..1]	±		1651
	ContactInformation <CtctInf>	[0..1]			1652
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655
	DateOfBirth <DtOfBirth>	[0..1]	Date		1655
	HighValue <HghVal>	[0..1]	Indicator		1655
	AdditionalData <AddtlData>	[0..*]	±		1655
	LocalData <LclData>	[0..1]	±		1655

#### 47.1.20.1.1 Name <Nm>

*Presence:* [0..1]

*Definition:* Contains the registered cardholder name that issuer knows to be correct.

**Name <Nm>** contains the following elements (see "CardholderName3" on page 1657 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1657
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1658

#### 47.1.20.1.2 Identification <Id>

*Presence:* [0..\*]

*Definition:* Identification of the cardholder.

**Identification <Id>** contains the following elements (see "Credentials3" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1675
	OtherType <OthrTp>	[0..1]	Text		1675
	SubType <SubTp>	[0..1]	Text		1675
	Value <Val>	[1..1]	Text		1675
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1676
	Assigner <Assgnr>	[0..1]			1676
	Country <Ctry>	[0..1]	CodeSet		1676
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1676
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1676
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1676
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1676
	Name <Nm>	[0..1]	Text		1677

#### 47.1.20.1.3 Address <Adr>

*Presence:* [0..1]

*Definition:* Complete address of the cardholder.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.20.1.4 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 **ContactPersonal1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1653
	GivenName <GvnNm>	[0..1]	Text		1653
	MiddleName <MddlNm>	[0..1]	Text		1653
	LastName <LastNm>	[0..1]	Text		1653
	HomePhone <HomePhne>	[0..1]	Text		1654
	BusinessPhone <BizPhne>	[0..1]	Text		1654
	MobilePhone <MobPhne>	[0..1]	Text		1654
	OtherPhone <OthrPhne>	[0..1]	Text		1654
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1654
	BusinessEmail <BizEmail>	[0..1]	Text		1654
	OtherEmail <OthrEmail>	[0..1]	Text		1654
	HomeFax <HomeFax>	[0..1]	Text		1654
	BusinessFax <BizFax>	[0..1]	Text		1654
	URL <URL>	[0..1]	Text		1655
	Language <Lang>	[0..1]	CodeSet		1655

#### 47.1.20.1.4.1 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 1867

#### 47.1.20.1.4.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.20.1.4.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.20.1.4.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### **47.1.20.1.4.5 HomePhone <HomePhne>**

*Presence:* [0..1]

*Definition:* Home phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.20.1.4.6 BusinessPhone <BizPhne>**

*Presence:* [0..1]

*Definition:* Business phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.20.1.4.7 MobilePhone <MobPhne>**

*Presence:* [0..1]

*Definition:* Mobile phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.20.1.4.8 OtherPhone <OthrPhne>**

*Presence:* [0..1]

*Definition:* Other phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.20.1.4.9 PersonalEmail <PrsnlEmail>**

*Presence:* [0..1]

*Definition:* Personal email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.20.1.4.10 BusinessEmail <BizEmail>**

*Presence:* [0..1]

*Definition:* Business email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.20.1.4.11 OtherEmail <OthrEmail>**

*Presence:* [0..1]

*Definition:* Other email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.20.1.4.12 HomeFax <HomeFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.20.1.4.13 BusinessFax <BizFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

**47.1.20.1.4.14 URL <URL>**

*Presence:* [0..1]  
*Definition:* Universal Resource Locator (URL) address.  
*Datatype:* "Max256Text" on page 1863

**47.1.20.1.4.15 Language <Lang>**

*Presence:* [0..1]  
*Definition:* Language of the contact.  
*Datatype:* "ISO2ALanguageCode" on page 1820

**47.1.20.1.5 DateOfBirth <DtOfBirth>**

*Presence:* [0..1]  
*Definition:* Date of birth of the party.  
*Datatype:* "ISODate" on page 1854

**47.1.20.1.6 HighValue <HghVal>**

*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 1854):

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

**47.1.20.1.7 AdditionalData <AddtlData>**

*Presence:* [0..\*]  
*Definition:* Additional cardholder data.  
**AdditionalData <AddtlData>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.20.1.8 LocalData <LclData>**

*Presence:* [0..1]  
*Definition:* Contains text fields in the local language.

**LocalData <LclData>** contains the following elements (see "[LocalData13](#)" on page 1527 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Language <Lang>	[1..1]	CodeSet		1527
	EncodingFormat <NcodgFrmt>	[0..1]	Text		1527
	Name <Nm>	[0..1]	±		1527
	Address <Adr>	[0..1]	±		1527
	AdditionalData <AddtlData>	[0..*]	±		1528

#### 47.1.20.2 CertificateIssuer1

*Definition:* Certificate issuer name (see X.509).

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	RelativeDistinguishedName <RltvDstngshdNm>	[1..*]	±		1656

##### 47.1.20.2.1 RelativeDistinguishedName <RltvDstngshdNm>

*Presence:* [1..\*]

*Definition:* Relative distinguished name inside a X.509 certificate.

**RelativeDistinguishedName <RltvDstngshdNm>** contains the following elements (see "[RelativeDistinguishedName1](#)" on page 1482 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AttributeType <AttrTp>	[1..1]	CodeSet		1482
	AttributeValue <AttrVal>	[1..1]	Text		1483

#### 47.1.20.3 CardholderName2

*Definition:* Name of the cardholder in the local language.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1656
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddlNm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1657

##### 47.1.20.3.1 Name <Nm>

*Presence:* [0..1]

*Definition:* Local language equivalent of the name of the cardholder.

*Datatype:* "[Max140Text](#)" on page 1860

47.1.20.3.2 GivenName <GvnNm>

Presence: [0..1]

Definition: Local language equivalent of the first name of the cardholder.

Datatype: "Max70Text" on page 1867

47.1.20.3.3 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 1867

47.1.20.3.4 LastName <LastNm>

Presence: [0..1]

Definition: Local language equivalent of the last name or surname of the cardholder.

Datatype: "Max70Text" on page 1867

47.1.20.4 CardholderName3

Definition: Complete name of the cardholder.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1657
	GivenName <GvnNm>	[0..1]	Text		1657
	MiddleName <MddINm>	[0..1]	Text		1657
	LastName <LastNm>	[0..1]	Text		1658

47.1.20.4.1 Name <Nm>

Presence: [0..1]

Definition: Name of the cardholder, which is usually the full name.

Datatype: "Max70Text" on page 1867

47.1.20.4.2 GivenName <GvnNm>

Presence: [0..1]

Definition: First name of the cardholder.

Datatype: "Max35Text" on page 1864

47.1.20.4.3 MiddleName <MddINm>

Presence: [0..1]

Definition: Middle name or initials present in the name of a person.

Datatype: "Max35Text" on page 1864

**47.1.20.4.4 LastName <LastNm>***Presence:* [0..1]*Definition:* Family name of the cardholder.*Datatype:* "Max35Text" on page 1864**47.1.21 Person Identification****47.1.21.1 Customer9***Definition:* Details of the customer

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1658
	Identification <Id>	[0..1]	±		1659
	CustomerFileReferenceNumber <CstmrFileRefNb>	[0..1]	Text		1659
	Age <Age>	[0..1]	Text		1659
	Address <Adr>	[0..1]	±		1659
	Contact <Ctct>	[0..1]			1660
	Name <Nm>	[0..1]	Text		1661
	GivenName <GvnNm>	[0..1]	Text		1661
	MiddleName <MddlNm>	[0..1]	Text		1661
	LastName <LastNm>	[0..1]	Text		1661
	HomePhone <HomePhne>	[0..1]	Text		1662
	BusinessPhone <BizPhne>	[0..1]	Text		1662
	MobilePhone <MobPhne>	[0..1]	Text		1662
	OtherPhone <OthrPhne>	[0..1]	Text		1662
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1662
	BusinessEmail <BizEmail>	[0..1]	Text		1662
	OtherEmail <OthrEmail>	[0..1]	Text		1662
	HomeFax <HomeFax>	[0..1]	Text		1662
	BusinessFax <BizFax>	[0..1]	Text		1662
	URL <URL>	[0..1]	Text		1663
	Language <Lang>	[0..1]	CodeSet		1663

**47.1.21.1.1 Name <Nm>***Presence:* [0..1]*Definition:* Name of the customer.

Datatype: "Max70Text" on page 1867

#### 47.1.21.1.2 Identification <Id>

Presence: [0..1]

Definition: Details of the party identification.

Identification <Id> contains the following elements (see "Credentials3" on page 1675 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1675
	OtherType <OthrTp>	[0..1]	Text		1675
	SubType <SubTp>	[0..1]	Text		1675
	Value <Val>	[1..1]	Text		1675
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1676
	Assigner <Assgnr>	[0..1]			1676
	Country <Ctry>	[0..1]	CodeSet		1676
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1676
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1676
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1676
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1676
	Name <Nm>	[0..1]	Text		1677

#### 47.1.21.1.3 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 1867

#### 47.1.21.1.4 Age <Age>

Presence: [0..1]

Definition: Age of the customer.

Datatype: "Max2NumericText" on page 1863

#### 47.1.21.1.5 Address <Adr>

Presence: [0..1]

Definition: Address details of the customer.

**Address <Adr>** contains the following elements (see "Address2" on page 1151 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AddressLine1 <AdrLine1>	[0..1]	Text		1152
	AddressLine2 <AdrLine2>	[0..1]	Text		1152
	StreetName <StrtNm>	[0..1]	Text		1152
	BuildingNumber <BldgNb>	[0..1]	Text		1152
	PostalCode <PstlCd>	[0..1]	Text		1152
	TownName <TwnNm>	[0..1]	Text		1153
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1153
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1153
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1153
	Country <Ctry>	[0..1]	CodeSet		1153

#### 47.1.21.1.6 Contact <Ctct>

*Presence:* [0..1]

*Definition:* Contact information related to the customer.



**Contact <Ctct>** contains the following **ContactPersonal1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1661
	GivenName <GvnNm>	[0..1]	Text		1661
	MiddleName <MddlNm>	[0..1]	Text		1661
	LastName <LastNm>	[0..1]	Text		1661
	HomePhone <HomePhne>	[0..1]	Text		1662
	BusinessPhone <BizPhne>	[0..1]	Text		1662
	MobilePhone <MobPhne>	[0..1]	Text		1662
	OtherPhone <OthrPhne>	[0..1]	Text		1662
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1662
	BusinessEmail <BizEmail>	[0..1]	Text		1662
	OtherEmail <OthrEmail>	[0..1]	Text		1662
	HomeFax <HomeFax>	[0..1]	Text		1662
	BusinessFax <BizFax>	[0..1]	Text		1662
	URL <URL>	[0..1]	Text		1663
	Language <Lang>	[0..1]	CodeSet		1663

#### 47.1.21.1.6.1 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 1867

#### 47.1.21.1.6.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.21.1.6.3 MiddleName <MddlNm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.21.1.6.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

*Datatype:* "Max35Text" on page 1864

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#### **47.1.21.1.6.5 HomePhone <HomePhne>**

*Presence:* [0..1]

*Definition:* Home phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.21.1.6.6 BusinessPhone <BizPhne>**

*Presence:* [0..1]

*Definition:* Business phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.21.1.6.7 MobilePhone <MobPhne>**

*Presence:* [0..1]

*Definition:* Mobile phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.21.1.6.8 OtherPhone <OthrPhne>**

*Presence:* [0..1]

*Definition:* Other phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.21.1.6.9 PersonalEmail <PrsnlEmail>**

*Presence:* [0..1]

*Definition:* Personal email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.21.1.6.10 BusinessEmail <BizEmail>**

*Presence:* [0..1]

*Definition:* Business email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.21.1.6.11 OtherEmail <OthrEmail>**

*Presence:* [0..1]

*Definition:* Other email address of contact.

*Datatype:* "Max256Text" on page 1863

#### **47.1.21.1.6.12 HomeFax <HomeFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.21.1.6.13 BusinessFax <BizFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

Datatype: ["PhoneNumber" on page 1868](#)

47.1.21.1.6.14 URL <URL>

Presence: [0..1]  
Definition: Universal Resource Locator (URL) address.  
Datatype: ["Max256Text" on page 1863](#)

47.1.21.1.6.15 Language <Lang>

Presence: [0..1]  
Definition: Language of the contact.  
Datatype: ["ISO2ALanguageCode" on page 1820](#)

47.1.21.2 PINData1

Definition: Attributes of a cardholder PIN.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1663
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1663
	DerivedInformation <DrvdInf>	[0..1]	Text		1664
	Algorithm <Algo>	[0..1]	Text		1664
	KeyLength <KeyLngth>	[0..1]	Text		1664
	KeyProtection <KeyPrtcn>	[0..1]	Text		1664
	KeyIndex <KeyIndx>	[0..1]	Text		1664
	PINBlockFormat <PINBlckFrmt>	[1..1]	Text		1665
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	Text		1665

47.1.21.2.1 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 1857](#)

47.1.21.2.2 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 1867

#### **47.1.21.2.3 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 1863

#### **47.1.21.2.4 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 1863

#### **47.1.21.2.5 KeyLength <KeyLngth>**

*Presence:* [0..1]

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

ISO 13492

*Datatype:* "Max4NumericText" on page 1865

#### **47.1.21.2.6 KeyProtection <KeyPrctn>**

*Presence:* [0..1]

*Definition:* Mechanism used to provide key confidentiality and integrity.

ISO 13492

*Datatype:* "Max2NumericText" on page 1863

#### **47.1.21.2.7 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 1866

#### 47.1.21.2.8 PINBlockFormat <PINBlckFrmt>

*Presence:* [1..1]

*Definition:* As defined in ISO 9564-1.

*Datatype:* "Max2NumericText" on page 1863

#### 47.1.21.2.9 EncryptedPINBlock <NcrptdPINBlck>

*Presence:* [1..1]

*Definition:* As defined in ISO 9564-1.

Binary, length of 8 or 16

*Datatype:* "Max16HexBinaryText" on page 1861

### 47.1.21.3 Customer4

*Definition:* Information related to a consumer or a company.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1665
	ReferenceNumber <RefNb>	[0..1]	Text		1665
	TaxRegistrationIdentification <TaxRegnId>	[0..*]	Text		1666
	AuthorisedContactCompany <AuthrsdCtctCpny>	[0..1]	Text		1666
	AuthorisedContactName <AuthrsdCtctNm>	[0..1]	Text		1666
	AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>	[0..1]	Text		1666
	VIPIndicator <VIPInd>	[0..1]	Indicator		1666
	CustomerRelationship <CstmrRltsh>	[0..1]	Text		1666

#### 47.1.21.3.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of customer.

*Datatype:* "CustomerType2Code" on page 1809

CodeName	Name	Definition
CSMR	Consumer	Consumer
CPNY	Company	Company

#### 47.1.21.3.2 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 1864

#### **47.1.21.3.3 TaxRegistrationIdentification <TaxRegnId>**

*Presence:* [0..\*]

*Definition:* Identification of the customer recognized by the taxation authority.

*Datatype:* "Max70Text" on page 1867

#### **47.1.21.3.4 AuthorisedContactCompany <AuthrsdCtctCpny>**

*Presence:* [0..1]

*Definition:* Contact at the company.

*Datatype:* "Max70Text" on page 1867

#### **47.1.21.3.5 AuthorisedContactName <AuthrsdCtctNm>**

*Presence:* [0..1]

*Definition:* Corporate individual or company (cardholder or their company) to be contacted for authorised purchases.

*Datatype:* "Max70Text" on page 1867

#### **47.1.21.3.6 AuthorisedContactPhoneNumber <AuthrsdCtctPhneNb>**

*Presence:* [0..1]

*Definition:* Phone number of an individual or company contacted for company authorised purchases.

*Datatype:* "PhoneNumber" on page 1868

#### **47.1.21.3.7 VIPIndicator <VIPInd>**

*Presence:* [0..1]

*Definition:* Very Important Person indicator.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.21.3.8 CustomerRelationship <CstmrRltsh>**

*Presence:* [0..1]

*Definition:* Customer relationship identifier.

*Datatype:* "Max35Text" on page 1864

## **47.1.22 POI Component**

### **47.1.22.1 Terminal9**

*Definition:* Payment terminal or ATM performing the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[0..1]	Text		1668
	AdditionalIdentification <AddtlId>	[0..*]	±		1668
	Type <Tp>	[0..1]	CodeSet		1668
	OtherType <OthrTp>	[0..1]	Text		1668
	ReadingCapability <RdngCpblty>	[0..*]	±		1668
	WritingCapability <WrtgCpblty>	[0..*]	±		1669
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1669
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1669
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1669
	ApprovalCodeLength <ApprvICdLngh>	[0..1]	Quantity		1670
	MaxScriptLength <MxScrpLngh>	[0..1]	Quantity		1670
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1670
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1670
	MessageCapability <MsgCpblty>	[0..*]			1670
	Destination <Dstn>	[1..1]	CodeSet		1671
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1671
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1671
	LineWidth <LineWidth>	[0..1]	Quantity		1671
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1672
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1672
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1672
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1672
	GeographicLocation <GeogcLctn>	[0..1]	Text		1673
	Outdoor <Outdr>	[0..1]	Indicator		1673
	OffPremises <OffPrmiss>	[0..1]	Indicator		1673
	OnBoard <OnBrd>	[0..1]	Indicator		1673
	SerialNumber <SrlNb>	[0..1]	Text		1673
	Software <Sftwr>	[0..*]			1674
	Type <Tp>	[0..1]	CodeSet		1674
	OtherType <OthrTp>	[0..1]	Text		1674
	SubType <SubTp>	[0..1]	Text		1674

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Text		1674
	CertificationIdentification <CertfctnId>	[0..1]	Text		1674

#### 47.1.22.1.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the terminal.

*Datatype:* "Max16Text" on page 1861

#### 47.1.22.1.2 AdditionalIdentification <AddtId>

*Presence:* [0..\*]

*Definition:* Additional identification assigned by an agent to an acceptor.

**AdditionalIdentification <AddtId>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.22.1.3 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of terminal.

*Datatype:* "TerminalType1Code" on page 1846

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.

#### 47.1.22.1.4 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of terminal.

*Datatype:* "Max35Text" on page 1864

#### 47.1.22.1.5 ReadingCapability <RdngCpbilty>

*Presence:* [0..\*]

*Definition:* Card reading capability of the terminal performing the transaction.



**ReadingCapability <RdngCpblty>** contains the following elements (see "[CardReadingCapabilities1](#)" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1678
	OtherCapability <OthrCpblty>	[0..1]	Text		1678

#### 47.1.22.1.6 WritingCapability <WrtgCpblty>

*Presence:* [0..\*]

*Definition:* Card writing or output capabilities of the terminal performing the transaction.

**WritingCapability <WrtgCpblty>** contains the following elements (see "[CardWritingCapabilities1](#)" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1677
	OtherCapability <OthrCpblty>	[0..1]	Text		1677

#### 47.1.22.1.7 PINLengthCapability <PINLnghCpblty>

*Presence:* [0..1]

*Definition:* Maximum number of digits that the Point of Interaction is able to accept when the cardholder enters its PIN.

*Datatype:* "[Number](#)" on page 1856

#### 47.1.22.1.8 PINEntrySecurityCharacteristic <PINNtrySctyChrtc>

*Presence:* [0..1]

*Definition:* Security characteristic of the PIN Entry device solution.

*Datatype:* "[PINEntrySecurityCharacteristic1Code](#)" on page 1836

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.

#### 47.1.22.1.9 OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>

*Presence:* [0..1]

*Definition:* Other privately or nationally assigned code.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.22.1.10 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 1856

#### 47.1.22.1.11 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 1856

#### 47.1.22.1.12 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 1854):

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

#### 47.1.22.1.13 OnLineCapability <OnLineCpblty>

*Presence:* [0..1]

*Definition:* Capability of the terminal to go online.

*Datatype:* "OnLineCapability2Code" on page 1830

CodeName	Name	Definition
OFLN	OffLine	Off-line only capable.
ONLN	OnLine	On-line only capable.
BOTH	BothOnLineAndOffLine	Both online and offline

#### 47.1.22.1.14 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		1671
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1671
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1671
	LineWidth <LineWidth>	[0..1]	Quantity		1671
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1672

#### 47.1.22.1.14.1 Destination <Dstn>

*Presence:* [1..1]

*Definition:* Destination of the message to present.

*Datatype:* "UserInterface1Code" on page 1852

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.

#### 47.1.22.1.14.2 AvailableFormat <AvlblFrmt>

*Presence:* [0..\*]

*Definition:* Available message format.

*Datatype:* "OutputFormat1Code" on page 1830

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.

#### 47.1.22.1.14.3 NumberOfLines <NbOfLines>

*Presence:* [0..1]

*Definition:* Number of lines of the display.

*Datatype:* "Number" on page 1856

#### 47.1.22.1.14.4 LineWidth <LineWidth>

*Presence:* [0..1]

*Definition:* Number of columns of the display or printer.

*Datatype:* "Number" on page 1856

47.1.22.1.14.5 AvailableLanguage <AvlblLang>

*Presence:* [0..\*]

*Definition:* Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* C3 "ValidationByTable"

*Datatype:* "LanguageCode" on page 1823

Constraints

- **ValidationByTable**  
Must be a valid terrestrial language.

47.1.22.1.15 CardholderVerificationCapability <CrdhldrVrfctnCpblty>

*Presence:* [0..\*]

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

**CardholderVerificationCapability <CrdhldrVrfctnCpblty>** contains the following elements (see "CardholderVerificationCapabilities1" on page 1678 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1679
	OtherCapability <OthrCpblty>	[0..1]	Text		1679

47.1.22.1.16 TemporarySecureStorage <TempScrStorg>

*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 1854):

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

47.1.22.1.17 IntegrationType <IntgtnTp>

*Presence:* [0..1]

*Definition:* Type of terminal integration at a point of service location.

*Datatype:* "TerminalIntegrationCategory1Code" on page 1846

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.

#### 47.1.22.1.18 GeographicLocation <GeogcLctn>

*Presence:* [0..1]

*Definition:* Geographic location of the terminal.

*Datatype:* "GeographicPointInDecimalDegrees" on page 1858

#### 47.1.22.1.19 Outdoor <Outdr>

*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 1854):

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

#### 47.1.22.1.20 OffPremises <OffPrmiss>

*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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### 47.1.22.1.21 OnBoard <OnBrd>

*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 1854):

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

#### 47.1.22.1.22 SerialNumber <SrInb>

*Presence:* [0..1]

*Definition:* Serial number identifying an occurrence of an hardware component.

*Datatype:* "Max35Text" on page 1864

**47.1.22.1.23 Software <Sftwr>**

*Presence:* [0..\*]

*Definition:* Terminal software information.

**Software <Sftwr>** contains the following **Software1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1674
	OtherType <OthrTp>	[0..1]	Text		1674
	SubType <SubTp>	[0..1]	Text		1674
	Version <Vrsn>	[0..1]	Text		1674

**47.1.22.1.23.1 Type <Tp>**

*Presence:* [0..1]

*Definition:* Software type code

*Datatype:* "SoftwareType1Code" on page 1844

CodeName	Name	Definition
MFFW	ManufacturerFirmware	Manufacturer Firmware.
MFSW	ManufacturerSoftware	Manufacturer Software.
APSW	ApplicationSoftware	Application Software.
OTHP	OtherPrivate	Private code.
OTHN	OtherNational	National code.

**47.1.22.1.23.2 OtherType <OthrTp>**

*Presence:* [0..1]

*Definition:* Other software type

*Datatype:* "Max35Text" on page 1864

**47.1.22.1.23.3 SubType <SubTp>**

*Presence:* [0..1]

*Definition:* Software Subtype

*Datatype:* "Max35Text" on page 1864

**47.1.22.1.23.4 Version <Vrsn>**

*Presence:* [0..1]

*Definition:* Software version

*Datatype:* "Max256Text" on page 1863

**47.1.22.1.24 CertificationIdentification <CertfctnId>**

*Presence:* [0..1]

*Definition:* Terminal certification identification.

Datatype: "Max256Text" on page 1863

### 47.1.22.2 Credentials3

Definition: Contains credential information.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1675
	OtherType <OthrTp>	[0..1]	Text		1675
	SubType <SubTp>	[0..1]	Text		1675
	Value <Val>	[1..1]	Text		1675
	ExpiryDate <XpryDt>	[0..1]	YearMonth		1676
	Assigner <Assgnr>	[0..1]			1676
	Country <Ctry>	[0..1]	CodeSet		1676
	CountrySubDivisionMajor <CtrySubDvsnMjr>	[0..1]	CodeSet		1676
	CountrySubDivisionMinor <CtrySubDvsnMnr>	[0..1]	CodeSet		1676
	CountrySubDivisionMajorName <CtrySubDvsnMjrNm>	[0..1]	Text		1676
	CountrySubDivisionMinorName <CtrySubDvsnMnrNm>	[0..1]	Text		1676
	Name <Nm>	[0..1]	Text		1677

#### 47.1.22.2.1 Type <Tp>

Presence: [1..1]

Definition: The type of credential.

Datatype: "ExternalAuthenticationMethod1Code" on page 1812

#### 47.1.22.2.2 OtherType <OthrTp>

Presence: [0..1]

Definition: Other type of credential.

Datatype: "Max35Text" on page 1864

#### 47.1.22.2.3 SubType <SubTp>

Presence: [0..1]

Definition: Sub type of credential.

Datatype: "Max35Text" on page 1864

#### 47.1.22.2.4 Value <Val>

Presence: [1..1]

Definition: Value of identification.

Datatype: "Max70Text" on page 1867

**47.1.22.2.5 ExpiryDate <XpryDt>**

*Presence:* [0..1]

*Definition:* Expiration date of the identification.

*Datatype:* "ISOYearMonth" on page 1869

**47.1.22.2.6 Assigner <Assgnr>**

*Presence:* [0..1]

*Definition:* Entity that assigns and manages this type of identification.

**Assigner <Assgnr>** contains the following **Authority1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Country <Ctry>	[0..1]	CodeSet		1676
	CountrySubDivisionMajor <CtrySubDvsnmjr>	[0..1]	CodeSet		1676
	CountrySubDivisionMinor <CtrySubDvsnmnr>	[0..1]	CodeSet		1676
	CountrySubDivisionMajorName <CtrySubDvsnmjrn>	[0..1]	Text		1676
	CountrySubDivisionMinorName <CtrySubDvsnmnrn>	[0..1]	Text		1676
	Name <Nm>	[0..1]	Text		1677

**47.1.22.2.6.1 Country <Ctry>**

*Presence:* [0..1]

*Definition:* Country code of the authority.

*Datatype:* "ISO3NumericCountryCode" on page 1820

**47.1.22.2.6.2 CountrySubDivisionMajor <CtrySubDvsnmjr>**

*Presence:* [0..1]

*Definition:* Code that identifies a major subdivision of a country, for instance state, province.

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

**47.1.22.2.6.3 CountrySubDivisionMinor <CtrySubDvsnmnr>**

*Presence:* [0..1]

*Definition:* Code that identifies a minor subdivision of a country, for instance county, prefecture.

*Datatype:* "ISOCountrySubDivisionCode" on page 1822

**47.1.22.2.6.4 CountrySubDivisionMajorName <CtrySubDvsnmjrn>**

*Presence:* [0..1]

*Definition:* Name of a major subdivision of a country, for instance county, prefecture.

*Datatype:* "Max50Text" on page 1866

**47.1.22.2.6.5 CountrySubDivisionMinorName <CtrySubDvsnmnrn>**

*Presence:* [0..1]



*Definition:* Name of a minor subdivision of a country, for instance county, prefecture.

*Datatype:* "Max50Text" on page 1866

#### 47.1.22.2.6.6 Name <Nm>

*Presence:* [0..1]

*Definition:* City name

*Datatype:* "Max50Text" on page 1866

### 47.1.22.3 CardWritingCapabilities1

*Definition:* Card writing capability of the terminal performing the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1677
	OtherCapability <OthrCpblty>	[0..1]	Text		1677

#### 47.1.22.3.1 Capability <Cpblty>

*Presence:* [1..1]

*Definition:* Card writing capability of the terminal performing the transaction.

*Datatype:* "CardDataWriting1Code" on page 1803

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MSIP	MSIPximity	Magstripe image contactless proximity
OTHN	OtherNational	Other national capability type assigned at national level.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.

#### 47.1.22.3.2 OtherCapability <OthrCpblty>

*Presence:* [0..1]

*Definition:* Other types of card data writing capabilities.

*Datatype:* "Max35Text" on page 1864

### 47.1.22.4 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		1678
	OtherCapability <OthrCpblty>	[0..1]	Text		1678

#### 47.1.22.4.1 Capability <Cpblty>

*Presence:* [1..1]

*Definition:* Card reading capability of the terminal performing the transaction.

*Datatype:* "CardDataReading10Code" on page 1801

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.

#### 47.1.22.4.2 OtherCapability <OthrCpblty>

*Presence:* [0..1]

*Definition:* Other types of card data reading capabilities.

*Datatype:* "Max35Text" on page 1864

#### 47.1.22.5 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		1679
	OtherCapability <OthrCpblty>	[0..1]	Text		1679

#### 47.1.22.5.1 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 1803

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.

#### 47.1.22.5.2 OtherCapability <OthrCpblty>

*Presence:* [0..1]

*Definition:* Other types of cardholder verification capabilities.

*Datatype:* "Max35Text" on page 1864

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#### **47.1.22.6 Terminal7**

*Definition:* Payment terminal or ATM performing the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1682
	AdditionalIdentification <AddtlId>	[0..*]	±		1682
	Type <Tp>	[0..1]	CodeSet		1682
	OtherType <OthrTp>	[0..1]	Text		1682
	ReadingCapability <RdngCpblty>	[0..*]	±		1682
	WritingCapability <WrtgCpblty>	[0..*]	±		1683
	PINLengthCapability <PINLnghCpblty>	[0..1]	Quantity		1683
	PINEntrySecurityCharacteristic <PINNtrySctyChrtc>	[0..1]	CodeSet		1683
	OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>	[0..1]	Text		1683
	ApprovalCodeLength <ApprvICdLngh>	[0..1]	Quantity		1684
	MaxScriptLength <MxScrptLngh>	[0..1]	Quantity		1684
	CardCaptureCapable <CardCaptrCpbl>	[0..1]	Indicator		1684
	OnLineCapability <OnLineCpblty>	[0..1]	CodeSet		1684
	MessageCapability <MsgCpblty>	[0..*]			1684
	Destination <Dstn>	[1..1]	CodeSet		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686
	CardholderVerificationCapability <CrdhldrVrfctnCpblty>	[0..*]	±		1686
	TemporarySecureStorage <TempScrStorg>	[0..1]	Indicator		1686
	IntegrationType <IntgtnTp>	[0..1]	CodeSet		1686
	GeographicLocation <GeogcLctn>	[0..1]	Text		1687
	Outdoor <Outdr>	[0..1]	Indicator		1687
	OffPremises <OffPrmiss>	[0..1]	Indicator		1687
	OnBoard <OnBrd>	[0..1]	Indicator		1687
	SerialNumber <SrlNb>	[0..1]	Text		1687
	Software <Sftwr>	[0..*]			1688
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688
	SubType <SubTp>	[0..1]	Text		1688

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Text		1688
	CertificationIdentification <CertfctnId>	[0..1]	Text		1688

#### 47.1.22.6.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the terminal.

*Datatype:* "Max16Text" on page 1861

#### 47.1.22.6.2 AdditionalIdentification <AddtId>

*Presence:* [0..\*]

*Definition:* Additional identification assigned by an agent to an acceptor.

**AdditionalIdentification <AddtId>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.22.6.3 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of terminal.

*Datatype:* "TerminalType1Code" on page 1846

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.

#### 47.1.22.6.4 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of terminal.

*Datatype:* "Max35Text" on page 1864

#### 47.1.22.6.5 ReadingCapability <RdngCpbilty>

*Presence:* [0..\*]

*Definition:* Card reading capability of the terminal performing the transaction.

**ReadingCapability <RdngCpblty>** contains the following elements (see "[CardReadingCapabilities1](#)" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1678
	OtherCapability <OthrCpblty>	[0..1]	Text		1678

#### 47.1.22.6.6 WritingCapability <WrtgCpblty>

*Presence:* [0..\*]

*Definition:* Card writing or output capabilities of the terminal performing the transaction.

**WritingCapability <WrtgCpblty>** contains the following elements (see "[CardWritingCapabilities1](#)" on page 1677 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1677
	OtherCapability <OthrCpblty>	[0..1]	Text		1677

#### 47.1.22.6.7 PINLengthCapability <PINLnghCpblty>

*Presence:* [0..1]

*Definition:* Maximum number of digits that the Point of Interaction is able to accept when the cardholder enters its PIN.

*Datatype:* "[Number](#)" on page 1856

#### 47.1.22.6.8 PINEntrySecurityCharacteristic <PINNtrySctyChrtc>

*Presence:* [0..1]

*Definition:* Security characteristic of the PIN Entry device solution.

*Datatype:* "[PINEntrySecurityCharacteristic1Code](#)" on page 1836

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.

#### 47.1.22.6.9 OtherPINEntrySecurityCharacteristic <OthrPINNtrySctyChrtc>

*Presence:* [0..1]

*Definition:* Other privately or nationally assigned code.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.22.6.10 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 1856

#### 47.1.22.6.11 MaxScriptLength <MxScrpLngth>

*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 1856

#### 47.1.22.6.12 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 1854):

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

#### 47.1.22.6.13 OnLineCapability <OnLineCpblty>

*Presence:* [0..1]

*Definition:* Capability of the terminal to go online.

*Datatype:* "OnLineCapability2Code" on page 1830

CodeName	Name	Definition
OFLN	OffLine	Off-line only capable.
ONLN	OnLine	On-line only capable.
BOTH	BothOnLineAndOffLine	Both online and offline

#### 47.1.22.6.14 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		1685
	AvailableFormat <AvlblFrmt>	[0..*]	CodeSet		1685
	NumberOfLines <NbOfLines>	[0..1]	Quantity		1685
	LineWidth <LineWidth>	[0..1]	Quantity		1685
	AvailableLanguage <AvlblLang>	[0..*]	CodeSet	C3	1686

#### 47.1.22.6.14.1 Destination <Dstn>

*Presence:* [1..1]

*Definition:* Destination of the message to present.

*Datatype:* "UserInterface1Code" on page 1852

CodeName	Name	Definition
CDSP	CardholderDisplay	Cardholder display or interface.
CRCP	CardholderReceipt	Cardholder receipt.
MDSP	MerchantDisplay	Merchant display or interface.
MRCP	MerchantReceipt	Merchant receipt.

#### 47.1.22.6.14.2 AvailableFormat <AvlblFrmt>

*Presence:* [0..\*]

*Definition:* Available message format.

*Datatype:* "OutputFormat1Code" on page 1830

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.

#### 47.1.22.6.14.3 NumberOfLines <NbOfLines>

*Presence:* [0..1]

*Definition:* Number of lines of the display.

*Datatype:* "Number" on page 1856

#### 47.1.22.6.14.4 LineWidth <LineWidth>

*Presence:* [0..1]

*Definition:* Number of columns of the display or printer.

*Datatype:* "Number" on page 1856

47.1.22.6.14.5 AvailableLanguage <AvlblLang>

*Presence:* [0..\*]

*Definition:* Available language for the message. Reference ISO 639-1 (alpha-2) et ISO 639-2 (alpha-3).

*Impacted by:* [C3 "ValidationByTable"](#)

*Datatype:* ["LanguageCode" on page 1823](#)

Constraints

- **ValidationByTable**  
Must be a valid terrestrial language.

47.1.22.6.15 CardholderVerificationCapability <CrdhldrVrfctnCpblty>

*Presence:* [0..\*]

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

**CardholderVerificationCapability <CrdhldrVrfctnCpblty>** contains the following elements (see ["CardholderVerificationCapabilities1" on page 1678](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Capability <Cpblty>	[1..1]	CodeSet		1679
	OtherCapability <OthrCpblty>	[0..1]	Text		1679

47.1.22.6.16 TemporarySecureStorage <TempScrStorg>

*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 1854](#)):

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

47.1.22.6.17 IntegrationType <IntgtnTp>

*Presence:* [0..1]

*Definition:* Type of terminal integration at a point of service location.

*Datatype:* ["TerminalIntegrationCategory1Code" on page 1846](#)

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.

#### **47.1.22.6.18 GeographicLocation <GeogcLctn>**

*Presence:* [0..1]

*Definition:* Geographic location of the terminal.

*Datatype:* "GeographicPointInDecimalDegrees" on page 1858

#### **47.1.22.6.19 Outdoor <Outdr>**

*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 1854):

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

#### **47.1.22.6.20 OffPremises <OffPrmiss>**

*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.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.22.6.21 OnBoard <OnBrd>**

*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 1854):

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

#### **47.1.22.6.22 SerialNumber <SrINb>**

*Presence:* [0..1]

*Definition:* Serial number identifying an occurrence of an hardware component.

*Datatype:* "Max35Text" on page 1864

**47.1.22.6.23 Software <Sftwr>**

*Presence:* [0..\*]

*Definition:* Terminal software information.

**Software <Sftwr>** contains the following **Software1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1688
	OtherType <OthrTp>	[0..1]	Text		1688
	SubType <SubTp>	[0..1]	Text		1688
	Version <Vrsn>	[0..1]	Text		1688

**47.1.22.6.23.1 Type <Tp>**

*Presence:* [0..1]

*Definition:* Software type code

*Datatype:* "SoftwareType1Code" on page 1844

CodeName	Name	Definition
MFFW	ManufacturerFirmware	Manufacturer Firmware.
MFSW	ManufacturerSoftware	Manufacturer Software.
APSW	ApplicationSoftware	Application Software.
OTHP	OtherPrivate	Private code.
OTHN	OtherNational	National code.

**47.1.22.6.23.2 OtherType <OthrTp>**

*Presence:* [0..1]

*Definition:* Other software type

*Datatype:* "Max35Text" on page 1864

**47.1.22.6.23.3 SubType <SubTp>**

*Presence:* [0..1]

*Definition:* Software Subtype

*Datatype:* "Max35Text" on page 1864

**47.1.22.6.23.4 Version <Vrsn>**

*Presence:* [0..1]

*Definition:* Software version

*Datatype:* "Max256Text" on page 1863

**47.1.22.6.24 CertificationIdentification <CertfctnId>**

*Presence:* [0..1]

*Definition:* Terminal certification identification.

*Datatype:* "Max256Text" on page 1863

### 47.1.22.7 Terminal8

*Definition:* Payment terminal or ATM performing the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Identification <Id>	[1..1]	Text		1689
	AdditionalIdentification <AddtId>	[0..*]	±		1689

#### 47.1.22.7.1 Identification <Id>

*Presence:* [1..1]

*Definition:* Identification of the terminal.

ISO 8583 bit 41

*Datatype:* "Max16Text" on page 1861

#### 47.1.22.7.2 AdditionalIdentification <AddtId>

*Presence:* [0..\*]

*Definition:* Additional identification assigned by an agent to an acceptor.

**AdditionalIdentification <AddtId>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 47.1.23 Rate

### 47.1.23.1 RentalRate2

*Definition:* Vehicle rental rate

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Period <Prd>	[0..1]	CodeSet		1689
	OtherPeriod <OthrPrd>	[0..1]	Text		1690
	Rate <Rate>	[0..1]	Amount		1690
	PeriodCount <PrdCnt>	[0..1]	Text		1690

#### 47.1.23.1.1 Period <Prd>

*Presence:* [0..1]

*Definition:* Unit of measure used to compute the rental rate.

*Datatype:* "PeriodUnit4Code" on page 1836

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
MINU	Minutes	Period unit expressed in minutes
HFDA	HalfDays	Half days
HOURL	Hours	Period unit expressed in hours.
OTHR	Other	Counted in some other unit.

#### 47.1.23.1.2 OtherPeriod <OthrPrd>

*Presence:* [0..1]

*Definition:* Other unit of measure used to compute the rental rate.

*Datatype:* "Max35Text" on page 1864

#### 47.1.23.1.3 Rate <Rate>

*Presence:* [0..1]

*Definition:* Rate applied to the vehicle rental for the specified period.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.23.1.4 PeriodCount <PrdCnt>

*Presence:* [0..1]

*Definition:* Duration of the period for which the rental rate is calculated.

*Datatype:* "Max4NumericText" on page 1865

### 47.1.23.2 RentalRate1

*Definition:* Vehicle rental rate

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Period <Prd>	[0..1]	CodeSet		1691
	OtherPeriod <OthrPrd>	[0..1]	Text		1691
	Rate <Rate>	[0..1]	Amount		1691
	PeriodCount <PrdCnt>	[0..1]	Text		1691

47.1.23.2.1 Period <Prd>

*Presence:* [0..1]  
*Definition:* Unit of measure used to compute the rental rate.  
*Datatype:* "PeriodUnit3Code" on page 1836

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

47.1.23.2.2 OtherPeriod <OthrPrd>

*Presence:* [0..1]  
*Definition:* Other unit of measure used to compute the rental rate.  
*Datatype:* "Max35Text" on page 1864

47.1.23.2.3 Rate <Rate>

*Presence:* [0..1]  
*Definition:* Rate applied to the vehicle rental for the specified period.  
*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

47.1.23.2.4 PeriodCount <PrdCnt>

*Presence:* [0..1]  
*Definition:* Duration of the period for which the rental rate is calculated.  
*Datatype:* "Max4NumericText" on page 1865

47.1.24 Reconciliation

47.1.24.1 Reconciliation4

*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		1692
	Date <Dt>	[0..1]	Date		1692
	CheckpointReference <ChckptRef>	[0..1]	Text		1692

#### 47.1.24.1.1 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of the reconciliation.

*Datatype:* "Max35Text" on page 1864

#### 47.1.24.1.2 Date <Dt>

*Presence:* [0..1]

*Definition:* Date of the reconciliation.

*Datatype:* "ISODate" on page 1854

#### 47.1.24.1.3 CheckpointReference <ChckptRef>

*Presence:* [0..1]

*Definition:* A value used to allow a period within a reconciliation date.

*Datatype:* "Max35Text" on page 1864

### 47.1.24.2 MessageReconciliation3

*Definition:* Contains message reconciliation data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1692
	OtherType <OthrTp>	[0..1]	Text		1693
	Count <Cnt>	[1..1]	Quantity		1694

#### 47.1.24.2.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Contains the reconciliation message type.

*Datatype:* "ReconciliationMessageType2Code" on page 1841

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



CodeName	Name	Definition
FINR	FinancialResponse	Financial Response
FINI	FinancialInitiation	Financial Initiation
FRDI	FraudDispositionInitiation	Fraud Disposition Initiation
FRDR	FraudDispositionResponse	Fraud Disposition Response
FRRi	FraudReportingInitiation	Fraud Reporting Initiation
FRRR	FraudReportingResponse	Fraud Reporting Response
INQI	InquiryInitiation	Inquiry Initiation
INQR	InquiryResponse	Inquiry Response
KYEI	KeyExchangeInitiation	Key Exchange Initiation
KYER	KeyExchangeResponse	Key Exchange Response
NWMI	NetworkManagementInitiation	Network Management Initiation.
NWMR	NetworkManagementResponse	Network Management Response
RECI	ReconciliationInitiation	Reconciliation Initiation
RECR	ReconciliationResponse	Reconciliation Response
RTFI	RetrievalFulfilmentInitiation	Retrieval Fulfilment Initiation
RTFR	RetrievalFulfilmentResponse	Retrieval Fulfilment Response
RTRI	RetrievalResponse	Retrieval Response
REVI	ReversalInitiation	Reversal Initiation
REVR	ReversalResponse	Reversal Response
SERI	SettlementReportingInitiation	Settlement Reporting Initiation
SERR	SettlementReportingResponse	Settlement Reporting Response
VERI	VerificationInitiation	Verification Initiation.
VERR	VerificationResponse	Verification Response
AMDT	Amendment	Amendment
ATHI	AuthorisationInitiation	Authorisation Initiation
ATHR	AuthorisationResponse	Authorisation Response
BAMI	BatchManagementInitiation	Batch Management Initiation
BAMR	BatchManagementResponse	Batch Management Response
BATI	BatchTransferInitiation	Batch Transfer Initiation
ADDI	AddendumInitiation	Addendum initiation
ADDR	AddendumResponse	Addendum response
RTVI	RetrievalInitiation	Retrieval Initiation Message

#### 47.1.24.2.2 OtherType <OthrTp>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

#### 47.1.24.2.3 Count <Cnt>

*Presence:* [1..1]

*Definition:* Number of transactions.

*Datatype:* "Number" on page 1856

#### 47.1.24.3 AdditionalFeeReconciliation3

*Definition:* Contains additional fee reconciliation data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Impact <Impct>	[1..1]	CodeSet		1694
	Type <Tp>	[1..1]	CodeSet		1694
	OtherType <OthrTp>	[0..1]	Text		1695
	Amount <Amt>	[1..1]	Amount		1695
	Count <Cnt>	[1..1]	Quantity		1695

##### 47.1.24.3.1 Impact <Impct>

*Presence:* [1..1]

*Definition:* Reconciliation credit or debit indicator.

*Datatype:* "ReconciliationImpact1Code" on page 1841

CodeName	Name	Definition
DEBT	Debit	Debit category
CRDT	Credit	Credit category

##### 47.1.24.3.2 Type <Tp>

*Presence:* [1..1]

*Definition:* contains the list of additional fee types.

*Datatype:* "TypeOfAmount21Code" on page 1848

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.

#### 47.1.24.3.3 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other amount type defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.24.3.4 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 1783

#### 47.1.24.3.5 Count <Cnt>

*Presence:* [1..1]

*Definition:* Number of transactions.

*Datatype:* "Number" on page 1856

### 47.1.24.4 FinancialReconciliation3

*Definition:* Contains financial reconciliation data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Impact <Impct>	[1..1]	CodeSet		1695
	Type <Tp>	[1..1]	CodeSet		1696
	OtherType <OthrTp>	[0..1]	Text		1696
	Amount <Amt>	[1..1]	Amount		1696
	Count <Cnt>	[1..1]	Quantity		1696

#### 47.1.24.4.1 Impact <Impct>

*Presence:* [1..1]

*Definition:* Reconciliation credit or debit indicator.

*Datatype:* "ReconciliationImpact1Code" on page 1841

CodeName	Name	Definition
DEBT	Debit	Debit category

CodeName	Name	Definition
CRDT	Credit	Credit category

#### 47.1.24.4.2 Type <Tp>

*Presence:* [1..1]

*Definition:* Contains the reconciliation category.

*Datatype:* "ReconciliationCategory1Code" on page 1841

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.

#### 47.1.24.4.3 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other reconciliation category defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.24.4.4 Amount <Amt>

*Presence:* [1..1]

*Definition:* Cumulative amount of all financial transactions.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.24.4.5 Count <Cnt>

*Presence:* [1..1]

*Definition:* Number of transactions.

*Datatype:* "Number" on page 1856

## 47.1.25 Reference Data

### 47.1.25.1 OriginalDataElements4

*Definition:* Data elements contained in the original message.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MessageClass <MsgClss>	[0..1]	CodeSet		1697
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1697
	AcquirerIdentification <Acqrrld>	[0..1]	Text		1698
	SenderIdIdentification <Sndrld>	[0..1]	Text		1698
	TransactionType <TxTp>	[0..1]	CodeSet		1698
	TransactionIdentification <Txld>	[0..1]	±		1698
	ResponseCode <RspnCd>	[0..1]	CodeSet		1699

#### 47.1.25.1.1 MessageClass <MsgClss>

*Presence:* [0..1]

*Definition:* Message class of the original message.

*Datatype:* "MessageClass1Code" on page 1826

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.

#### 47.1.25.1.2 MessageFunction <MsgFctn>

*Presence:* [0..1]

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

*Datatype:* "MessageFunction16Code" on page 1828

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).

CodeName	Name	Definition
REQU	Request	Message function is a request.

#### 47.1.25.1.3 AcquirerIdentification <AcqrrId>

*Presence:* [0..1]

*Definition:* Code identifying the acquirer of the original message.

*Datatype:* "Max11NumericText" on page 1860

#### 47.1.25.1.4 SenderIdentification <SndrId>

*Presence:* [0..1]

*Definition:* Code identifying the sender of the original message.

*Datatype:* "Max11NumericText" on page 1860

#### 47.1.25.1.5 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction associated with the main service.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822

#### 47.1.25.1.6 TransactionIdentification <TxId>

*Presence:* [0..1]

*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "OriginalTransactionIdentification1" on page 1714 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1715
	LocalTime <LclTm>	[0..1]	Time		1715
	TimeZone <TmZone>	[0..1]	Text		1715
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1716
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1716
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1716
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1716
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		1717
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1717
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1717
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1717
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1717
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1717
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1717
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1718
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1718
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1718
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1718
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1718

#### 47.1.25.1.7 ResponseCode <RspnCd>

*Presence:* [0..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 1822

#### 47.1.25.2 TransactionIdentification53

*Definition:* Identification of the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1700
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1701
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1701
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1701
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1701
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1701
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1701
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1702
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1702
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1702
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1702
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1702
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1702
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1702
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1703
	AssociatedDataReference <AssocdDataRef>	[0..1]	Text		1703

#### 47.1.25.2.1 PurchaseIdentifierType <PurchsldrTp>

*Presence:* [0..1]

*Definition:* Specifies the type of identifier present in the message.

*Datatype:* "PurchaseIdentifierType2Code" on page 1839

CodeName	Name	Definition
OTHN	OtherNational	Other Purchase Identifier defined at a national level.
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
SUIN	SupplierInvoice	Supplier Invoice
RELO	RecordLocator	Record Locator
INNU	InvoiceNumber	Invoice Number
PUID	PurchaseIdentification	Purchase Identification
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
TINU	TicketNumber	Ticket Number
SUOR	SupplierOrder	Supplier Order



CodeName	Name	Definition
CONU	ContractNumber	Contract Number
FONU	FolioNumber	Folio Number
PRNU	PaymentReferenceNumber	Payment Reference Number
ORNU	OrderNumber	Order Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
REAG	RentalAgreement	Rental Agreement
TRNU	TrackingNumber	Tracking Number
TREF	TransactionReference	Transaction Reference Number

#### 47.1.25.2.2 OtherPurchasIdentifierType <OthrPurchsldrTp>

*Presence:* [0..1]

*Definition:* Used when Purchase Identifier Type is Other National or Other Private.

*Datatype:* "Max35Text" on page 1864

#### 47.1.25.2.3 PurchasIdentifier <Purchsldr>

*Presence:* [0..1]

*Definition:* Contains a value identifying Invoice Data or Purchase Request Data.

*Datatype:* "Max99Text" on page 1868

#### 47.1.25.2.4 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.25.2.5 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).

*Datatype:* "Max12NumericText" on page 1860

#### 47.1.25.2.6 RetrievalReferenceNumber <RtrvlRefNb>

*Presence:* [0..1]

*Definition:* Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

*Datatype:* "Exact12Text" on page 1857

#### 47.1.25.2.7 LifeCycleSupport <LifeCyclSpprt>

*Presence:* [0..1]

*Definition:* Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

*Datatype:* "LifeCycleSupport1Code" on page 1824

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

#### 47.1.25.2.8 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

#### 47.1.25.2.9 AuthorisationSequenceNumber <AuthstnSeqNb>

*Presence:* [0..1]

*Definition:* Contains authorisation sequence number. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### 47.1.25.2.10 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. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### 47.1.25.2.11 PresentmentSequenceCount <PresntmntSeqCnt>

*Presence:* [0..1]

*Definition:* Expected maximum number of presentments for this transaction. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### 47.1.25.2.12 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. This is related transaction lifecycle data.

*Datatype:* "Max35Text" on page 1864

#### 47.1.25.2.13 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 1860

#### 47.1.25.2.14 AcquirerReferenceNumber <AcqrrRefNb>

*Presence:* [0..1]

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*Definition:* Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

*Datatype:* "Max23NumericText" on page 1863

#### **47.1.25.2.15 IssuerReferenceData <IssrRefData>**

*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.

*Datatype:* "Max1000Text" on page 1858

#### **47.1.25.2.16 AssociatedDataReference <AssoctdDataRef>**

*Presence:* [0..1]

*Definition:* Reference to additional transaction details to be conveyed separately from this message.

*Datatype:* "Max70Text" on page 1867

#### **47.1.25.3 TransactionIdentification57**

*Definition:* Identification of the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1704
	LocalTime <LclTm>	[0..1]	Time		1704
	TimeZone <TmZone>	[0..1]	Text		1705
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1705
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1705
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1706
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1706
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1706
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1706
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1706
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1706
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1706
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1707
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1707
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1707
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1707
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1707
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1707
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1707
	AssociatedData <AssoctdData>	[0..1]	Indicator		1707
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		1708
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		1708

#### 47.1.25.3.1 LocalDate <LclDt>

*Presence:* [0..1]

*Definition:* Local date the transaction takes place at the card acceptor location.

*Datatype:* "ISODate" on page 1854

#### 47.1.25.3.2 LocalTime <LclTm>

*Presence:* [0..1]

*Definition:* Local time the transaction takes place at the card acceptor location.

*Datatype:* "ISOTime" on page 1869

### 47.1.25.3.3 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 1867

### 47.1.25.3.4 PurchasIdentifierType <PurchsldrTp>

*Presence:* [0..1]

*Definition:* Specifies the type of identifier present in the message.

*Datatype:* "PurchasIdentifierType2Code" on page 1839

CodeName	Name	Definition
OTHN	OtherNational	Other Purchase Identifier defined at a national level.
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
SUIN	SupplierInvoice	Supplier Invoice
RELO	RecordLocator	Record Locator
INNU	InvoiceNumber	Invoice Number
PUID	PurchasIdentification	Purchase Identification
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
TINU	TicketNumber	Ticket Number
SUOR	SupplierOrder	Supplier Order
CONU	ContractNumber	Contract Number
FONU	FolioNumber	Folio Number
PRNU	PaymentReferenceNumber	Payment Reference Number
ORNU	OrderNumber	Order Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
REAG	RentalAgreement	Rental Agreement
TRNU	TrackingNumber	Tracking Number
TREF	TransactionReference	Transaction Reference Number

### 47.1.25.3.5 OtherPurchasIdentifierType <OthrPurchsldrTp>

*Presence:* [0..1]

*Definition:* Used when Purchase Identifier Type is Other National or Other Private.

*Datatype:* "Max35Text" on page 1864

#### 47.1.25.3.6 PurchaseIdentifier <Purchsldr>

*Presence:* [0..1]

*Definition:* Contains a value identifying Invoice Data or Purchase Request Data.

*Datatype:* "Max99Text" on page 1868

#### 47.1.25.3.7 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.25.3.8 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).

*Datatype:* "Max12NumericText" on page 1860

#### 47.1.25.3.9 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.

*Datatype:* "Exact12Text" on page 1857

#### 47.1.25.3.10 LifeCycleSupport <LifeCyclSpprt>

*Presence:* [0..1]

*Definition:* Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

*Datatype:* "LifeCycleSupport1Code" on page 1824

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

#### 47.1.25.3.11 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

#### 47.1.25.3.12 AuthorisationSequenceNumber <AuthstnSeqNb>

*Presence:* [0..1]

*Definition:* Contains authorisation sequence number. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.3.13 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. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.3.14 PresentmentSequenceCount <PresntmntSeqCnt>**

*Presence:* [0..1]

*Definition:* Expected maximum number of presentments for this transaction. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.3.15 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. This is related transaction lifecycle data.

*Datatype:* "Max35Text" on page 1864

#### **47.1.25.3.16 LifeCycleIdentificationMissing <LifeCyclIdMssng>**

*Presence:* [0..1]

*Definition:* Reason for not providing a lifecycle trace identification information.

*Datatype:* "Max70Text" on page 1867

#### **47.1.25.3.17 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 1860

#### **47.1.25.3.18 AcquirerReferenceNumber <AcqrrRefNb>**

*Presence:* [0..1]

*Definition:* Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

*Datatype:* "Max23NumericText" on page 1863

#### **47.1.25.3.19 IssuerReferenceData <IssrRefData>**

*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.

*Datatype:* "Max1000Text" on page 1858

#### **47.1.25.3.20 AssociatedData <AssoctdData>**

*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 1854):

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

**47.1.25.3.21 AssociatedDataReference <AssoctdDataRef>**

*Presence:* [0..1]

*Definition:* Reference to additional transaction details to be conveyed separately from this message.

*Datatype:* "Max70Text" on page 1867

**47.1.25.3.22 AssociatedDataDestination <AssoctdDataDstn>**

*Presence:* [0..1]

*Definition:* Destination value to be used in the subsequent addendum message.

*Datatype:* "Max35Text" on page 1864

**47.1.25.4 TransactionIdentification56**

*Definition:* Identification of the transaction for network management.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1708
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1709
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1709
	TransmissionDateTime <TrnsmssnDtTm>	[1..1]	DateTime		1709
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1709
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1710
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1710
	AssociatedData <AssoctdData>	[0..1]	Indicator		1710
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		1710
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		1710

**47.1.25.4.1 PurchaseIdentifierType <PurchsldrTp>**

*Presence:* [0..1]

*Definition:* Specifies the type of identifier present in the message.

*Datatype:* "PurchaseIdentifierType2Code" on page 1839

CodeName	Name	Definition
OTHN	OtherNational	Other Purchase Identifier defined at a national level.



CodeName	Name	Definition
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
SUIN	SupplierInvoice	Supplier Invoice
RELO	RecordLocator	Record Locator
INNU	InvoiceNumber	Invoice Number
PUID	PurchaseIdentification	Purchase Identification
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
TINU	TicketNumber	Ticket Number
SUOR	SupplierOrder	Supplier Order
CONU	ContractNumber	Contract Number
FONU	FolioNumber	Folio Number
PRNU	PaymentReferenceNumber	Payment Reference Number
ORNU	OrderNumber	Order Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
REAG	RentalAgreement	Rental Agreement
TRNU	TrackingNumber	Tracking Number
TREF	TransactionReference	Transaction Reference Number

#### 47.1.25.4.2 OtherPurchaseIdentifierType <OthrPurchsldrTp>

*Presence:* [0..1]

*Definition:* Used when Purchase Identifier Type is Other National or Other Private.

*Datatype:* "Max35Text" on page 1864

#### 47.1.25.4.3 PurchaseIdentifier <Purchsldr>

*Presence:* [0..1]

*Definition:* Contains a value identifying Invoice Data or Purchase Request Data.

*Datatype:* "Max99Text" on page 1868

#### 47.1.25.4.4 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 1854

#### 47.1.25.4.5 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 1860

#### **47.1.25.4.6 RetrievalReferenceNumber <RtrvIRefNb>**

*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 1857

#### **47.1.25.4.7 LifeCycleIdentification <LifeCyclId>**

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

#### **47.1.25.4.8 AssociatedData <AssoctdData>**

*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 1854):

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

#### **47.1.25.4.9 AssociatedDataReference <AssoctdDataRef>**

*Presence:* [0..1]

*Definition:* Reference to additional transaction details to be conveyed separately from this message.

*Datatype:* "Max70Text" on page 1867

#### **47.1.25.4.10 AssociatedDataDestination <AssoctdDataDstn>**

*Presence:* [0..1]

*Definition:* Destination value to be used in the subsequent addendum message.

*Datatype:* "Max35Text" on page 1864

### **47.1.25.5 TransactionIdentification54**

*Definition:* Identification of the transaction for network management.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1711
	LocalTime <LclTm>	[0..1]	Time		1711
	TimeZone <TmZone>	[0..1]	Text		1711
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1712
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1712
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1712
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1712
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1713
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1713
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1713
	LifeCycleIdentification <LifeCyclld>	[0..1]	Text		1713
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1713
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1713
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1713
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1714
	LifeCycleIdentificationMissing <LifeCyclldMssng>	[0..1]	Text		1714
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1714
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1714
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1714

#### 47.1.25.5.1 LocalDate <LclDt>

*Presence:* [0..1]

*Definition:* Local date the transaction takes place at the card acceptor location.

*Datatype:* "ISODate" on page 1854

#### 47.1.25.5.2 LocalTime <LclTm>

*Presence:* [0..1]

*Definition:* Local time the transaction takes place at the card acceptor location.

*Datatype:* "ISOTime" on page 1869

#### 47.1.25.5.3 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 1867

#### 47.1.25.5.4 PurchaseIdentifierType <PurchsldrTp>

*Presence:* [0..1]

*Definition:* Specifies the type of identifier present in the message.

*Datatype:* "PurchaseIdentifierType2Code" on page 1839

CodeName	Name	Definition
OTHN	OtherNational	Other Purchase Identifier defined at a national level.
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
SUIN	SupplierInvoice	Supplier Invoice
RELO	RecordLocator	Record Locator
INNU	InvoiceNumber	Invoice Number
PUID	PurchaseIdentification	Purchase Identification
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
TINU	TicketNumber	Ticket Number
SUOR	SupplierOrder	Supplier Order
CONU	ContractNumber	Contract Number
FONU	FolioNumber	Folio Number
PRNU	PaymentReferenceNumber	Payment Reference Number
ORNU	OrderNumber	Order Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
REAG	RentalAgreement	Rental Agreement
TRNU	TrackingNumber	Tracking Number
TREF	TransactionReference	Transaction Reference Number

#### 47.1.25.5.5 OtherPurchaseIdentifierType <OthrPurchsldrTp>

*Presence:* [0..1]

*Definition:* Used when Purchase Identifier Type is Other National or Other Private.

*Datatype:* "Max35Text" on page 1864

#### 47.1.25.5.6 PurchaseIdentifier <Purchsldr>

*Presence:* [0..1]

*Definition:* Contains a value identifying Invoice Data or Purchase Request Data.

*Datatype:* "Max99Text" on page 1868

#### 47.1.25.5.7 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.25.5.8 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).

*Datatype:* "Max12NumericText" on page 1860

#### 47.1.25.5.9 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.

*Datatype:* "Exact12Text" on page 1857

#### 47.1.25.5.10 LifeCycleSupport <LifeCyclSpprt>

*Presence:* [0..1]

*Definition:* Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

*Datatype:* "LifeCycleSupport1Code" on page 1824

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

#### 47.1.25.5.11 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

#### 47.1.25.5.12 AuthorisationSequenceNumber <AuthstnSeqNb>

*Presence:* [0..1]

*Definition:* Contains authorisation sequence number. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### 47.1.25.5.13 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. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### 47.1.25.5.14 PresentmentSequenceCount <PresntmntSeqCnt>

*Presence:* [0..1]

*Definition:* Expected maximum number of presentments for this transaction. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.5.15 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. This is related transaction lifecycle data.

*Datatype:* "Max35Text" on page 1864

#### **47.1.25.5.16 LifeCycleIdentificationMissing <LifeCyclIdMssng>**

*Presence:* [0..1]

*Definition:* Reason for not providing a lifecycle trace identification information.

*Datatype:* "Max70Text" on page 1867

#### **47.1.25.5.17 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 1860

#### **47.1.25.5.18 AcquirerReferenceNumber <AcqrrRefNb>**

*Presence:* [0..1]

*Definition:* Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

*Datatype:* "Max23NumericText" on page 1863

#### **47.1.25.5.19 IssuerReferenceData <IssrRefData>**

*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.

*Datatype:* "Max1000Text" on page 1858

#### **47.1.25.6 OriginalTransactionIdentification1**

*Definition:* Identification of the original transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1715
	LocalTime <LclTm>	[0..1]	Time		1715
	TimeZone <TmZone>	[0..1]	Text		1715
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1716
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1716
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1716
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1716
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		1717
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1717
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1717
	LifeCycleIdentification <LifeCyclld>	[0..1]	Text		1717
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1717
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1717
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1717
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1718
	LifeCycleIdentificationMissing <LifeCyclldMssng>	[0..1]	Text		1718
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1718
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1718
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1718

#### 47.1.25.6.1 LocalDate <LclDt>

*Presence:* [0..1]

*Definition:* Local date the transaction takes place at the card acceptor location.

*Datatype:* "ISODate" on page 1854

#### 47.1.25.6.2 LocalTime <LclTm>

*Presence:* [0..1]

*Definition:* Local time the transaction takes place at the card acceptor location.

*Datatype:* "ISOTime" on page 1869

#### 47.1.25.6.3 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 1867

#### 47.1.25.6.4 PurchaseIdentifierType <PurchsldrTp>

*Presence:* [0..1]

*Definition:* Specifies the type of identifier present in the message.

*Datatype:* "PurchaseIdentifierType2Code" on page 1839

CodeName	Name	Definition
OTHN	OtherNational	Other Purchase Identifier defined at a national level.
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
SUIN	SupplierInvoice	Supplier Invoice
RELO	RecordLocator	Record Locator
INNU	InvoiceNumber	Invoice Number
PUID	PurchaseIdentification	Purchase Identification
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
TINU	TicketNumber	Ticket Number
SUOR	SupplierOrder	Supplier Order
CONU	ContractNumber	Contract Number
FONU	FolioNumber	Folio Number
PRNU	PaymentReferenceNumber	Payment Reference Number
ORNU	OrderNumber	Order Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
REAG	RentalAgreement	Rental Agreement
TRNU	TrackingNumber	Tracking Number
TREF	TransactionReference	Transaction Reference Number

#### 47.1.25.6.5 OtherPurchaseIdentifierType <OthrPurchsldrTp>

*Presence:* [0..1]

*Definition:* Used when Purchase Identifier Type is Other National or Other Private.

*Datatype:* "Max35Text" on page 1864

#### 47.1.25.6.6 PurchaseIdentifier <Purchsldr>

*Presence:* [0..1]

*Definition:* Contains a value identifying Invoice Data or Purchase Request Data.

*Datatype:* "Max99Text" on page 1868

#### 47.1.25.6.7 TransmissionDateTime <TrnsmssnDtTm>

*Presence:* [0..1]



*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

#### 47.1.25.6.8 SystemTraceAuditNumber <SysTracAudtNb>

*Presence:* [0..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).

*Datatype:* "Max12NumericText" on page 1860

#### 47.1.25.6.9 RetrievalReferenceNumber <RtrvlRefNb>

*Presence:* [0..1]

*Definition:* Reference supplied by the system retaining the original source information and used to assist in locating that information or a copy thereof.

*Datatype:* "Exact12Text" on page 1857

#### 47.1.25.6.10 LifeCycleSupport <LifeCyclSpprt>

*Presence:* [0..1]

*Definition:* Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

*Datatype:* "LifeCycleSupport1Code" on page 1824

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

#### 47.1.25.6.11 LifeCycleIdentification <LifeCyclId>

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

#### 47.1.25.6.12 AuthorisationSequenceNumber <AuthstnSeqNb>

*Presence:* [0..1]

*Definition:* Contains authorisation sequence number. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### 47.1.25.6.13 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. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### 47.1.25.6.14 PresentmentSequenceCount <PresntmntSeqCnt>

*Presence:* [0..1]

*Definition:* Expected maximum number of presentments for this transaction. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.6.15 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. This is related transaction lifecycle data.

*Datatype:* "Max35Text" on page 1864

#### **47.1.25.6.16 LifeCycleIdentificationMissing <LifeCyclldMssng>**

*Presence:* [0..1]

*Definition:* Reason for not providing a lifecycle trace identification information.

*Datatype:* "Max70Text" on page 1867

#### **47.1.25.6.17 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 1860

#### **47.1.25.6.18 AcquirerReferenceNumber <AcqrrRefNb>**

*Presence:* [0..1]

*Definition:* Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

*Datatype:* "Max23NumericText" on page 1863

#### **47.1.25.6.19 IssuerReferenceData <IssrRefData>**

*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.

*Datatype:* "Max1000Text" on page 1858

#### **47.1.25.7 TransactionIdentification55**

*Definition:* Identification of the transaction

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[1..1]	Date		1719
	LocalTime <LclTm>	[0..1]	Time		1719
	TimeZone <TmZone>	[0..1]	Text		1720
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1720
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1720
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1721
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1721
	SystemTraceAuditNumber <SysTracAudtNb>	[1..1]	Text		1721
	RetrievalReferenceNumber <RtrvlRefNb>	[1..1]	Text		1721
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1721
	LifeCycleIdentification <LifeCyclld>	[0..1]	Text		1721
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1721
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1722
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1722
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1722
	LifeCycleIdentificationMissing <LifeCyclldMssng>	[0..1]	Text		1722
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1722
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1722
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1722
	AssociatedData <AssoctdData>	[0..1]	Indicator		1722
	AssociatedDataReference <AssoctdDataRef>	[0..1]	Text		1723
	AssociatedDataDestination <AssoctdDataDstn>	[0..1]	Text		1723

#### 47.1.25.7.1 LocalDate <LclDt>

*Presence:* [1..1]

*Definition:* Local date the transaction takes place at the card acceptor location.

*Datatype:* "ISODate" on page 1854

#### 47.1.25.7.2 LocalTime <LclTm>

*Presence:* [0..1]

*Definition:* Local time the transaction takes place at the card acceptor location.

*Datatype:* "ISOTime" on page 1869

### 47.1.25.7.3 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 1867

### 47.1.25.7.4 PurchasIdentifierType <PurchsldrTp>

*Presence:* [0..1]

*Definition:* Specifies the type of identifier present in the message.

*Datatype:* "PurchasIdentifierType2Code" on page 1839

CodeName	Name	Definition
OTHN	OtherNational	Other Purchase Identifier defined at a national level.
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
SUIN	SupplierInvoice	Supplier Invoice
RELO	RecordLocator	Record Locator
INNU	InvoiceNumber	Invoice Number
PUID	PurchasIdentification	Purchase Identification
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
TINU	TicketNumber	Ticket Number
SUOR	SupplierOrder	Supplier Order
CONU	ContractNumber	Contract Number
FONU	FolioNumber	Folio Number
PRNU	PaymentReferenceNumber	Payment Reference Number
ORNU	OrderNumber	Order Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
REAG	RentalAgreement	Rental Agreement
TRNU	TrackingNumber	Tracking Number
TREF	TransactionReference	Transaction Reference Number

### 47.1.25.7.5 OtherPurchasIdentifierType <OthrPurchsldrTp>

*Presence:* [0..1]

*Definition:* Used when Purchase Identifier Type is Other National or Other Private.

*Datatype:* "Max35Text" on page 1864

**47.1.25.7.6 PurchaseIdentifier <Purchsldr>**

*Presence:* [0..1]

*Definition:* Contains a value identifying Invoice Data or Purchase Request Data.

*Datatype:* "Max99Text" on page 1868

**47.1.25.7.7 TransmissionDateTime <TrnsmssnDtTm>**

*Presence:* [0..1]

*Definition:* Date and time expressed in UTC of the message as sent by the initiator.

*Datatype:* "ISODateTime" on page 1854

**47.1.25.7.8 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).

*Datatype:* "Max12NumericText" on page 1860

**47.1.25.7.9 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.

*Datatype:* "Exact12Text" on page 1857

**47.1.25.7.10 LifeCycleSupport <LifeCyclSpprt>**

*Presence:* [0..1]

*Definition:* Indicate the point in the transaction lifecycle at which the lifecycle identifier was assigned.

*Datatype:* "LifeCycleSupport1Code" on page 1824

CodeName	Name	Definition
AUTH	Authorisation	Assigned at authorisation time.
FINC	Financial	Assigned at financial time.

**47.1.25.7.11 LifeCycleIdentification <LifeCyclId>**

*Presence:* [0..1]

*Definition:* Transaction lifecycle identification

*Datatype:* "Exact15Text" on page 1857

**47.1.25.7.12 AuthorisationSequenceNumber <AuthstnSeqNb>**

*Presence:* [0..1]

*Definition:* Contains authorisation sequence number. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.7.13 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. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.7.14 PresentmentSequenceCount <PresntmntSeqCnt>**

*Presence:* [0..1]

*Definition:* Expected maximum number of presentments for this transaction. This is related transaction lifecycle data.

*Datatype:* "Exact2NumericText" on page 1858

#### **47.1.25.7.15 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. This is related transaction lifecycle data.

*Datatype:* "Max35Text" on page 1864

#### **47.1.25.7.16 LifeCycleIdentificationMissing <LifeCyclldMssng>**

*Presence:* [0..1]

*Definition:* Reason for not providing a lifecycle trace identification information.

*Datatype:* "Max70Text" on page 1867

#### **47.1.25.7.17 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 1860

#### **47.1.25.7.18 AcquirerReferenceNumber <AcqrrRefNb>**

*Presence:* [0..1]

*Definition:* Data supplied by an acquirer to assist in identifying a transaction (for example, for researching retrievals and chargebacks).

*Datatype:* "Max23NumericText" on page 1863

#### **47.1.25.7.19 IssuerReferenceData <IssrRefData>**

*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.

*Datatype:* "Max1000Text" on page 1858

#### **47.1.25.7.20 AssociatedData <AssoctdData>**

*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 1854):

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

#### 47.1.25.7.21 AssociatedDataReference <AssoctdDataRef>

*Presence:* [0..1]

*Definition:* Reference to additional transaction details to be conveyed separately from this message.

*Datatype:* "Max70Text" on page 1867

#### 47.1.25.7.22 AssociatedDataDestination <AssoctdDataDstn>

*Presence:* [0..1]

*Definition:* Destination value to be used in the subsequent addendum message.

*Datatype:* "Max35Text" on page 1864

### 47.1.25.8 OriginalDataElements3

*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		1723
	MessageFunction <MsgFctn>	[0..1]	CodeSet		1724
	AcquirerIdentification <Acqrld>	[0..1]	Text		1724
	SenderIdentification <Sndrld>	[0..1]	Text		1724
	TransactionType <TxTp>	[0..1]	CodeSet		1724
	TransactionIdentification <Txld>	[0..1]	±		1725
	ConversionDateTime <ConvsDtTm>	[0..1]	±		1725
	TransactionAmounts <TxAmts>	[0..1]	±		1726
	AdditionalFee <AddtlFee>	[0..*]	±		1726
	ResponseCode <RspnCd>	[0..1]	CodeSet		1727
	ApprovalCode <AprvlCd>	[0..1]	Text		1727

#### 47.1.25.8.1 MessageClass <MsgCls>

*Presence:* [0..1]

*Definition:* Message class of the original message.

*Datatype:* "MessageClass1Code" on page 1826

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.

#### 47.1.25.8.2 MessageFunction <MsgFctn>

*Presence:* [0..1]

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

*Datatype:* "MessageFunction16Code" on page 1828

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.

#### 47.1.25.8.3 AcquirerIdentification <AcqrrId>

*Presence:* [0..1]

*Definition:* Code identifying the acquirer of the original message.

*Datatype:* "Max11NumericText" on page 1860

#### 47.1.25.8.4 SenderIdentification <SndrId>

*Presence:* [0..1]

*Definition:* Code identifying the sender of the original message.

*Datatype:* "Max11NumericText" on page 1860

#### 47.1.25.8.5 TransactionType <TxTp>

*Presence:* [0..1]

*Definition:* Type of transaction associated with the main service.

*Datatype:* "ISO8583TransactionTypeCode" on page 1822



**47.1.25.8.6 TransactionIdentification <TxId>***Presence:* [0..1]*Definition:* Identification of the transaction.

**TransactionIdentification <TxId>** contains the following elements (see "OriginalTransactionIdentification1" on page 1714 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	LocalDate <LclDt>	[0..1]	Date		1715
	LocalTime <LclTm>	[0..1]	Time		1715
	TimeZone <TmZone>	[0..1]	Text		1715
	PurchaseIdentifierType <PurchsldrTp>	[0..1]	CodeSet		1716
	OtherPurchaseIdentifierType <OthrPurchsldrTp>	[0..1]	Text		1716
	PurchaseIdentifier <Purchsldr>	[0..1]	Text		1716
	TransmissionDateTime <TrnsmssnDtTm>	[0..1]	DateTime		1716
	SystemTraceAuditNumber <SysTracAudtNb>	[0..1]	Text		1717
	RetrievalReferenceNumber <RtrvlRefNb>	[0..1]	Text		1717
	LifeCycleSupport <LifeCyclSpprt>	[0..1]	CodeSet		1717
	LifeCycleIdentification <LifeCyclId>	[0..1]	Text		1717
	AuthorisationSequenceNumber <AuthstnSeqNb>	[0..1]	Text		1717
	PresentmentSequenceNumber <PresntmntSeqNb>	[0..1]	Text		1717
	PresentmentSequenceCount <PresntmntSeqCnt>	[0..1]	Text		1717
	AuthenticationToken <AuthntcnTkn>	[0..1]	Text		1718
	LifeCycleIdentificationMissing <LifeCyclIdMssng>	[0..1]	Text		1718
	AcquirerReferenceData <AcqrrRefData>	[0..1]	Text		1718
	AcquirerReferenceNumber <AcqrrRefNb>	[0..1]	Text		1718
	IssuerReferenceData <IssrRefData>	[0..1]	Text		1718

**47.1.25.8.7 ConversionDateTime <ConvsDtTm>***Presence:* [0..1]*Definition:* Date and Time of currency conversion.

**ConversionDateTime <ConvsDtTm>** contains the following elements (see "DateTime2" on page 1453 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Date <Dt>	[1..1]	Date		1453
	Time <Tm>	[0..1]	Time		1453

#### 47.1.25.8.8 TransactionAmounts <TxAmts>

*Presence:* [0..1]

*Definition:* Amounts of the card transaction.

**TransactionAmounts <TxAmts>** contains the following elements (see "[OriginalTransactionAmounts3](#)" on page 1168 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	AmountQualifier <AmtQlfr>	[0..1]	CodeSet		1168
	Amount <Amt>	[1..1]	Amount		1169
	Currency <Ccy>	[1..1]	CodeSet	C2	1169
	CardholderBillingAmount <CrdhldrBllgAmt>	[0..1]	Amount		1169
	CardholderBillingCurrency <CrdhldrBllgCcy>	[0..1]	CodeSet	C2	1169
	CardholderBillingEffectiveExchangeRate <CrdhldrBllgFctvXchgRate>	[0..1]	Rate		1170
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1170
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1170
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1170

#### 47.1.25.8.9 AdditionalFee <AddtlFee>

*Presence:* [0..\*]

*Definition:* Fees not included in the transaction amount.

**AdditionalFee <AddtlFee>** contains the following elements (see "AdditionalFee3" on page 1181 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1181
	OtherType <OthrTp>	[0..1]	Text		1182
	Program <Prgm>	[0..1]	Text		1182
	Descriptor <Dscrptr>	[0..1]	Text		1182
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1182
	Amount <Amt>	[1..1]	Amount		1182
	Currency <Ccy>	[0..1]	CodeSet	C2	1182
	ReconciliationAmount <RcncltnAmt>	[0..1]	Amount		1183
	ReconciliationCurrency <RcncltnCcy>	[0..1]	CodeSet	C2	1183
	ReconciliationEffectiveExchangeRate <RcncltnFctvXchgRate>	[0..1]	Rate		1183
	Assigner <Assgnr>	[0..1]	CodeSet		1183
	OtherAssigner <OthrAssgnr>	[0..1]	Text		1184
	Description <Desc>	[0..1]	Text		1184

#### 47.1.25.8.10 ResponseCode <RspnCd>

*Presence:* [0..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 1822

#### 47.1.25.8.11 ApprovalCode <ApprvlCd>

*Presence:* [0..1]

*Definition:* Value assigned by the entity when the transaction is approved.

*Datatype:* "Exact6AlphaNumericText" on page 1858

## 47.1.26 Risk

### 47.1.26.1 RiskContext3

*Definition:* Context of the risk associated with the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	InputData <InptData>	[0..*]	±		1728
	Assessment <Assmnt>	[0..*]	±		1728

#### 47.1.26.1.1 InputData <InptData>

*Presence:* [0..\*]

*Definition:* Input data to be considered in a risk assessment.

**InputData <InptData>** contains the following elements (see "RiskInputData2" on page 1733 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntityType <NttyTp>	[0..1]	CodeSet		1733
	OtherEntityType <OthrNttyTp>	[0..1]	Text		1734
	Type <Tp>	[1..1]	Text		1734
	Value <Val>	[1..1]	Text		1734

#### 47.1.26.1.2 Assessment <Assmnt>

*Presence:* [0..\*]

*Definition:* Indicates to the card issuer the level of risk associated with the transaction.

**Assessment <Assmnt>** contains the following elements (see "RiskAssessment3" on page 1729 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntityIdentification <NttyId>	[0..1]	Text		1730
	EntityType <NttyTp>	[0..1]	CodeSet		1730
	OtherEntityType <OthrNttyTp>	[0..1]	Text		1730
	EntityAssigner <NttyAssgnr>	[0..1]	CodeSet		1730
	EntityCountry <NttyCtry>	[0..1]	CodeSet		1731
	EntityShortName <NttyShrtNm>	[0..1]	Text		1731
	Type <Tp>	[0..1]	Text		1731
	HighRiskTransaction <HghRskTx>	[0..1]	Indicator		1731
	Reason <Rsn>	[0..*]	Text		1731
	Result <Rslt>	[0..1]	Text		1731
	Condition <Cond>	[0..*]	±		1731
	Recommendation <Rcmmndtn>	[0..*]			1732
	Action <Actn>	[0..1]	CodeSet		1732
	OtherAction <OthrActn>	[0..1]	Text		1732
	Details <Dtls>	[0..*]	Text		1733
	AdditionalData <AddtlData>	[0..*]	±		1733

**47.1.26.2 AdditionalRiskData1**

*Definition:* Additional data related to risk assessment of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1729
	Value <Val>	[1..1]	Text		1729

**47.1.26.2.1 Type <Tp>**

*Presence:* [1..1]

*Definition:* Identification of the additional risk data type related to the transaction.

*Datatype:* "Max35Text" on page 1864

**47.1.26.2.2 Value <Val>**

*Presence:* [1..1]

*Definition:* Data value of the additional risk data associated with the transaction.

*Datatype:* "Max10KText" on page 1859

**47.1.26.3 RiskAssessment3**

*Definition:* Indicates to the card issuer the level of risk associated with the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntityIdentification <NttyId>	[0..1]	Text		1730
	EntityType <NttyTp>	[0..1]	CodeSet		1730
	OtherEntityType <OthrNttyTp>	[0..1]	Text		1730
	EntityAssigner <NttyAssgnr>	[0..1]	CodeSet		1730
	EntityCountry <NttyCtry>	[0..1]	CodeSet		1731
	EntityShortName <NttyShrtNm>	[0..1]	Text		1731
	Type <Tp>	[0..1]	Text		1731
	HighRiskTransaction <HghRskTx>	[0..1]	Indicator		1731
	Reason <Rsn>	[0..*]	Text		1731
	Result <Rslt>	[0..1]	Text		1731
	Condition <Cond>	[0..*]	±		1731
	Recommendation <Rcmmdtn>	[0..*]			1732
	Action <Actn>	[0..1]	CodeSet		1732
	OtherAction <OthrActn>	[0..1]	Text		1732
	Details <Dtls>	[0..*]	Text		1733
	AdditionalData <AddtlData>	[0..*]	±		1733

#### 47.1.26.3.1 EntityIdentification <NttyId>

*Presence:* [0..1]

*Definition:* Identification of the party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.3.2 EntityType <NttyTp>

*Presence:* [0..1]

*Definition:* Type of entity.

*Datatype:* "PartyType28Code" on page 1834

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.

#### 47.1.26.3.3 OtherEntityType <OthrNttyTp>

*Presence:* [0..1]

*Definition:* Other party type defined at national or private level.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.3.4 EntityAssigner <NttyAssgnr>

*Presence:* [0..1]

*Definition:* Entity in charge of assigning an identification to a party.

*Datatype:* "PartyType18Code" on page 1832

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.

#### 47.1.26.3.5 EntityCountry <NttyCtry>

*Presence:* [0..1]

*Definition:* Country of the party.

*Datatype:* "ISO3NumericCountryCode" on page 1820

#### 47.1.26.3.6 EntityShortName <NttyShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the party.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.3.7 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of risk assessment.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.3.8 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 1854):

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

#### 47.1.26.3.9 Reason <Rsn>

*Presence:* [0..\*]

*Definition:* Reason for indicating a certain level of risk for the transaction.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.3.10 Result <Rslt>

*Presence:* [0..1]

*Definition:* Risk assessment result.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.3.11 Condition <Cond>

*Presence:* [0..\*]

*Definition:* Conditions noted for the risk assessment.

**Condition <Cond>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.26.3.12 Recommendation <Rcmmndtn>

*Presence:* [0..\*]

*Definition:* Additional details of recommended action or other recommended action.

**Recommendation <Rcmmndtn>** contains the following **RecommendationAction1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Action <Actn>	[0..1]	CodeSet		1732
	OtherAction <OthrActn>	[0..1]	Text		1732
	Details <Dtls>	[0..*]	Text		1733

##### 47.1.26.3.12.1 Action <Actn>

*Presence:* [0..1]

*Definition:* Recommended action based on risk assessment.

*Datatype:* "ActionType8Code" on page 1786

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)

##### 47.1.26.3.12.2 OtherAction <OthrActn>

*Presence:* [0..1]

*Definition:* Other recommended action based on risk assessment defined at national or private level.

*Datatype:* "Max35Text" on page 1864



**47.1.26.3.12.3 Details <DtIs>***Presence:* [0..\*]*Definition:* Additional details of recommended action or other recommended action.*Datatype:* "Max256Text" on page 1863**47.1.26.3.13 AdditionalData <AddtlData>***Presence:* [0..\*]*Definition:* Additional risk data associated with the transaction.**AdditionalData <AddtlData>** contains the following elements (see "AdditionalRiskData1" on page 1729 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	Text		1729
	Value <Val>	[1..1]	Text		1729

**47.1.26.4 RiskInputData2***Definition:* Additional data to be considered for risk assessment.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	EntityType <NttyTp>	[0..1]	CodeSet		1733
	OtherEntityType <OthrNttyTp>	[0..1]	Text		1734
	Type <Tp>	[1..1]	Text		1734
	Value <Val>	[1..1]	Text		1734

**47.1.26.4.1 EntityType <NttyTp>***Presence:* [0..1]*Definition:* Type of entity providing data for risk assessment.*Datatype:* "PartyType28Code" on page 1834

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

CodeName	Name	Definition
WLPR	WalletProvider	Provider of an electronic wallet
ISUR	Issuer	Issuer is the entitled party.

#### 47.1.26.4.2 OtherEntityType <OthrNttyTp>

*Presence:* [0..1]

*Definition:* Other type of entity providing risk assessment data.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.4.3 Type <Tp>

*Presence:* [1..1]

*Definition:* Identifies the type of risk assessment associated with the input data in the message.

*Datatype:* "Max35Text" on page 1864

#### 47.1.26.4.4 Value <Val>

*Presence:* [1..1]

*Definition:* Value of input data for risk assessment.

*Datatype:* "Max10KText" on page 1859

## 47.1.27 Secure Element

### 47.1.27.1 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		1734
	KeyVersion <KeyVrsn>	[1..1]	Text		1734
	SequenceNumber <SeqNb>	[0..1]	Quantity		1735
	DerivationIdentification <DerivtnId>	[0..1]	Binary		1735

#### 47.1.27.1.1 KeyIdentification <KeyId>

*Presence:* [1..1]

*Definition:* Identification of the cryptographic key.

*Datatype:* "Max140Text" on page 1860

#### 47.1.27.1.2 KeyVersion <KeyVrsn>

*Presence:* [1..1]

*Definition:* Version of the cryptographic key.

*Datatype:* "Max140Text" on page 1860

47.1.27.1.3 SequenceNumber <SeqNb>

Presence: [0..1]

Definition: Number of usages of the cryptographic key.

Datatype: "Number" on page 1856

47.1.27.1.4 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 1785

47.1.28 Security

47.1.28.1 ProtectedData2

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		1735
	EnvelopedData <EnvlpdData>	[0..1]	±		1735
	EncryptedData <NcrptdData>	[0..1]	±		1736

47.1.28.1.1 ContentType <CnttTp>

Presence: [1..1]

Definition: Type of data protection.

Datatype: "ContentType3Code" on page 1808

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.

47.1.28.1.2 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 elements (see "EnvelopedData12" on page 1225 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Version <Vrsn>	[0..1]	Quantity		1225
	Recipient <Rcpt>	[1..*]	±		1225
	EncryptedContent <NcrptdCntt>	[0..1]	±		1225

#### 47.1.28.1.3 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 elements (see "EncryptedData2" on page 1227 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1228
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1228
	DerivedInformation <DrvdInf>	[0..1]	Text		1228
	Algorithm <Algo>	[0..1]	Text		1228
	KeyLength <KeyLngth>	[0..1]	Text		1229
	KeyProtection <KeyPrctn>	[0..1]	Text		1229
	KeyIndex <KeyIndx>	[0..1]	Text		1229
	PaddingMethod <PddgMtd>	[0..1]	Text		1229
	EncryptedFormat <NcrptdFrmt>	[0..1]	Text		1229
	EncryptedElement <NcrptdElmt>	[1..*]	±		1229

#### 47.1.28.2 ContentInformationType41

*Definition:* General cryptographic message syntax (CMS) containing encrypted data.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	MACData <MACData>	[1..1]	±		1736
	MAC <MAC>	[1..1]	Text		1737

##### 47.1.28.2.1 MACData <MACData>

*Presence:* [1..1]

*Definition:* Type of data protection.

**MACData <MACData>** contains the following elements (see "[MACData1](#)" on page 1193 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[1..1]	Text		1194
	KeySetIdentifier <KeySetIdr>	[1..1]	Text		1194
	DerivedInformation <DrvdInf>	[0..1]	Text		1194
	Algorithm <Algo>	[1..1]	Text		1195
	KeyLength <KeyLngth>	[0..1]	Text		1195
	KeyProtection <KeyPrctn>	[0..1]	Text		1195
	KeyIndex <KeyIdx>	[0..1]	Text		1195
	PaddingMethod <PddgMtd>	[0..1]	Text		1195
	InitialisationVector <InitlStnVctr>	[0..1]	Text		1195

#### 47.1.28.2.2 MAC <MAC>

*Presence:* [1..1]

*Definition:* Message Authentication Code data.

*Datatype:* "[Max8HexBinaryText](#)" on page 1867

## 47.1.29 Settlement Details

### 47.1.29.1 SettlementService6

*Definition:* Attributes of a settlement service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1738
	Identification <Id>	[0..1]	Text		1738
	RequestedDate <ReqdDt>	[0..1]	Date		1738
	Deferred <Dfrd>	[0..1]	Indicator		1738
	Date <Dt>	[0..1]	Date		1738
	Time <Tm>	[0..1]	Time		1738
	Period <Prd>	[0..1]	Text		1738
	CutOffTime <CutOffTm>	[0..1]	DateTime		1738
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1739
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1739
	AdditionalInformation <AddtlInf>	[0..*]	±		1739

#### **47.1.29.1.1 Type <Tp>**

*Presence:* [0..1]

*Definition:* Type of settlement service applied

*Datatype:* "Max35Text" on page 1864

#### **47.1.29.1.2 Identification <Id>**

*Presence:* [0..1]

*Definition:* Identification of settlement service applied.

*Datatype:* "Max35Text" on page 1864

#### **47.1.29.1.3 RequestedDate <ReqdDt>**

*Presence:* [0..1]

*Definition:* Date requested for settlement.

*Datatype:* "ISODate" on page 1854

#### **47.1.29.1.4 Deferred <Dfrrd>**

*Presence:* [0..1]

*Definition:* Indicate a deferred Settlement date.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.29.1.5 Date <Dt>**

*Presence:* [0..1]

*Definition:* Actual date of settlement.

*Datatype:* "ISODate" on page 1854

#### **47.1.29.1.6 Time <Tm>**

*Presence:* [0..1]

*Definition:* Actual time of settlement.

*Datatype:* "ISOTime" on page 1869

#### **47.1.29.1.7 Period <Prd>**

*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 1864

#### **47.1.29.1.8 CutOffTime <CutOffTm>**

*Presence:* [0..1]

*Definition:* Identifies the effective end time of the settlement date and/or period.

*Datatype:* "ISODateTime" on page 1854

**47.1.29.1.9 ReportingEntityType <RptgNttyTp>**

*Presence:* [0..1]  
*Definition:* Identifies the type of settlement reporting entity  
*Datatype:* "Max35Text" on page 1864

**47.1.29.1.10 ReportingEntityIdentification <RptgNttyld>**

*Presence:* [0..1]  
*Definition:* Identification of the settlement reporting entity.  
*Datatype:* "Max35Text" on page 1864

**47.1.29.1.11 AdditionalInformation <AddtlInf>**

*Presence:* [0..\*]  
*Definition:* Additional Settlement Information.

**AdditionalInformation <AddtlInf>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

**47.1.29.2 SettlementService5**

*Definition:* Attributes of a settlement service.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ProposedType <PropsdTp>	[0..1]	Text		1740
	ProposedIdentification <PropsdId>	[0..1]	Text		1740
	Type <Tp>	[0..1]	Text		1740
	Identification <Id>	[0..1]	Text		1740
	RequestedDate <ReqdDt>	[0..1]	Date		1740
	Deferred <Dfrd>	[0..1]	Indicator		1741
	Date <Dt>	[0..1]	Date		1741
	Time <Tm>	[0..1]	Time		1741
	Period <Prd>	[0..1]	Text		1741
	CutOffTime <CutOffTm>	[0..1]	DateTime		1741
	ReportingEntityType <RptgNttyTp>	[0..1]	Text		1741
	ReportingEntityIdentification <RptgNttyId>	[0..1]	Text		1741
	AdditionalInformation <AddtlInf>	[0..*]	±		1742

#### 47.1.29.2.1 ProposedType <PropsdTp>

*Presence:* [0..1]

*Definition:* Proposed type of settlement service.

*Datatype:* "Max35Text" on page 1864

#### 47.1.29.2.2 ProposedIdentification <PropsdId>

*Presence:* [0..1]

*Definition:* Identification of proposed settlement service.

*Datatype:* "Max35Text" on page 1864

#### 47.1.29.2.3 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of settlement service applied

*Datatype:* "Max35Text" on page 1864

#### 47.1.29.2.4 Identification <Id>

*Presence:* [0..1]

*Definition:* Identification of settlement service applied.

*Datatype:* "Max35Text" on page 1864

#### 47.1.29.2.5 RequestedDate <ReqdDt>

*Presence:* [0..1]



*Definition:* Date requested for settlement.

*Datatype:* "ISODate" on page 1854

#### **47.1.29.2.6 Deferred <Dfrrd>**

*Presence:* [0..1]

*Definition:* Indicate a deferred Settlement date.

*Datatype:* One of the following values must be used (see "TrueFalseIndicator" on page 1854):

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

#### **47.1.29.2.7 Date <Dt>**

*Presence:* [0..1]

*Definition:* Actual date of settlement.

*Datatype:* "ISODate" on page 1854

#### **47.1.29.2.8 Time <Tm>**

*Presence:* [0..1]

*Definition:* Actual time of settlement.

*Datatype:* "ISOTime" on page 1869

#### **47.1.29.2.9 Period <Prd>**

*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 1864

#### **47.1.29.2.10 CutOffTime <CutOffTm>**

*Presence:* [0..1]

*Definition:* Identifies the effective end time of the settlement date and/or period.

*Datatype:* "ISODateTime" on page 1854

#### **47.1.29.2.11 ReportingEntityType <RptgNttyTp>**

*Presence:* [0..1]

*Definition:* Identifies the type of settlement reporting entity

*Datatype:* "Max35Text" on page 1864

#### **47.1.29.2.12 ReportingEntityIdentification <RptgNttyld>**

*Presence:* [0..1]

*Definition:* Identification of the settlement reporting entity.

*Datatype:* "Max35Text" on page 1864

### 47.1.29.2.13 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional Settlement Information.

**AdditionalInformation <AddtlInf>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 47.1.30 Status

### 47.1.30.1 ProcessingResult23

*Definition:* Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1742
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1742
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1743
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1743
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1743
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1744
	ResponseCode <RspnCd>	[1..1]	CodeSet		1744
	ErrorDetail <ErrDtl>	[0..*]	±		1744
	AdditionalInformation <AddtlInf>	[0..*]	±		1744

#### 47.1.30.1.1 ResponseSourceIdentification <RspnSrcId>

*Presence:* [0..1]

*Definition:* Identification of response source.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.30.1.2 ResponseSourceType <RspnSrcTp>

*Presence:* [0..1]

*Definition:* Type of response source.

*Datatype:* "[PartyType26Code](#)" on page 1833

CodeName	Name	Definition
ACCP	Acceptor	Card acceptor, party accepting the card and presenting transaction data to the acquirer.

CodeName	Name	Definition
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

#### 47.1.30.1.3 ResponseSourceOtherType <RspnSrcOthrTp>

*Presence:* [0..1]

*Definition:* Other type of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.1.4 ResponseSourceAssigner <RspnSrcAssgnr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification for the response source.

*Datatype:* "PartyType9Code" on page 1835

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.

#### 47.1.30.1.5 ResponseSourceCountry <RspnSrcCtry>

*Presence:* [0..1]

*Definition:* Country of the response source

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.30.1.6 ResponseSourceShortName <RspnSrcShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the response source

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.1.7 ResponseCode <RspnCd>

*Presence:* [1..1]

*Definition:* Response code defined in ISO 8583.

*Datatype:* "ISO8583ResponseCode" on page 1822

#### 47.1.30.1.8 ErrorDetail <ErrDtl>

*Presence:* [0..\*]

*Definition:* Error detail information.

**ErrorDetail <ErrDtl>** contains the following elements (see "ErrorDetails3" on page 1534 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1534
	OtherType <OthrTp>	[0..1]	Text		1535
	Code <Cd>	[0..1]	Text		1535
	Description <Desc>	[0..1]	Text		1535
	DataElementInError <DataElmtInErr>	[0..*]	Text		1535

#### 47.1.30.1.9 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information relevant for the destination.

ISO 8583 bit 44

**AdditionalInformation <AddtlInf>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.30.2 ProcessingResult26

*Definition:* Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1745
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1745
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1745
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1746
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1746
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1746
	ResponseCode <RspnCd>	[0..1]	CodeSet		1746
	AdditionalInformation <AddtlInf>	[0..*]	±		1746

#### 47.1.30.2.1 ResponseSourceIdentification <RspnSrcId>

*Presence:* [0..1]

*Definition:* Identification of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.2.2 ResponseSourceType <RspnSrcTp>

*Presence:* [0..1]

*Definition:* Type of response source.

*Datatype:* "PartyType26Code" on page 1833

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

#### 47.1.30.2.3 ResponseSourceOtherType <RspnSrcOthrTp>

*Presence:* [0..1]

*Definition:* Other type of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.2.4 ResponseSourceAssigner <RspnSrcAssgnr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification for the response source.

*Datatype:* "PartyType9Code" on page 1835

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.

#### 47.1.30.2.5 ResponseSourceCountry <RspnSrcCtry>

*Presence:* [0..1]

*Definition:* Country of the response source

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.30.2.6 ResponseSourceShortName <RspnSrcShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the response source

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.2.7 ResponseCode <RspnCd>

*Presence:* [0..1]

*Definition:* Response code defined in ISO 8583.

*Datatype:* "ISO8583ResponseCode" on page 1822

#### 47.1.30.2.8 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional information relevant for the destination.

ISO 8583 bit 44

**AdditionalInformation <AddtlInf>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

### 47.1.30.3 ProcessingResult25

*Definition:* Outcome of the processing of the authorisation.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1747
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1747
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1748
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1748
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1748
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1748
	ResponseCode <RspnCd>	[0..1]	CodeSet		1749
	ApprovalCode <ApprvlCd>	[0..1]	Text		1749
	AdditionalInformation <AddtlInf>	[0..*]	±		1749

#### 47.1.30.3.1 ResponseSourceIdentification <RspnSrcId>

*Presence:* [0..1]

*Definition:* Identification of response source.

*Datatype:* "[Max35Text](#)" on page 1864

#### 47.1.30.3.2 ResponseSourceType <RspnSrcTp>

*Presence:* [0..1]

*Definition:* Type of response source.

*Datatype:* "[PartyType26Code](#)" on page 1833

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.

CodeName	Name	Definition
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

#### 47.1.30.3.3 ResponseSourceOtherType <RspnSrcOthrTp>

*Presence:* [0..1]

*Definition:* Other type of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.3.4 ResponseSourceAssigner <RspnSrcAssgnr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification for the response source.

*Datatype:* "PartyType9Code" on page 1835

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.

#### 47.1.30.3.5 ResponseSourceCountry <RspnSrcCtry>

*Presence:* [0..1]

*Definition:* Country of the response source

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.30.3.6 ResponseSourceShortName <RspnSrcShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the response source

*Datatype:* "Max35Text" on page 1864



47.1.30.3.7 ResponseCode <RspnCd>

*Presence:* [0..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 1822

47.1.30.3.8 ApprovalCode <ApprvlCd>

*Presence:* [0..1]

*Definition:* Value assigned by the entity when the transaction is approved.

*Datatype:* "Exact6AlphaNumericText" on page 1858

47.1.30.3.9 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional result information to be conveyed.

**AdditionalInformation <AddtlInf>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

47.1.30.4 Action16

*Definition:* Additional action to perform.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1750
	OtherType <OthrTp>	[0..1]	Text		1751
	Destination <Dstn>	[0..1]	CodeSet		1751
	OtherDestination <OthrDstn>	[0..1]	Text		1752
	DestinationType <DstnTp>	[0..1]	CodeSet		1752
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		1752
	DestinationAddress <DstnAdr>	[0..1]	Text		1752
	Contact <Ctct>	[0..1]			1752
	Name <Nm>	[0..1]	Text		1753
	GivenName <GvnNm>	[0..1]	Text		1753
	MiddleName <MddlNm>	[0..1]	Text		1753
	LastName <LastNm>	[0..1]	Text		1753
	HomePhone <HomePhne>	[0..1]	Text		1754
	BusinessPhone <BizPhne>	[0..1]	Text		1754
	MobilePhone <MobPhne>	[0..1]	Text		1754
	OtherPhone <OthrPhne>	[0..1]	Text		1754
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1754
	BusinessEmail <BizEmail>	[0..1]	Text		1754
	OtherEmail <OthrEmail>	[0..1]	Text		1754
	HomeFax <HomeFax>	[0..1]	Text		1754
	BusinessFax <BizFax>	[0..1]	Text		1755
	URL <URL>	[0..1]	Text		1755
	Language <Lang>	[0..1]	CodeSet		1755
	Format <Frmt>	[0..1]	CodeSet		1755
	OtherFormat <OthrFrmt>	[0..1]	Text		1755
	Content <Cnnt>	[0..*]	±		1755
	Language <Lang>	[0..1]	CodeSet		1756
	Signature <Sgntr>	[0..1]	Binary		1756
	CertificateIdentification <CertId>	[0..1]	Text		1756

#### 47.1.30.4.1 Type <Tp>

Presence: [0..1]

*Definition:* Type of additional action to perform.

*Datatype:* "ActionType14Code" on page 1785

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.
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.

#### 47.1.30.4.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other action type to be performed.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.4.3 Destination <Dstn>

*Presence:* [0..1]

*Definition:* Destination of the additional action to perform.

*Datatype:* "PartyType34Code" on page 1834

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.

CodeName	Name	Definition
CISS	CardIssuer	Party that issues cards.
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

#### 47.1.30.4.4 OtherDestination <OthrDstn>

*Presence:* [0..1]

*Definition:* Other destination of action.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.4.5 DestinationType <DstnTp>

*Presence:* [0..1]

*Definition:* Type of destination of the additional action to perform.

*Datatype:* "ActionDestination1Code" on page 1785

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.

#### 47.1.30.4.6 OtherDestinationType <OthrDstnTp>

*Presence:* [0..1]

*Definition:* Other type of destination.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.4.7 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 1867

#### 47.1.30.4.8 Contact <Ctct>

*Presence:* [0..1]

*Definition:* Contact information.

**Contact <Ctct>** contains the following **ContactPersonal1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1753
	GivenName <GvnNm>	[0..1]	Text		1753
	MiddleName <MddINm>	[0..1]	Text		1753
	LastName <LastNm>	[0..1]	Text		1753
	HomePhone <HomePhne>	[0..1]	Text		1754
	BusinessPhone <BizPhne>	[0..1]	Text		1754
	MobilePhone <MobPhne>	[0..1]	Text		1754
	OtherPhone <OthrPhne>	[0..1]	Text		1754
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1754
	BusinessEmail <BizEmail>	[0..1]	Text		1754
	OtherEmail <OthrEmail>	[0..1]	Text		1754
	HomeFax <HomeFax>	[0..1]	Text		1754
	BusinessFax <BizFax>	[0..1]	Text		1755
	URL <URL>	[0..1]	Text		1755
	Language <Lang>	[0..1]	CodeSet		1755

#### 47.1.30.4.8.1 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 1867

#### 47.1.30.4.8.2 GivenName <GvnNm>

*Presence:* [0..1]

*Definition:* First name of the cardholder.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.4.8.3 MiddleName <MddINm>

*Presence:* [0..1]

*Definition:* Middle name or initials present in the name of a person.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.4.8.4 LastName <LastNm>

*Presence:* [0..1]

*Definition:* Family name of the cardholder.

---

*Datatype:* "Max35Text" on page 1864

**47.1.30.4.8.5 HomePhone <HomePhne>**

*Presence:* [0..1]

*Definition:* Home phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.30.4.8.6 BusinessPhone <BizPhne>**

*Presence:* [0..1]

*Definition:* Business phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.30.4.8.7 MobilePhone <MobPhne>**

*Presence:* [0..1]

*Definition:* Mobile phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.30.4.8.8 OtherPhone <OthrPhne>**

*Presence:* [0..1]

*Definition:* Other phone number of contact.

*Datatype:* "PhoneNumber" on page 1868

**47.1.30.4.8.9 PersonalEmail <PrsnlEmail>**

*Presence:* [0..1]

*Definition:* Personal email address of contact.

*Datatype:* "Max256Text" on page 1863

**47.1.30.4.8.10 BusinessEmail <BizEmail>**

*Presence:* [0..1]

*Definition:* Business email address of contact.

*Datatype:* "Max256Text" on page 1863

**47.1.30.4.8.11 OtherEmail <OthrEmail>**

*Presence:* [0..1]

*Definition:* Other email address of contact.

*Datatype:* "Max256Text" on page 1863

**47.1.30.4.8.12 HomeFax <HomeFax>**

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### 47.1.30.4.8.13 BusinessFax <BizFax>

*Presence:* [0..1]

*Definition:* Collection of information that identifies a home FAX number, as defined by telecom services.

*Datatype:* "PhoneNumber" on page 1868

#### 47.1.30.4.8.14 URL <URL>

*Presence:* [0..1]

*Definition:* Universal Resource Locator (URL) address.

*Datatype:* "Max256Text" on page 1863

#### 47.1.30.4.8.15 Language <Lang>

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "ISO2ALanguageCode" on page 1820

#### 47.1.30.4.9 Format <Frmt>

*Presence:* [0..1]

*Definition:* Format of the message associated with the additional action to perform.

*Datatype:* "OutputFormat4Code" on page 1830

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.

#### 47.1.30.4.10 OtherFormat <OthrFrmt>

*Presence:* [0..1]

*Definition:* Other type of format for action data.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.4.11 Content <Cntt>

*Presence:* [0..\*]

*Definition:* Value of the content of or the reference to the message.

**Content <Cntt>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.30.4.12 Language <Lang>

*Presence:* [0..1]

*Definition:* Language of the contact.

*Datatype:* "[ISOMax3ALanguageCode](#)" on page 1822

#### 47.1.30.4.13 Signature <Sgntr>

*Presence:* [0..1]

*Definition:* Digital signature of the content of or the reference to the message.

*Datatype:* "[Max140Binary](#)" on page 1783

#### 47.1.30.4.14 CertificateIdentification <CertId>

*Presence:* [0..1]

*Definition:* Signing certificate identification.

*Datatype:* "[Max70Text](#)" on page 1867

### 47.1.30.5 ProcessingResult22

*Definition:* Outcome of the processing of the transaction.



Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1757
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1757
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1758
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1758
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1758
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1758
	ResponseCode <RspnCd>	[1..1]	CodeSet		1758
	ApprovalCode <ApprvlCd>	[0..1]	Text		1759
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1759
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1759
	Action <Actn>	[0..*]	±		1759
	ErrorDetail <ErrDtl>	[0..*]	±		1761
	AdditionalInformation <AddtlInf>	[0..*]	±		1761

#### 47.1.30.5.1 ResponseSourceIdentification <RspnSrcId>

*Presence:* [0..1]

*Definition:* Identification of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.5.2 ResponseSourceType <RspnSrcTp>

*Presence:* [0..1]

*Definition:* Type of response source.

*Datatype:* "PartyType26Code" on page 1833

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.

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

#### 47.1.30.5.3 ResponseSourceOtherType <RspnSrcOthrTp>

*Presence:* [0..1]

*Definition:* Other type of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.5.4 ResponseSourceAssigner <RspnSrcAssgnr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification for the response source.

*Datatype:* "PartyType9Code" on page 1835

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.

#### 47.1.30.5.5 ResponseSourceCountry <RspnSrcCtry>

*Presence:* [0..1]

*Definition:* Country of the response source

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.30.5.6 ResponseSourceShortName <RspnSrcShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the response source

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.5.7 ResponseCode <RspnCd>

*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 1822

#### **47.1.30.5.8 ApprovalCode <ApprvlCd>**

*Presence:* [0..1]

*Definition:* Value assigned by the entity when the transaction is approved.

*Datatype:* "Exact6AlphaNumericText" on page 1858

#### **47.1.30.5.9 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 1854):

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

#### **47.1.30.5.10 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 "TrueFalseIndicator" on page 1854):

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

#### **47.1.30.5.11 Action <Actn>**

*Presence:* [0..\*]

*Definition:* Set of actions to be performed.

ISO 8583 bit 39

**Action <Actn>** contains the following elements (see "Action16" on page 1749 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1750
	OtherType <OthrTp>	[0..1]	Text		1751
	Destination <Dstn>	[0..1]	CodeSet		1751
	OtherDestination <OthrDstn>	[0..1]	Text		1752
	DestinationType <DstnTp>	[0..1]	CodeSet		1752
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		1752
	DestinationAddress <DstnAdr>	[0..1]	Text		1752
	Contact <Ctct>	[0..1]			1752
	Name <Nm>	[0..1]	Text		1753
	GivenName <GvnNm>	[0..1]	Text		1753
	MiddleName <MddlNm>	[0..1]	Text		1753
	LastName <LastNm>	[0..1]	Text		1753
	HomePhone <HomePhne>	[0..1]	Text		1754
	BusinessPhone <BizPhne>	[0..1]	Text		1754
	MobilePhone <MobPhne>	[0..1]	Text		1754
	OtherPhone <OthrPhne>	[0..1]	Text		1754
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1754
	BusinessEmail <BizEmail>	[0..1]	Text		1754
	OtherEmail <OthrEmail>	[0..1]	Text		1754
	HomeFax <HomeFax>	[0..1]	Text		1754
	BusinessFax <BizFax>	[0..1]	Text		1755
	URL <URL>	[0..1]	Text		1755
	Language <Lang>	[0..1]	CodeSet		1755
	Format <Frmt>	[0..1]	CodeSet		1755
	OtherFormat <OthrFrmt>	[0..1]	Text		1755
	Content <Cntt>	[0..*]	±		1755
	Language <Lang>	[0..1]	CodeSet		1756
	Signature <Sgntr>	[0..1]	Binary		1756
	CertificateIdentification <CertId>	[0..1]	Text		1756

#### 47.1.30.5.12 ErrorDetail <ErrDtl>

*Presence:* [0..\*]

*Definition:* Error detail information.

**ErrorDetail <ErrDtl>** contains the following elements (see "[ErrorDetails3](#)" on page 1534 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1534
	OtherType <OthrTp>	[0..1]	Text		1535
	Code <Cd>	[0..1]	Text		1535
	Description <Desc>	[0..1]	Text		1535
	DataElementInError <DataElmtInErr>	[0..*]	Text		1535

#### 47.1.30.5.13 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional result information to be conveyed.

**AdditionalInformation <AddtlInf>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.30.6 ProcessingResult27

*Definition:* Outcome of the processing of the transaction.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	ResponseSourceIdentification <RspnSrcId>	[0..1]	Text		1762
	ResponseSourceType <RspnSrcTp>	[0..1]	CodeSet		1762
	ResponseSourceOtherType <RspnSrcOthrTp>	[0..1]	Text		1763
	ResponseSourceAssigner <RspnSrcAssgnr>	[0..1]	CodeSet		1763
	ResponseSourceCountry <RspnSrcCtry>	[0..1]	CodeSet		1763
	ResponseSourceShortName <RspnSrcShrtNm>	[0..1]	Text		1763
	ResponseCode <RspnCd>	[0..1]	CodeSet		1763
	ApprovalCode <ApprvlCd>	[0..1]	Text		1764
	TemporarySecureCardDataReusePermitted <TempScrCardDataReusePrtd>	[0..1]	Indicator		1764
	ActionRequired <ActnReqrd>	[0..1]	Indicator		1764
	Action <Actn>	[0..*]	±		1764
	AdditionalInformation <AddtlInf>	[0..*]	±		1766

#### 47.1.30.6.1 ResponseSourceIdentification <RspnSrcId>

*Presence:* [0..1]

*Definition:* Identification of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.6.2 ResponseSourceType <RspnSrcTp>

*Presence:* [0..1]

*Definition:* Type of response source.

*Datatype:* "PartyType26Code" on page 1833

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

CodeName	Name	Definition
OTHP	OtherPrivate	Other card payment entity type defined at private level

#### 47.1.30.6.3 ResponseSourceOtherType <RspnSrcOthrTp>

*Presence:* [0..1]

*Definition:* Other type of response source.

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.6.4 ResponseSourceAssigner <RspnSrcAssgnr>

*Presence:* [0..1]

*Definition:* Entity that assigns the identification for the response source.

*Datatype:* "PartyType9Code" on page 1835

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.

#### 47.1.30.6.5 ResponseSourceCountry <RspnSrcCtry>

*Presence:* [0..1]

*Definition:* Country of the response source

*Datatype:* "ISOMax3ACountryCode" on page 1822

#### 47.1.30.6.6 ResponseSourceShortName <RspnSrcShrtNm>

*Presence:* [0..1]

*Definition:* Short name of the response source

*Datatype:* "Max35Text" on page 1864

#### 47.1.30.6.7 ResponseCode <RspnCd>

*Presence:* [0..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).

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*Datatype:* "ISO8583ResponseCode" on page 1822

#### **47.1.30.6.8 ApprovalCode <ApprvlCd>**

*Presence:* [0..1]

*Definition:* Value assigned by the entity when the transaction is approved.

*Datatype:* "Exact6AlphaNumericText" on page 1858

#### **47.1.30.6.9 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 1854):

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

#### **47.1.30.6.10 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 "TrueFalseIndicator" on page 1854):

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

#### **47.1.30.6.11 Action <Actn>**

*Presence:* [0..\*]

*Definition:* Set of actions to be performed.

ISO 8583 bit 39



**Action <Actn>** contains the following elements (see "Action16" on page 1749 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	CodeSet		1750
	OtherType <OthrTp>	[0..1]	Text		1751
	Destination <Dstn>	[0..1]	CodeSet		1751
	OtherDestination <OthrDstn>	[0..1]	Text		1752
	DestinationType <DstnTp>	[0..1]	CodeSet		1752
	OtherDestinationType <OthrDstnTp>	[0..1]	Text		1752
	DestinationAddress <DstnAdr>	[0..1]	Text		1752
	Contact <Ctct>	[0..1]			1752
	Name <Nm>	[0..1]	Text		1753
	GivenName <GvnNm>	[0..1]	Text		1753
	MiddleName <MddlNm>	[0..1]	Text		1753
	LastName <LastNm>	[0..1]	Text		1753
	HomePhone <HomePhne>	[0..1]	Text		1754
	BusinessPhone <BizPhne>	[0..1]	Text		1754
	MobilePhone <MobPhne>	[0..1]	Text		1754
	OtherPhone <OthrPhne>	[0..1]	Text		1754
	PersonalEmail <PrsnlEmail>	[0..1]	Text		1754
	BusinessEmail <BizEmail>	[0..1]	Text		1754
	OtherEmail <OthrEmail>	[0..1]	Text		1754
	HomeFax <HomeFax>	[0..1]	Text		1754
	BusinessFax <BizFax>	[0..1]	Text		1755
	URL <URL>	[0..1]	Text		1755
	Language <Lang>	[0..1]	CodeSet		1755
	Format <Frmt>	[0..1]	CodeSet		1755
	OtherFormat <OthrFrmt>	[0..1]	Text		1755
	Content <Cntt>	[0..*]	±		1755
	Language <Lang>	[0..1]	CodeSet		1756
	Signature <Sgntr>	[0..1]	Binary		1756
	CertificateIdentification <CertId>	[0..1]	Text		1756

#### 47.1.30.6.12 AdditionalInformation <AddtlInf>

*Presence:* [0..\*]

*Definition:* Additional result information to be conveyed.

**AdditionalInformation <AddtlInf>** contains the following elements (see "[AdditionalData1](#)" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 47.1.31 Tax

### 47.1.31.1 Tax41

*Definition:* Description of tax.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[1..1]	CodeSet		1766
	OtherType <OthrTp>	[0..1]	Text		1772
	Description <Desc>	[0..1]	Text		1772
	Exemption <Xmptn>	[0..1]	Indicator		1772
	ExemptReason <XmptRsn>	[0..1]	Text		1772
	Amount <Amt>	[1..1]	Amount		1772
	Rate <Rate>	[0..1]	Rate		1772
	IncludedInTotal <InclnTtl>	[0..1]	Indicator		1773
	CreditDebit <CdtDbt>	[0..1]	CodeSet		1773

#### 47.1.31.1.1 Type <Tp>

*Presence:* [1..1]

*Definition:* Type of tax.

*Datatype:* "[AddendumTaxType3Code](#)" on page 1787

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

CodeName	Name	Definition
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.
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

CodeName	Name	Definition
		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.
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	FullIVAT	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.

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
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
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.

CodeName	Name	Definition
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.
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

CodeName	Name	Definition
		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.
DPTX	DepartureTax	Departure Tax

#### 47.1.31.1.2 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 1864

#### 47.1.31.1.3 Description <Desc>

*Presence:* [0..1]

*Definition:* Description of the tax.

*Datatype:* "Max35Text" on page 1864

#### 47.1.31.1.4 Exemption <Xmptn>

*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 1854):

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

#### 47.1.31.1.5 ExemptReason <XmptRsn>

*Presence:* [0..1]

*Definition:* Reason for tax exemption.

*Datatype:* "Max35Text" on page 1864

#### 47.1.31.1.6 Amount <Amt>

*Presence:* [1..1]

*Definition:* Tax amount.

*Datatype:* "ImpliedCurrencyAndAmount" on page 1783

#### 47.1.31.1.7 Rate <Rate>

*Presence:* [0..1]

*Definition:* Tax rate applied on original amount.



*Datatype:* "PercentageRate" on page 1857

#### 47.1.31.1.8 IncludedInTotal <InclInTtl>

*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 1854):

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

#### 47.1.31.1.9 CreditDebit <CdtDbt>

*Presence:* [0..1]

*Definition:* A code to indicate the amount is credit or debit

*Datatype:* "CreditDebit3Code" on page 1808

CodeName	Name	Definition
CRDT	Credit	Operation is an increase.
DBIT	Debit	Operation is a decrease.

## 47.1.32 Token

### 47.1.32.1 Token2

*Definition:* Unencrypted sensitive data of a token.

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	PaymentToken <PmtTkn>	[0..1]	Text		1773
	TokenExpiryDate <TknXpryDt>	[0..1]	YearMonth		1774
	TokenRequestorIdentification <TknRqstrld>	[0..1]	Text		1774
	TokenAssuranceData <TknAssrncData>	[0..1]	Text		1774
	TokenAssuranceMethod <TknAssrncMtd>	[0..1]	Text		1774
	TokenInitiatedIndicator <TknInittldInd>	[0..1]	Indicator		1774
	StorageLocation <StorgLctn>	[0..1]	CodeSet		1774
	OtherStorageLocation <OthrStorgLctn>	[0..1]	Text		1775
	ProtectionMethod <PrtcMtd>	[0..1]	CodeSet		1775
	OtherProtectionMethod <OthrPrtcMtd>	[0..1]	Text		1775
	AdditionalData <AddtlData>	[0..*]	±		1775

#### 47.1.32.1.1 PaymentToken <PmtTkn>

*Presence:* [0..1]

*Definition:* Surrogate value of the PAN.

*Datatype:* "Max19NumericText" on page 1862

**47.1.32.1.2 TokenExpiryDate <TknXpryDt>**

*Presence:* [0..1]

*Definition:* Expiry date of the payment token.

ISO 8583 bit 14.

*Datatype:* "ISOYearMonth" on page 1869

**47.1.32.1.3 TokenRequestorIdentification <TknRqstrId>**

*Presence:* [0..1]

*Definition:* Identification of a party requesting a token.

*Datatype:* "Max11NumericText" on page 1860

**47.1.32.1.4 TokenAssuranceData <TknAssrncData>**

*Presence:* [0..1]

*Definition:* Supporting information for the Token Assurance Method.

*Datatype:* "Max140Text" on page 1860

**47.1.32.1.5 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 1863

**47.1.32.1.6 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 1854):

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

**47.1.32.1.7 StorageLocation <StorgLctn>**

*Presence:* [0..1]

*Definition:* Storage location of the token.

*Datatype:* "StorageLocation1Code" on page 1844

CodeName	Name	Definition
CAWL	CardAcceptorWallet	Storage is in wallet managed by card acceptor.
DVCE	Device	Stored in device.

CodeName	Name	Definition
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.

#### 47.1.32.1.8 OtherStorageLocation <OthrStorgLctn>

*Presence:* [0..1]

*Definition:* Other private or national storage location code.

*Datatype:* "Max35Text" on page 1864

#### 47.1.32.1.9 ProtectionMethod <PrtcnMtd>

*Presence:* [0..1]

*Definition:* Method used to protect the token.

*Datatype:* "ProtectionMethod1Code" on page 1839

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.

#### 47.1.32.1.10 OtherProtectionMethod <OthrPrtcnMtd>

*Presence:* [0..1]

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

*Datatype:* "Max35Text" on page 1864

#### 47.1.32.1.11 AdditionalData <AddtlData>

*Presence:* [0..\*]

*Definition:* Additional token data.

**AdditionalData <AddtlData>** contains the following elements (see ["AdditionalData1" on page 1603](#) for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 47.1.33 Verification

### 47.1.33.1 Verification7

*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		1776
	OtherType <OthrTp>	[0..1]	Text		1776
	SubType <SubTp>	[0..1]	Text		1776
	Entity <Ntty>	[0..1]	CodeSet		1777
	OtherEntity <OthrNtty>	[0..1]	Text		1777
	Result <Rslt>	[0..1]	CodeSet		1777
	OtherResult <OthrRslt>	[0..1]	Text		1778
	ResultDetails <RsltDtls>	[0..*]	±		1778
	AdditionalInformation <AddtlInf>	[0..1]	Text		1778

#### 47.1.33.1.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of authentication or verification.

*Datatype:* ["ExternalAuthenticationMethod1Code" on page 1812](#)

#### 47.1.33.1.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of authentication.

*Datatype:* ["Max35Text" on page 1864](#)

#### 47.1.33.1.3 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 1864](#)

#### 47.1.33.1.4 Entity <Ntty>

*Presence:* [0..1]

*Definition:* Entity who actually performed the verification.

*Datatype:* "VerificationEntity2Code" on page 1853

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.

#### 47.1.33.1.5 OtherEntity <OthrNtty>

*Presence:* [0..1]

*Definition:* Other national or private entity in charge of the verification.

*Datatype:* "Max35Text" on page 1864

#### 47.1.33.1.6 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification3Code" on page 1853

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.

CodeName	Name	Definition
SUCC	Successful	Verification was successful.
ERRR	TechnicalError	Device or entity to perform the verification was unavailable.

#### 47.1.33.1.7 OtherResult <OthrRsIt>

*Presence:* [0..1]

*Definition:* Additional result of the verification, for instance for electronic commerce.

*Datatype:* "Max500Text" on page 1866

#### 47.1.33.1.8 ResultDetails <RsItDtIs>

*Presence:* [0..\*]

*Definition:* Details of the result.

**ResultDetails <RsItDtIs>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

#### 47.1.33.1.9 AdditionalInformation <AddtlInf>

*Presence:* [0..1]

*Definition:* Additional information about the verification.

*Datatype:* "Max35Text" on page 1864

#### 47.1.33.2 Verification6

*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		1779
	OtherType <OthrTp>	[0..1]	Text		1779
	SubType <SubTp>	[0..1]	Text		1779
	Data <Data>	[0..*]			1779
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781
	PINData <PINData>	[0..1]	±		1781
	Entity <Ntty>	[0..1]	CodeSet		1781
	OtherEntity <OthrNtty>	[0..1]	Text		1782
	Result <Rslt>	[0..1]	CodeSet		1782
	OtherResult <OthrRslt>	[0..1]	Text		1782
	ResultDetails <RsltDtls>	[0..*]	±		1782

#### 47.1.33.2.1 Type <Tp>

*Presence:* [0..1]

*Definition:* Type of authentication or verification.

*Datatype:* "ExternalAuthenticationMethod1Code" on page 1812

#### 47.1.33.2.2 OtherType <OthrTp>

*Presence:* [0..1]

*Definition:* Other type of authentication or verification.

*Datatype:* "Max35Text" on page 1864

#### 47.1.33.2.3 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 1864

#### 47.1.33.2.4 Data <Data>

*Presence:* [0..\*]

*Definition:* Contains verification or authentication data.

**Data <Data>** contains the following **VerificationValue1** elements

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Name <Nm>	[0..1]	Text		1780
	TextValue <TxtVal>	[0..1]	Text		1780
	BinaryValue <BinryVal>	[0..1]	Binary		1780
	HexadecimalBinaryValue <HexBinryVal>	[0..1]	Text		1780
	DateTime <DtTm>	[0..1]	DateTime		1780
	ValidityEndDate <VldtyEndDt>	[0..1]	Date		1780
	ValidityEndTime <VldtyEndTm>	[0..1]	Time		1781

#### 47.1.33.2.4.1 Name <Nm>

*Presence:* [0..1]

*Definition:* Name of the data to be verified, such as billing street.

*Datatype:* "Max35Text" on page 1864

#### 47.1.33.2.4.2 TextValue <TxtVal>

*Presence:* [0..1]

*Definition:* Value of the data expressed in text form.

*Datatype:* "Max2048Text" on page 1862

#### 47.1.33.2.4.3 BinaryValue <BinryVal>

*Presence:* [0..1]

*Definition:* Value of the data expressed in BASE-64 encoded binary form.

*Datatype:* "Max5000Binary" on page 1784

#### 47.1.33.2.4.4 HexadecimalBinaryValue <HexBinryVal>

*Presence:* [0..1]

*Definition:* Value of the data expressed in hexadecimal encoded binary form.

*Datatype:* "Max9999HexBinaryText" on page 1868

#### 47.1.33.2.4.5 DateTime <DtTm>

*Presence:* [0..1]

*Definition:* Date and time when the verification was performed.

*Datatype:* "ISODatetime" on page 1854

#### 47.1.33.2.4.6 ValidityEndDate <VldtyEndDt>

*Presence:* [0..1]

*Definition:* Contains end date of the verification that has been performed.



*Datatype:* "ISODate" on page 1854

#### 47.1.33.2.4.7 ValidityEndTime <VldtyEndTm>

*Presence:* [0..1]

*Definition:* Contains end time of the verification that has been performed.

*Datatype:* "ISOTime" on page 1869

#### 47.1.33.2.5 PINData <PINData>

*Presence:* [0..1]

*Definition:* Personal Identification Number data.

ISO 13492 and ISO 9564-1

**PINData <PINData>** contains the following elements (see "PINData1" on page 1663 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Control <Ctrl>	[0..1]	Text		1663
	KeySetIdentifier <KeySetIdr>	[0..1]	Text		1663
	DerivedInformation <DrvdInf>	[0..1]	Text		1664
	Algorithm <Algo>	[0..1]	Text		1664
	KeyLength <KeyLngth>	[0..1]	Text		1664
	KeyProtection <KeyPrctn>	[0..1]	Text		1664
	KeyIndex <KeyIndx>	[0..1]	Text		1664
	PINBlockFormat <PINBlckFrmt>	[1..1]	Text		1665
	EncryptedPINBlock <NcrptdPINBlck>	[1..1]	Text		1665

#### 47.1.33.2.6 Entity <Ntty>

*Presence:* [0..1]

*Definition:* Entity who actually performed the verification.

*Datatype:* "VerificationEntity2Code" on page 1853

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.

CodeName	Name	Definition
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.

#### 47.1.33.2.7 OtherEntity <OthrNtty>

*Presence:* [0..1]

*Definition:* Other national or private entity in charge of the verification.

*Datatype:* "Max35Text" on page 1864

#### 47.1.33.2.8 Result <Rslt>

*Presence:* [0..1]

*Definition:* Result of the verification.

*Datatype:* "Verification3Code" on page 1853

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.

#### 47.1.33.2.9 OtherResult <OthrRslt>

*Presence:* [0..1]

*Definition:* Additional result of the verification, for instance for electronic commerce.

*Datatype:* "Max500Text" on page 1866

#### 47.1.33.2.10 ResultDetails <RsltDtls>

*Presence:* [0..\*]

*Definition:* Details of the result.

**ResultDetails <RsItDtIs>** contains the following elements (see "AdditionalData1" on page 1603 for details)

Or	MessageElement<XML Tag>	Mult.	Type	Constr. No.	Page
	Type <Tp>	[0..1]	Text		1603
	Value <Val>	[0..1]	Text		1603

## 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 Max35Binary**

*Definition:* Specifies a binary string with a maximum length of 35 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	35

**47.2.2.6 Max5000Binary**

*Definition:* Specifies a binary string with a maximum length of 5000 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	5000

**47.2.2.7 Max500Binary**

*Definition:* Specifies a binary string with a maximum length of 500 binary bytes.

*Type:* Binary

**Format**

minLength	1
maxLength	500

47.2.2.8 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 ActionType14Code

*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.
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 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.
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)

### 47.2.3.5 AddendumTaxType3Code

*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.
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).

CodeName	Name	Definition
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.
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



CodeName	Name	Definition
		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.
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.

CodeName	Name	Definition
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
RCSB	RoomCountrySubdivision1	Room Country Subdivision1
RCSD	RoomCountrySubdivision2	Room Country Subdivision2
ROTX	RoomTax	Room Tax
RVAT	RoomVAT	Room VAT
ROVI	RoomVisitor	Room Visitor

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
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.
DPTX	DepartureTax	Departure Tax

#### 47.2.3.6 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.

#### 47.2.3.7 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)

CodeName	Name	Definition
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.

#### 47.2.3.8 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.

#### 47.2.3.9 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.

CodeName	Name	Definition
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 - November 6, 2001 - Advanced Encryption Standard).

#### 47.2.3.10 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).

#### 47.2.3.11 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).

CodeName	Name	Definition
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).
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).

### 47.2.3.12 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).

### 47.2.3.13 Algorithm7Code

*Definition:* Asymmetric encryption algorithm of a transport key.

*Type:* CodeSet

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).

### 47.2.3.14 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).

### 47.2.3.15 AttestationValue1Code

*Definition:* Attestation status value.

*Type:* CodeSet

CodeName	Name	Definition
CLAI	Claimed	Attestation claimed.
HONO	Honored	Attestation validated.
NCLA	NotClaimed	Attestation not claimed.
NHON	NotHonored	Attestation failed validation.



### 47.2.3.16 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).

### 47.2.3.17 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.
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

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
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.
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.

CodeName	Name	Definition
CHSN	CardholderCertificateSerialNumber	Serial number of the cardholder's certificate.

#### 47.2.3.18 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.

#### 47.2.3.19 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.

CodeName	Name	Definition
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).

#### 47.2.3.20 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.

#### 47.2.3.21 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	ICCProximity	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.

#### 47.2.3.22 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.

#### 47.2.3.23 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

CodeName	Name	Definition
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

#### 47.2.3.24 CardDataWriting1Code

*Definition:* Card writing capabilities of the terminal performing the transaction.

ISO 8583:93 bit 22-10, ISO 8583:2003 bit 27-8\_9

*Type:* CodeSet

CodeName	Name	Definition
ICPY	ICCPximity	ICC contactless proximity
MGST	MagneticStripe	Magnetic stripe.
ICCY	ICCContact	ICC contact capability
MSIP	MSIPximity	Magstripe image contactless proximity
OTHN	OtherNational	Other national capability type assigned at national level.
UNSP	Unspecified	Unspecified capability.
OTHP	OtherPrivate	Other card reading capability assigned on a private basis.

#### 47.2.3.25 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

#### 47.2.3.26 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.

#### 47.2.3.27 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



#### 47.2.3.28 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.

#### 47.2.3.29 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.

#### 47.2.3.30 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.
PETP	PeerToPeer	Peer to peer car rental activities.
OTHP	OtherPrivate	Other Private
OTHN	OtherNational	Other National
OTHR	Other	Other type of car rental activity.

#### 47.2.3.31 CarRentalServiceType2Code

*Definition:* Car rental service in addition to main car rental.

*Type:* CodeSet

CodeName	Name	Definition
ADJM	Adjustment	Rental amount adjustment

CodeName	Name	Definition
AUTH	Authorised	Authorised amount
BAST	BabySeat	Baby seat.
CLEA	Cleaning	Extra charges due to the need to clean the car.
DMGS	Damage	Charge for damages
DLVR	Delivery	Charge for delivery of rental vehicle
DPOF	DropOff	Drop off charges
ENTE	Entertainment	Entertainment
EXTC	ExtraCharges	Extra charges
EXDY	ExtraDays	Charges for extra days
EXDI	ExtraDistance	Charges for additional distance
EXHR	ExtraHours	Charges for extra hours
FINE	Fines	Police and related fines or violation fees re invoiced by vehicle rental company.
FUEL	Fuel	Fuel
GARA	Garage	Garage
GPSY	GlobalPositioningSystem	Global Positioning System (GPS)
INSU	Insurance	Insurance
LATE	LateReturn	Car returned late.
LIIN	LiabilityInsurance	Charges for liability insurance
LDIN	LossDamageInsurance	Charges for Loss Damage Insurance
MISC	Miscellaneous	Miscellaneous charges
NAVI	Navigation	Charges for navigation system
NOSH	NoShow	Customer no-show charges.
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.

### 47.2.3.32 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.

### 47.2.3.33 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.
OTHN	OtherNational	Other company assigner entity defined at national level.

### 47.2.3.34 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).

CodeName	Name	Definition
EVLP	EnvelopedData	Encrypted data, with encryption key - (ASN.1 Object Identifier: id-envelopedData).
DGST	DigestedData	Message digest - (ASN.1 Object Identifier: id-digestedData).
AUTH	AuthenticatedData	MAC (Message Authentication Code), with encryption key - (ASN.1 Object Identifier: id-ct-authData).

#### 47.2.3.35 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.

#### 47.2.3.36 CorporateTaxType1Code

*Definition:* Indicates the corporate tax identification type.

*Type:* CodeSet

CodeName	Name	Definition
SMBS	SmallBusiness	Small Business
OTHR	Other	Other
CORP	Corporate	Corporate

#### 47.2.3.37 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.

#### 47.2.3.38 CustomerAssigner1Code

*Definition:* Party assigning an identification to a customer.

*Type:* CodeSet

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.

#### 47.2.3.39 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

#### 47.2.3.40 CustomerType2Code

*Definition:* Type of customer.

*Type:* CodeSet

CodeName	Name	Definition
CSMR	Consumer	Consumer
CPNY	Company	Company

#### 47.2.3.41 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.

#### 47.2.3.42 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.

#### 47.2.3.43 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

#### 47.2.3.44 Endpoint1Code

*Definition:* Defines the type of endpoint.

*Type:* CodeSet

CodeName	Name	Definition
DEST	Destination	Destination

CodeName	Name	Definition
ORIG	Origination	Origination
OTHP	OtherPrivate	Type specified at a private level.
OTHN	OtherNational	Type specified at the national level.

#### 47.2.3.45 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.
OTHP	OtherPrivate	Other exchange rate agreement type that is privately defined.
SPOT	Spot	Spot agreement exchange rate type.

#### 47.2.3.46 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.
AGRД	Agreed	Exchange rate applied is the rate agreed between the parties.

#### 47.2.3.47 Exemption2Code

*Definition:* Strong customer authentication exemption.

*Type:* CodeSet

CodeName	Name	Definition
PKGE	TransportFareOrParkingFeeUnattendedPaymentExemption	Payment is processed in a environment where strong customer authentication is inappropriate.
TMBE	TrustedMerchantBeneficiaryExemption	Cardholder has enrolled the Card Acceptor in the exemption list of strong customer authentication.

CodeName	Name	Definition
RECP	RecurringPayment	Transaction is one of a series of recurring payment.
LOWA	LowAmountExemption	Transaction's amount is low and could be processed without strong customer authentication.
SCPE	SecureCorporatePaymentExemption	Transaction is a secure corporate payment.
TRAE	TransactionRiskAnalysisExemption	According to the transaction risk analysis the strong customer authentication is not mandated.
CTLS	ContactlessExemption	Contactless payment at point of sale exemption.
PAAC	PaymentAccountExemption	Payment account information exemption.
TRSP	TransferSamePersonExemption	Credit transfer between accounts held by the same natural or legal person exemption.

#### 47.2.3.48 ExternalAuthenticationMethod1Code

*Definition:* Code to specify the authentication method used, as published separately in an external authentication method code set.

External code sets can be downloaded from [www.iso20022.org](http://www.iso20022.org).

*Type:* CodeSet

##### Format

minLength	1
maxLength	4

#### 47.2.3.49 ExternalDeviceOperatingSystemType1Code

*Definition:* Type of operating system deployed on device, as published separately in an external device operating system type code set.

External code sets can be downloaded from [www.iso20022.org](http://www.iso20022.org).

*Type:* CodeSet

##### Format

minLength	1
maxLength	4

#### 47.2.3.50 ExternalMessageFunction1Code

*Definition:* Code to identify the type of process related to the message, as published separately in a message function external code set.



External code sets can be downloaded from [www.iso20022.org](http://www.iso20022.org).

Type: CodeSet

**Format**

minLength	1
maxLength	4

#### 47.2.3.51 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

#### 47.2.3.52 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.

#### 47.2.3.53 FleetPurchaseType1Code

*Definition:* List of codes representing type of fleet purchases.

Type: CodeSet

CodeName	Name	Definition
FUEL	Fuel	Fuel

CodeName	Name	Definition
NONF	NonFuel	Non fuel
FANF	FuelAndNonFuel	Fuel and non fuel

#### 47.2.3.54 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

#### 47.2.3.55 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.

#### 47.2.3.56 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.

CodeName	Name	Definition
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.
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.

#### 47.2.3.57 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.

CodeName	Name	Definition
TEND	TenDays	Event takes place every ten business days.
WEEK	Weekly	Event takes place once a week.

#### 47.2.3.58 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.
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.

#### 47.2.3.59 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.

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

#### 47.2.3.60 FundingSourceType3Code

*Definition:* Type of funding source used for a financial service.

*Type:* CodeSet

CodeName	Name	Definition
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.
LOYT	Loyalty	Loyalty points converted into cash.

#### 47.2.3.61 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.

CodeName	Name	Definition
SCBA	ShippingToCardholderBillingAddress	Shipping to cardholder billing address
SCSA	ShippingToConsumerSpecifiedShippingAddress	Shipping to consumer specified shipping address

#### 47.2.3.62 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.

#### 47.2.3.63 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.

#### 47.2.3.64 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.

#### 47.2.3.65 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.

#### 47.2.3.66 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.
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.

#### 47.2.3.67 InstalmentAmountDetailsType3Code

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
PRNC	Principal	Principal amount.
RQST	Requested	Requested amount
TAXX	Tax	Instalment amount tax
DCNT	Discount	Discount.

47.2.3.68 InstalmentPeriod1Code

Definition: Instalment period.

Type: CodeSet

CodeName	Name	Definition
MNTH	Monthly	Monthly instalment period.
ANNU	Annual	Annual instalment period.

47.2.3.69 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

47.2.3.70 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}

47.2.3.71 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}

47.2.3.72 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}

**47.2.3.73 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

**47.2.3.74 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}

**47.2.3.75 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}

**47.2.3.76 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}

47.2.3.77 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}

47.2.3.78 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}

47.2.3.79 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}

47.2.3.80 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}

47.2.3.81 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}

**47.2.3.82 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

**47.2.3.83 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

**47.2.3.84 LanguageCode***Definition:* Specifies a language.*Type:* CodeSet**Constraints**

- **ValidationByTable**

Must be a valid terrestrial language.

**47.2.3.85 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.
CNTY	County	Legal structure is a county.
NATI	National	Legal structure is a state.

#### 47.2.3.86 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.

#### 47.2.3.87 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

CodeName	Name	Definition
VHPA	VehicleParking	Vehicle parking available
VMRA	VehicleMaintenanceRepairBaysAvailable	Vehicle maintenance/repair bays available

#### 47.2.3.88 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.

#### 47.2.3.89 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.

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.

#### 47.2.3.90 LoyaltyValueType1Code

*Definition:* Type of value used for a loyalty programme.

*Type:* CodeSet

CodeName	Name	Definition
MILE	Miles	Value expressed in miles.
MONE	Monetary	Value expressed in monetary units.
OTHR	Other	Value expressed in any other type of loyalty value.
POIN	Points	Value expressed in points.
PRIV	PrivateCurrency	Value expressed in a private currency.

#### 47.2.3.91 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.

#### 47.2.3.92 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.
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

### 47.2.3.93 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.

### 47.2.3.94 MOTO2Code

*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

### 47.2.3.95 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.



CodeName	Name	Definition
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.

#### 47.2.3.96 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.

CodeName	Name	Definition
REFU	Refugee	Travel or related document issued to refugees.

#### 47.2.3.97 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

#### 47.2.3.98 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.

#### 47.2.3.99 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.

### 47.2.3.100 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.
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.

### 47.2.3.101 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.

CodeName	Name	Definition
AGNT	Agent	Entity providing card payment processing services acting as an intermediary between an acquirer and an issuer.

#### 47.2.3.102 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.

#### 47.2.3.103 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

### 47.2.3.104 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.
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.

### 47.2.3.105 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
OTHP	OtherPrivate	Other card payment entity type defined at private level
CLRA	ClearingAgent	Agent in charge of clearing payment or related transactions.

### 47.2.3.106 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.

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

#### 47.2.3.107 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.

#### 47.2.3.108 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

#### 47.2.3.109 PartyType34Code

*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.
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.
OTHN	OtherNational	Other card payment entity type defined at national level
OTHP	OtherPrivate	Other card payment entity type defined at private level

#### 47.2.3.110 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.

#### 47.2.3.111 PeriodUnit2Code

*Definition:* Time expressed in period units.

*Type:* CodeSet

CodeName	Name	Definition
HOURL	Hours	Period unit expressed in hours.
HFDA	HalfDays	Half days
DAYS	Days	Counted in days.
WEEK	Weeks	Counted in weeks.

CodeName	Name	Definition
MNTH	Months	Counted in months.
YEAR	Years	Counted in years.
MINU	Minutes	Period unit expressed in minutes
OTHR	Other	Counted in some other unit.

#### 47.2.3.112 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

#### 47.2.3.113 PeriodUnit4Code

*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
MINU	Minutes	Period unit expressed in minutes
HFDA	HalfDays	Half days
HOUR	Hours	Period unit expressed in hours.
OTHR	Other	Counted in some other unit.

#### 47.2.3.114 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.

#### 47.2.3.115 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.

#### 47.2.3.116 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.
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).

CodeName	Name	Definition
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.

#### 47.2.3.117 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.

#### 47.2.3.118 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

CodeName	Name	Definition
		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

#### 47.2.3.119 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.
SOFT	Software	Software protection method.
TEEN	TrustedExecutionEnvironment	Trusted execution environment method.

#### 47.2.3.120 PurchaseIdentifierType2Code

*Definition:* Identifies the type of identifier used in the Purchase Identifier field.

*Type:* CodeSet

CodeName	Name	Definition
OTHN	OtherNational	Other Purchase Identifier defined at a national level.
OTHP	OtherPrivate	Other Purchase Identifier defined at a private level.
SUIN	SupplierInvoice	Supplier Invoice
RELO	RecordLocator	Record Locator
INNU	InvoiceNumber	Invoice Number
PUID	PurchaseIdentification	Purchase Identification
RENU	RentalNumber	Rental Number
RSNU	ReservationNumber	Reservation Number
TINU	TicketNumber	Ticket Number
SUOR	SupplierOrder	Supplier Order
CONU	ContractNumber	Contract Number
FONU	FolioNumber	Folio Number

CodeName	Name	Definition
PRNU	PaymentReferenceNumber	Payment Reference Number
ORNU	OrderNumber	Order Number
CUOR	CustomerOrder	Customer Order
CUPO	CustomerPurchaseOrder	Customer Purchase Order
REAG	RentalAgreement	Rental Agreement
TRNU	TrackingNumber	Tracking Number
TREF	TransactionReference	Transaction Reference Number

#### 47.2.3.121 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.
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.

#### 47.2.3.122 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.

#### 47.2.3.123 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.

CodeName	Name	Definition
ISSG	Issuing	Issuing activity
OTHN	OtherNational	Other reconciliation activity type defined at national level
OTHP	OtherPrivate	Other reconciliation activity type defined at private level

#### 47.2.3.124 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.
CGBK	Chargeback	Reconciliation category is a chargeback.

#### 47.2.3.125 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

#### 47.2.3.126 ReconciliationImpact1Code

*Definition:* Reconciliation credit or debit indicator.

*Type:* CodeSet

CodeName	Name	Definition
DEBT	Debit	Debit category
CRDT	Credit	Credit category

#### 47.2.3.127 ReconciliationMessageType2Code

*Definition:* Contains the reconciliation message type.

*Type:* CodeSet

CodeName	Name	Definition
BATR	BatchTransferResponse	Batch Transfer Response
CAMI	CardManagementInitiation	Card Management Initiation

CodeName	Name	Definition
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
FIAR	FileActionResponse	File Action Response
FINR	FinancialResponse	Financial Response
FINI	FinancialInitiation	Financial Initiation
FRDI	FraudDispositionInitiation	Fraud Disposition Initiation
FRDR	FraudDispositionResponse	Fraud Disposition Response
FRRI	FraudReportingInitiation	Fraud Reporting Initiation
FRRR	FraudReportingResponse	Fraud Reporting Response
INQI	InquiryInitiation	Inquiry Initiation
INQR	InquiryResponse	Inquiry Response
KYEI	KeyExchangeInitiation	Key Exchange Initiation
KYER	KeyExchangeResponse	Key Exchange Response
NWMI	NetworkManagementInitiation	Network Management Initiation.
NWMR	NetworkManagementResponse	Network Management Response
RECI	ReconciliationInitiation	Reconciliation Initiation
RECR	ReconciliationResponse	Reconciliation Response
RTFI	RetrievalFulfilmentInitiation	Retrieval Fulfilment Initiation
RTFR	RetrievalFulfilmentResponse	Retrieval Fulfilment Response
RTRI	RetrievalResponse	Retrieval Response
REVI	ReversalInitiation	Reversal Initiation
REVR	ReversalResponse	Reversal Response
SERI	SettlementReportingInitiation	Settlement Reporting Initiation
SERR	SettlementReportingResponse	Settlement Reporting Response
VERI	VerificationInitiation	Verification Initiation.
VERR	VerificationResponse	Verification Response
AMDT	Amendment	Amendment
ATHI	AuthorisationInitiation	Authorisation Initiation
ATHR	AuthorisationResponse	Authorisation Response
BAMI	BatchManagementInitiation	Batch Management Initiation

CodeName	Name	Definition
BAMR	BatchManagementResponse	Batch Management Response
BATI	BatchTransferInitiation	Batch Transfer Initiation
ADDI	AddendumInitiation	Addendum initiation
ADDR	AddendumResponse	Addendum response
RTVI	RetrievalInitiation	Retrieval Initiation Message

#### 47.2.3.128 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.

#### 47.2.3.129 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.
CPTe	CardholderPointToPointEncryption	Encryption initiated by the cardholder to secure point-to-point communication channel.
CENC	ChannelEncryption	Encryption used to secure the communication channel.
CMAC	ChannelMAC	Usage of MAC to secure a communication channel
ETEE	EndToEndEncryption	Encryption used from one end to the other end of the communication channel.
METE	MerchantEndToEndEncryption	Encryption initiated by the merchant to secure end-to-end communication channel.
MPTE	MerchantPointToPointEncryption	Encryption initiated by the merchant to secure point-to-point communication channel.
OPNN	OpenNetwork	Open network
PMAC	PassthroughMAC	MAC used in a pass-through communication mode

CodeName	Name	Definition
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

#### 47.2.3.130 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.

#### 47.2.3.131 SoftwareType1Code

*Definition:* Software type code.

*Type:* CodeSet

CodeName	Name	Definition
MFFW	ManufacturerFirmware	Manufacturer Firmware.
MFSW	ManufacturerSoftware	Manufacturer Software.
APSW	ApplicationSoftware	Application Software.
OTHP	OtherPrivate	Private code.
OTHN	OtherNational	National code.

#### 47.2.3.132 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.

#### 47.2.3.133 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

#### 47.2.3.134 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

### 47.2.3.135 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
HOLI	Holiday	Holiday
HAZD	Hazard	Hazard

### 47.2.3.136 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.

### 47.2.3.137 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.

### 47.2.3.138 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.

#### 47.2.3.139 TransactionAttribute2Code

*Definition:* Attribute related to the transaction.

*Type:* CodeSet

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.

#### 47.2.3.140 TransactionInitiator1Code

*Definition:* Identifies the transaction initiator.

*Type:* CodeSet

CodeName	Name	Definition
MERC	Merchant	Merchant initiated transaction.
CUST	Customer	Customer initiated transaction.

#### 47.2.3.141 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

#### 47.2.3.142 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

#### 47.2.3.143 TypeOfAmount21Code

*Definition:* Type or class of amount.

*Type:* CodeSet

CodeName	Name	Definition
INTC	InterchangeFee	Interchange fee.
FEPP	ProcessingFees	Processing fees.
OTHN	OtherNational	Other type of amount defined at national level.

CodeName	Name	Definition
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.

#### 47.2.3.144 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.

#### 47.2.3.145 TypeOfAmount23Code

*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.
FEES	Fees	Fees.

#### 47.2.3.146 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.

#### 47.2.3.147 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.

CodeName	Name	Definition
USGA	USGallon	Unit of volume that is equal to 8 pints.
GRAM	Gram	Unit of measure that is equal to a 1, 000th of a kilo.
INCH	Inch	Measure of length equal to 2.54 cm.
KILO	Kilogram	Basic unit of mass in the SI system, 1000 grams.
PUND	Pound	Unit of weight equal to 0.454 kilograms.
METR	Metre	Unit of length in the metric system, equal to 39.37 inches.
CMET	Centimetre	Unit of measure that is equal to one hundredth of a metre.
MMET	Millimetre	Unit of measure that is a thousandth of one metre.
LITR	Litre	Unit of volume that is equal to a thousand cubic centimetres.
CELI	Centilitre	Unit of volume that is equal to one hundredth of a litre.
MILI	MilliLitre	Unit of volume that is equal to one thousandth of a litre.
GBOU	GBOunce	Unit of weight equal to a sixteenth of a pound.
USOU	USOunce	Unit of weight equal to a sixteenth of a pound.
GBQA	GBQuart	Unit of volume that is equal to 2 pints.
USQA	USQuart	Unit of volume that is equal to 2 pints.
GBPI	GBPint	Unit of volume that is equal to 568 cubic centimetres.
USPI	USPint	Unit of volume that is equal to 473 cubic centimetres.
MILE	Mile	Unit of length equal to 1, 760 yards.
KMET	Kilometre	Unit of measure that is equal to 1, 000 meters.
YARD	Yard	Unit of length equal to 3 feet or 0.9144 metre.
SQKI	SquareKilometre	Measure of a surface, one kilometre by one kilometre.
HECT	Hectare	Unit of measure that is equal to 10, 000 square meters.
ARES	Are	Unit of measure equal to a 100 square meters.
SMET	SquareMetre	Measure of a surface, one metre by one metre.
SCMT	SquareCentimetre	Measure of a surface, one centimetre by one centimetre.

CodeName	Name	Definition
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.

#### 47.2.3.148 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.

#### 47.2.3.149 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.
CLRA	ClearingAgentApplication	Data dedicated to an application maintained by a clearing agent.

#### 47.2.3.150 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.



CodeName	Name	Definition
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.

#### 47.2.3.151 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.

#### 47.2.3.152 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.

CodeName	Name	Definition
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

## 47.2.7      Quantity

### 47.2.7.1    DecimalNumber

*Definition:* Number of objects represented as a decimal number, for example 0.75 or 45.6.

*Type:* Quantity

**Format**

totalDigits	18
fractionDigits	17

### 47.2.7.2    Max10NumberFraction2

*Definition:* Number of objects represented as a decimal number, for example, 0.75 or 45.6.

*Type:* Quantity

**Format**

totalDigits	10
fractionDigits	2

### 47.2.7.3    Max10PositiveNumber

*Definition:* Number of objects represented as a positive integer.

*Type:* Quantity

**Format**

minInclusive	1
totalDigits	10
fractionDigits	0

### 47.2.7.4    Max1Number

*Definition:* Number (max 9) of objects represented as an integer.

*Type:* Quantity

**Format**

totalDigits	1
fractionDigits	0

### 47.2.7.5    Max5PositiveNumber

*Definition:* Number of objects represented as a positive integer.

*Type:* Quantity

**Format**

minInclusive	1
totalDigits	5
fractionDigits	0

**47.2.7.6 Max6NumberFraction2**

*Definition:* Number of objects represented as a decimal number, for example, 1234.75 or 0.06

*Type:* Quantity

**Format**

totalDigits	6
fractionDigits	2

**47.2.7.7 Number**

*Definition:* Number of objects represented as an integer.

*Type:* Quantity

**Format**

totalDigits	18
fractionDigits	0

**47.2.8 Rate**

**47.2.8.1 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

**47.2.8.2 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
-----------	-----

47.2.8.3 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

47.2.9 Text

47.2.9.1 Exact12Text

Definition: Specifies a character string with an exact length of 10 characters.

Type: Text

Format

length	12
--------	----

47.2.9.2 Exact15Text

Definition: Specifies a character string with an exact length of 15 characters.

Type: Text

Format

length	15
--------	----

47.2.9.3 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}
---------	-----------------------

47.2.9.4 Exact1NumericText

Definition: Specifies a numeric string with an exact length of 1 digit.

Type: Text

Format	
pattern	[0-9]

47.2.9.5 Exact2NumericText

*Definition:* Specifies a numeric string with an exact length of 2 digits.  
*Type:* Text

Format	
pattern	[0-9]{2}

47.2.9.6 Exact3NumericText

*Definition:* Specifies a numeric string with an exact length of 3 digits.  
*Type:* Text

Format	
pattern	[0-9]{3}

47.2.9.7 Exact6AlphaNumericText

*Definition:* Specifies an alphanumeric string with a length of 6 characters.  
*Type:* Text

Format	
pattern	[a-zA-Z0-9s]{6}

47.2.9.8 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})?

47.2.9.9 Max1000Text

*Definition:* Specifies a character string with a maximum length of 1000 characters.  
*Type:* Text

Format	
minLength	1
maxLength	1000

47.2.9.10 Max100Text

Definition: Specifies a character string with a maximum length of 100 characters.

Type: Text

Format

minLength	1
maxLength	100

47.2.9.11 Max104Text

Definition: Specifies a character string with a maximum length of 104 characters.

Type: Text

Format

minLength	1
maxLength	104

47.2.9.12 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}
---------	-----------------------------

47.2.9.13 Max10KText

Definition: Specifies a character string with a maximum length of 10 000 characters.

Type: Text

Format

minLength	1
maxLength	10000

47.2.9.14 Max10MbText

Definition: Specifies a character string with a maximum length of 10,000,000 characters.

Type: Text

Format

minLength	1
-----------	---

maxLength

10000000

47.2.9.15 Max10NumericText

Definition: Specifies a numeric string with a maximum length of 10 digits.

Type: Text

Format

pattern

[0-9]{1,10}

47.2.9.16 Max10Text

Definition: Specifies a character string with a maximum length of 10 characters.

Type: Text

Format

minLength

1

maxLength

10

47.2.9.17 Max11NumericText

Definition: Specifies a numeric string with a maximum length of 11 digits.

Type: Text

Format

pattern

[0-9]{1,11}

47.2.9.18 Max12NumericText

Definition: Specifies a numeric string with a maximum length of 12 digits

Type: Text

Format

pattern

[0-9]{1,12}

47.2.9.19 Max140Text

Definition: Specifies a character string with a maximum length of 140 characters.

Type: Text

Format

minLength

1

maxLength

140

47.2.9.20 Max15NumericText

Definition: Specifies a numeric string with a maximum length of 15 digits.



Type: Text

Format

pattern	[0-9]{1,15}
---------	-------------

47.2.9.21 Max15Text

Definition: Specifies a character string with a maximum length of 15 characters.

Type: Text

Format

minLength	1
maxLength	15

47.2.9.22 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}
---------	--------------------------

47.2.9.23 Max16Text

Definition: Specifies a character string with a maximum length of 16 characters.

Type: Text

Format

minLength	1
maxLength	16

47.2.9.24 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}
---------	--------------------------

47.2.9.25 Max19NumericText

Definition: Specifies a numeric string with a maximum length of 19 digits.

Type: Text

Format

pattern	[0-9]{1,19}
---------	-------------

47.2.9.26 Max200Text

Definition: Specifies a character string with a maximum length of 200 characters.

Type: Text

Format

minLength	1
maxLength	200

47.2.9.27 Max2048Text

Definition: Specifies a character string with a maximum length of 2048 characters.

Type: Text

Format

minLength	1
maxLength	2048

47.2.9.28 Max20KText

Definition: Specifies a character string with a maximum length of 20 000 characters.

Type: Text

Format

minLength	1
maxLength	20000

47.2.9.29 Max20Text

Definition: Specifies a character string with a maximum length of 20 characters.

Type: Text

Format

minLength	1
maxLength	20

47.2.9.30 Max210Text

Definition: Specifies a character string with a maximum length of 210 characters.

Type: Text

Format

minLength	1
maxLength	210

47.2.9.31 Max23NumericText

Definition: Specifies a numeric string with a maximum length of 23 digits

Type: Text

Format

pattern	[0-9]{1,23}
---------	-------------

47.2.9.32 Max256Text

Definition: Specifies a character string with a maximum length of 256 characters.

Type: Text

Format

minLength	1
maxLength	256

47.2.9.33 Max280Text

Definition: Specifies a character string with a maximum length of 280 characters.

Type: Text

Format

minLength	1
maxLength	280

47.2.9.34 Max2NumericText

Definition: Specifies a numeric string with a maximum length of 2 digits.

Type: Text

Format

pattern	[0-9]{1,2}
---------	------------

47.2.9.35 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}
---------	--------------------------

47.2.9.36 Max350Text

Definition: Specifies a character string with a maximum length of 350 characters.

Type: Text

Format

minLength	1
maxLength	350

47.2.9.37 Max35NumericText

Definition: Specifies a numeric string with a maximum length of 35 digits.

Type: Text

Format

pattern	[0-9]{1,35}
---------	-------------

47.2.9.38 Max35Text

Definition: Specifies a character string with a maximum length of 35 characters.

Type: Text

Format

minLength	1
maxLength	35

47.2.9.39 Max37Text

Definition: Specifies a character string with a maximum length of 37 characters.

Type: Text

Format

minLength	1
maxLength	37

47.2.9.40 Max3NumericText

Definition: Specifies a numeric string with a maximum length of 3 digits.

Type: Text

Format

pattern	[0-9]{1,3}
---------	------------

47.2.9.41 Max4000Text

Definition: Specifies a character string with a maximum length of 4000 characters.

Type: Text

Format

minLength	1
maxLength	4000

47.2.9.42 Max40KText

Definition: Specifies a character string with a maximum length of 40 000 characters.

Type: Text

Format

minLength	1
maxLength	40000

47.2.9.43 Max40Text

Definition: Specifies a character string with a maximum length of 40 characters.

Type: Text

Format

minLength	1
maxLength	40

47.2.9.44 Max4NumericText

Definition: Specifies a numeric string with a maximum length of 4 digits.

Type: Text

Format

pattern	[0-9]{1,4}
---------	------------

47.2.9.45 Max4Text

Definition: Specifies a character string with a maximum length of 4 characters.

Type: Text

**Format**

minLength	1
maxLength	4

**47.2.9.46 Max500Text**

*Definition:* Specifies a character string with a maximum length of 500 characters.

*Type:* Text

**Format**

minLength	1
maxLength	500

**47.2.9.47 Max50Text**

*Definition:* Specifies a character string with a maximum length of 50 characters.

*Type:* Text

**Format**

minLength	1
maxLength	50

**47.2.9.48 Max512Text**

*Definition:* Specifies a character string with a maximum length of 512 characters.

*Type:* Text

**Format**

minLength	1
maxLength	512

**47.2.9.49 Max5NumericText**

*Definition:* Specifies a numeric string with a maximum length of 5 digits.

*Type:* Text

**Format**

pattern	[0-9]{1,5}
---------	------------

**47.2.9.50 Max6NumericText**

*Definition:* Specifies a numeric string with a maximum length of 6 digits.

*Type:* Text

**Format**

pattern	[0-9]{1,6}
---------	------------

**47.2.9.51 Max6Text**

*Definition:* Specifies a character string with a maximum length of 6 characters.

*Type:* Text

**Format**

minLength	1
maxLength	6

**47.2.9.52 Max70Text**

*Definition:* Specifies a character string with a maximum length of 70characters.

*Type:* Text

**Format**

minLength	1
maxLength	70

**47.2.9.53 Max76Text**

*Definition:* Specifies a character string with a maximum length of 76 characters.

*Type:* Text

**Format**

minLength	1
maxLength	76

**47.2.9.54 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})
---------	---------------------------

**47.2.9.55 Max8NumericText**

*Definition:* Specifies a numeric string with a maximum length of 8 digits.

*Type:* Text

**Format**

pattern	[0-9]{1,8}
---------	------------

**47.2.9.56 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})
---------	------------------------------

**47.2.9.57 Max99Text**

*Definition:* Specifies a character string with a maximum length of 99 characters.

*Type:* Text

**Format**

minLength	1
maxLength	99

**47.2.9.58 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}
---------	------------

**47.2.9.59 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}
---------	------------------------------



## 47.2.10 Time

### 47.2.10.1 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

## 47.2.11 YearMonth

### 47.2.11.1 ISOYearMonth

*Definition:* Month within a particular calendar year represented by YYYY-MM (ISO 8601).

*Type:* YearMonth