**Maintenance Change Request**

**for the update of ISO 20022 financial repository items**

The following CRs have been approved for implementation in 2021/2022:

CR0984 - Minor Changes fixes separated in CR0984-xy

CR0979 - Critical Fixes separated in CR0979-xy

CR0981 - Enhancements-New Field separated in CR0981-xy

CR0982 - Enhancements-New Message

1. **Name of the request:**

Acquirer to Issuer Card Messages (ATICA) update to v3

1. **Submitting organization(s):**

ISO TC68 / SC09 / TG01.

1. **Related messages:**

|  |  |
| --- | --- |
| caad.005.001.03 | ReconciliationInitiationV03 |
| caad.006.001.03 | ReconciliationResponseV03 |
| cafc.001.001.02 | FeeCollectionInitiationV02 |
| cafc.002.001.02 | FeeCollectionResponseV02 |
| cafm.001.001.02 | FileActionInitiationV02 |
| cafm.002.001.02 | FileActionResponseV02 |
| cafr.001.001.02 | FraudReportingInitiationV02 |
| cafr.002.001.02 | FraudReportingResponseV02 |
| cafr.003.001.02 | FraudDispositionInitiationV02 |
| cafr.004.001.02 | FraudDispositionResponseV02 |
| cain.001.001.03 | AuthorisationInitiationV03 |
| cain.002.001.03 | AuthorisationResponseV03 |
| cain.003.001.03 | FinancialInitiationV03 |
| cain.004.001.03 | FinancialResponseV03 |
| cain.005.001.03 | ReversalInitiationV03 |
| cain.006.001.03 | ReversalResponseV03 |
| cain.014.001.02 | RetrievalFulfilmentInitiationV02 |
| cain.015.001.02 | RetrievalFulfilmentResponseV02 |
| cain.016.001.02 | InquiryInitiationV02 |
| cain.017.001.02 | InquiryResponseV02 |
| cain.018.001.02 | VerificationInitiationV02 |
| cain.019.001.02 | VerificationResponseV02 |
| cain.020.001.02 | AmendmentV02 |
| cain.021.001.02 | RetrievalInitiationV02 |
| cain.022.001.02 | RetrievalResponseV02 |
| cain.023.001.02 | CardManagementInitiationV02 |
| cain.024.001.02 | CardManagementResponseV02 |
| cain.025.001.02 | AddendumInitiationV02 |
| cain.026.001.02 | AddendumResponseV02 |
| cain.027.001.02 | ChargeBackInitiationV02 |
| cain.028.001.02 | ChargeBackResponseV02 |
| canm.001.001.03 | NetworkManagementInitiationV03 |
| canm.002.001.03 | NetworkManagementResponseV03 |
| canm.003.001.03 | KeyExchangeInitiationV03 |
| canm.004.001.03 | KeyExchangeResponseV03 |
| casr.001.001.02 | SettlementReportingInitiationV02 |
| casr.002.001.02 | SettlementReportingResponseV02 |

1. **Commitments of the submitting organization:**

ISO TC68 / SC09 / TG01 confirms that it can and will:

* undertake the development of the new version of the candidate ISO 20022 message models that it will submit to the RA for compliance review and evaluation. For the ISO 20022 yearly maintenance cycle, new valid Message Definition models must be available to the RA by December 1.
* provide a new version of part 1 of the Message Definition Report (MDR) by December 1, and, optionally, new examples of valid and invalid message instances of each candidate message by May 1 at the latest.
* address any queries related to the description of the new models and messages as published by the RA on the ISO 20022 website.

If the submitting organization cannot develop all or part of the changes included in this Maintenance Change Request in the timeframe agreed by the SEG, it must propose an alternative solution for the change requests it cannot develop in time (eg postpone to a later date or to the next yearly maintenance cycle).

The submitting organization does not intend to organize any testing or the actual implementation of the new version of the messages once the related documentation has been published by the RA.

The submitting organization confirms its knowledge and acceptance of the ISO 20022 Intellectual Property Rights policy for contributing organizations, as follows.

*“Organizations that contribute information to be incorporated into the ISO 20022 Repository shall keep any Intellectual Property Rights (IPR) they have on this information. A contributing organization warrants that it has sufficient rights on the contributed information to have it published in the ISO 20022 Repository through the ISO 20022 Registration Authority in accordance with the rules set in ISO 20022. To ascertain a widespread, public and uniform use of the ISO 20022 Repository information, the contributing organization grants third parties a non-exclusive, royalty-free license to use the published information”.*

1. **Contact persons:**

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+1 (650) 432-4591

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# Change Key:

**Items in blue have changed**

~~Items in red to be removed~~

*Items in green are new*

# ATICA MCR-V3 CR0984 – Minor Fixes

**for the update of ISO 20022 financial repository items**

*Note: the purpose of this document is to give guidelines to parties who want to introduce a request to change an existing ISO 20022 message(s), or update other items of the ISO 20022 financial repository. Such change requests are subject to the approval of the ISO 20022 Standards Evaluation Group(s) in charge of the related message/item or to the approval of the Technical Support Group (TSG), if the requested change relates to the Business Application Header (BAH). Please consult the iso20022.org website for additional details on the* [*maintenance process*](http://www.iso20022.org/maintenance.page)*. Change requests are to be sent to* [*iso20022ra@iso20022.org*](mailto:iso20022ra@iso20022.org)*. All change requests conforming to this template received by June 1st will be considered for development in the following yearly ISO 20022 maintenance cycle which completes with publication of new message versions in April/May of the following year.*

1. **Origin of the request:**

*A.1 Submitter*: ISO TC68/SC9/TG1

*A.2 Contact person:*

Douglas FrantzDFrantz@visa.com+1 (650) 432-4591

*A.3 Sponsors:* ISO TC68/SC9/TG1

1. **Related messages:**

caad.001.001.02          BatchManagementInitiationV02

caad.002.001.02          BatchManagementResponseV02

caad.003.001.01          BatchTransferInitiationV01

caad.004.001.01          BatchTransferResponseV01

caad.005.001.03          ReconciliationInitiationV03

caad.006.001.03          ReconciliationResponseV03

caad.007.001.03          ErrorV03

cafc.001.001.02          FeeCollectionInitiationV02

cafc.002.001.02          FeeCollectionResponseV02

cafm.001.001.02         FileActionInitiationV02

cafm.002.001.02         FileActionResponseV02

cafr.001.001.02           FraudReportingInitiationV02

cafr.002.001.02           FraudReportingResponseV02

cafr.003.001.02           FraudDispositionInitiationV02

cafr.004.001.02           FraudDispositionResponseV02

cain.001.001.03          AuthorisationInitiationV03

cain.002.001.03          AuthorisationResponseV03

cain.003.001.03          FinancialInitiationV03

cain.004.001.03          FinancialResponseV03

cain.005.001.03          ReversalInitiationV03

cain.006.001.03          ReversalResponseV03

cain.014.001.02          RetrievalFulfilmentInitiationV02

cain.015.001.02          RetrievalFulfilmentResponseV02

cain.016.001.02          InquiryInitiationV02

cain.017.001.02          InquiryResponseV02

cain.018.001.02          VerificationInitiationV02

cain.019.001.02          VerificationResponseV02

cain.020.001.01          AmendmentV01

cain.021.001.02          RetrievalInitiationV02

cain.022.001.02          RetrievalResponseV02

cain.023.001.02          CardManagementInitiationV02

cain.024.001.02          CardManagementResponseV02

cain.025.001.02          AddendumInitiationV02

cain.026.001.02          AddendumResponseV02

cain.027.001.02          ChargeBackInitiationV02

cain.028.001.02          ChargeBackResponseV02

canm.001.001.03        NetworkManagementInitiationV03

canm.002.001.03        NetworkManagementResponseV03

canm.003.001.03        KeyExchangeInitiationV03

canm.004.001.03        KeyExchangeResponseV03

casr.001.001.02           SettlementReportingInitiationV02

casr.002.001.02           SettlementReportingResponseV02

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1. **Description of the change request:**

The following changes provide corrections or minor modifications to existing structures and components. The types of change include, but are not limited to:

* Field size changes to match 8583 or other needs
* Updating elements or components cardinality
* New codes or data elements to existing components
* Definition updates / corrections

These changes provide alignment with current market practices. These changes were brought forth from stakeholders as a result of internal reviews and feedback to TG1.

1. **Purpose of the change:**

These changes include corrections to support existing and evolving business practices, payment methods and services, inclusion of additional data to support these processes, regulatory requirements and compatibility with existing standards and implementations. The card industry is evolving rapidly. These changes will enhance the ATICA message set to better support use of ISO 20022 ATICA messages within the card industry.

1. **Urgency of the request:**

Normal Maintenance Cycle

1. **Business examples:**

* Field size expansion for an existing data element.
  + Field Size Expansion - In AccountDetails Expand the length of AccountIdentification. Some Account Identifiers are larger than Max35text.
* New element for an existing component.
  + Acceptor1 - Add "Legal Corporate Name". Currently the model supports only one name (DBA Name). For regulatory purposes ATICA also needs to include Legal Corporate Name.
* New code added to an existing data element.
  + Adding an additional code for taxable amount.
* Updated definition for a data element / component.
  + Change definition of InstalmentAmountDetails1/Type for additional and expanded use of the component.

1. **SEG/TSG recommendation:**

*This section is not to be taken care of by the submitter of the change request. It will be completed in due time by the SEG(s) in charge of the related ISO 20022 messages or the TSG for changes related to the BAH.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Consider** | | X | **Timing** |
|  | | - **Next yearly cycle: 2021/2022**  (the change will be considered for implementation in the yearly maintenance cycle which starts in 2021 and completes with the publication of new message versions in the spring of 2022) | |  |
|  | | - **At the occasion of the next maintenance of the messages**  (the change will be considered for implementation, but does not justify maintenance of the messages in its own right – will be pending until more critical change requests are received for the messages) | |  |
|  | | - **Urgent unscheduled**  (the change justifies an urgent implementation outside of the normal yearly cycle) | |  |  |
|  | | - **Other timing:** | | |  |

Comments:

Card SEG Meeting on 29/09/2021

Cards SEG Participants:

* Duvall Richard
* Groves Ian
* Herwig Reinhard
* Karsten Pierre
* Morelli Vince
* Powell Glenn
* Sasor Tomasz
* Vanobberghen William

and

* Philippe Cece for nexo
* Frantz Douglas for TG1 (apologized)
* Pierre Moura for nexo

The change requests are approved by the participants.

|  |  |
| --- | --- |
| **Reject** |  |

Reason for rejection:

## CR0984-1: Update elements which use ISO2Or3ACountryCode and ISO3NumericCurrencyCode

#### Description

Update elements which use ISO2Or3ACountryCode with descriptions to include ISO 3166 and ISO3NumericCurrencyCode with descriptions to include ISO 4217 where appropriate.

#### Existing component

Existing Descriptions of Elements using ISO3NumericCurrencyCode but does not list ISO 4217:

* Balance16:
  + Currency: “Currency of the account”
* RentalDetails2:
  + Currency: “Currency code applied for the rental.”
* FeeAmount3:
  + Currency: “Currency for the type of amount.”
* Location4:
  + Local Currency: “Local currency.”
* ExchangeRateDetail1:
  + Counter Currency Code: “Identifies the counter currency used for currency conversion for the transaction party.”
* ExchangeRateDetail1:
  + Base Currency Code: “Identifies the base currency used for currency conversion for the transaction party.”
* CardData9:
  + Card Currency Code: “Currency code assigned to the card by the card issuer.

ISO 8583:2003 bit 6.”

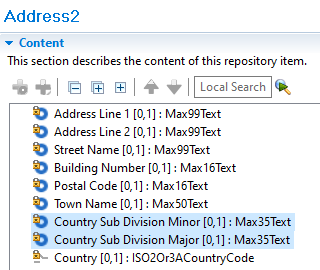
Existing Descriptions of Elements using ISO2Or3ACountryCode but does not list ISO 3166.

* Wallet2:
  + Wallet Account Country: “Country of the wallet account.”
* TerminalIdentification1:
  + Country : “Country of the terminal.”
* DrivingLicense1:
  + Country : “Country issuing the driver license.”
* TravelDocument1:
  + Country: “Country issuing the travel document.”
* TelecomCallDetails1:
  + Country: “Country from which or to which the call was made.”

Existing Descriptions of Elements which do not reference ISO 3166-2 or local authority:

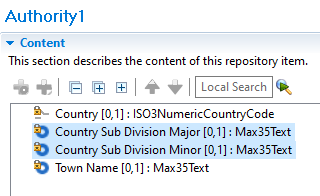
* Authority1:
  + Country Sub Division Major: “Identifies a major subdivision of a country, for instance state, province.”
* Authority1:
  + Country Sub Division Minor: “Identifies a minor subdivision of a country, for instance county, prefecture.”

Existing Address2:



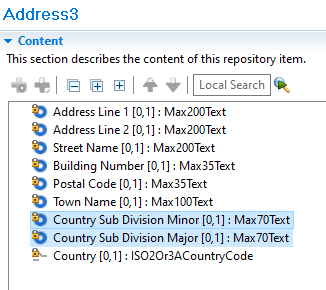
Descriptions of Address2: Country Sub Division Minor/ Major currently references ISO 3166-2.

Existing Authority1:



Existing Address3, used for local data and contains extended sizes of address elements:

We do not need 70 text for subdivision major and minor. The code will be the same so can be removed from local data.



Some still contain (Min2Max3AlphaText) to change to ISO2Or3ACountryCode:



* GenericIdentification172: Country
* TerminalIdentification1: Country
* DrivingLicense1: Country
* TravelDocument1: Country
* VehicleRentalCompany2: Country
* LodgingProperty2: Country
* TelecomCallDetails1: Country
* ApprovalEntity1: Country

#### Component modification

**Update the descriptions of the following elements:**

ISO3NumericCurrencyCode: “...In accordance with ISO 4217”

* Balance16:
  + Currency: “Currency of the account. In accordance with ISO 4217”
* RentalDetails2:
  + Currency: “Currency code applied for the rental. In accordance with ISO 4217”
* FeeAmount3:
  + Currency: “Currency for the type of amount. In accordance with ISO 4217”
* Location4:
  + Local Currency: “Local currency. In accordance with ISO 4217”
* ExchangeRateDetail1:
  + Counter Currency Code: “Identifies the counter currency used for currency conversion for the transaction party. In accordance with ISO 4217”
* ExchangeRateDetail1:
  + Base Currency Code: “Identifies the base currency used for currency conversion for the transaction party. In accordance with ISO 4217”
* CardData9:
  + Card Currency Code: “Currency code assigned to the card by the card issuer.

ISO 8583:2003 bit 6. In accordance with ISO 4217”

ISO2Or3ACountryCode: “...In accordance with ISO 3166-1.”

* Wallet2:
  + Wallet Account Country: “Country of the wallet account. In accordance with ISO 3166-1”
* TerminalIdentification1:
  + Country : “Country of the terminal. In accordance with ISO 3166-1”
* DrivingLicense1:
  + Country : “Country issuing the driver license. In accordance with ISO 3166-1”
* TravelDocument1:
  + Country: “Country issuing the travel document. In accordance with ISO 3166-1”
* TelecomCallDetails1:
  + Country: “Country from which or to which the call was made. In accordance with ISO 3166-1”

ISOCountrySubDivisionCode: “…In accordance with ISO 3166-2 or the local authority.”

* Authority1:
  + Country Sub-Division Minor: “Identifies a minor subdivision of a country, for instance county, prefecture. In accordance with ISO 3166-2 or the local authority”
* Authority1:
  + Country Sub-Division Major: “Identifies a major subdivision of a country, for instance state, province. In accordance with ISO 3166-2 or the local authority”

**New MXCode Set:**

Name: ISOCountrySubDivisionCode

Description: Code to identify an area of geopolitical interest, based on names obtained from the United Nations ISO 3166-2 or the local authority.

Pattern: [A-Z]{1-3}

**Updated Component Data types**

|  |  |  |
| --- | --- | --- |
| Address2 | Occurs | Type |
| Address Line 1 | [0..1] | Max99Text |
| … |  |  |
| *Country Sub Division Minor* | [0..1] | **ISOCountrySubDivisionCode** |
| *Country Sub Division Major* | [0..1] | **ISOCountrySubDivisionCode** |
| *Country Sub Division Minor Name* | [0..1] | **Max50Text** |
| *Country Sub Division Major Name* | [0..1] | **Max50Text** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Authority1 | Occurs | Type |
| Country | [0..1] | ISO3NumericCountryCode |
| … |  |  |
| *Country Sub Division Minor* | [0..1] | **ISOCountrySubDivisionCode** |
| *Country Sub Division Major* | [0..1] | **ISOCountrySubDivisionCode** |
| *Country Sub Division Minor Name* | [0..1] | **Max50Text** |
| *Country Sub Division Major Name* | [0..1] | **Max50Text** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| GenericIdentification172 | Occurs | Type |
| Identification | [1..1] | Max35Text |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| TerminalIdentification1 | Occurs | Type |
| Identification | [1..1] | Max16Text |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| DrivingLicense1 | Occurs | Type |
| Type | [0..1] | Max70Text |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| TravelDocument1 | Occurs | Type |
| Type | [1..1] | OfficialDocumentType1Code |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| VehicleRentalCompany2 | Occurs | Type |
| Name | [0..1] | Max70Text |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| LodgingProperty2 | Occurs | Type |
| Type | [0..1] | LodgingActivity1Code |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| TelecomCallDetails1 | Occurs | Type |
| Type | [1..1] | TelephonyCallType1Code |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| ApprovalEntity1 | Occurs | Type |
| Identification | [1..1] | Max35Text |
| … |  |  |
| Country | [0..1] | **ISO2Or3ACountryCode** |
| … |  |  |

**Fix elements from Component Data types:**

* Remove as this data does not change when used for local data.

|  |  |  |
| --- | --- | --- |
| Address3 | Occurs | Type |
| Address Line 1 | [0..1] | ISO3NumericCountryCode |
| … |  |  |
| *Country Sub Division Minor* Name | [0..1] | Max100Text |
| *Country Sub Division Major Name* | [0..1] | Max100Text |
| … |  |  |

#### Impacts

* ApprovalEntity1

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Initiation V03 | ProcessingResult9.  ApprovalData1.ApprovalEntity1 |
| Authorisation Response V03 | ProcessingResult10.  ApprovalData1.ApprovalEntity1 |
| Card Management Initiation V02 | ProcessingResult9.  ApprovalData1.ApprovalEntity1 |
| Card Management Response V02 | ProcessingResult9.  ApprovalData1.ApprovalEntity1 |
| Charge Back Initiation V02 | OriginalTransaction2.ProcessingResult10.  ApprovalData1.ApprovalEntity1 |
| Financial Initiation V03 | ProcessingResult9.  ApprovalData1.ApprovalEntity1 |
| Financial Response V03 | ProcessingResult10.  ApprovalData1.ApprovalEntity1 |
| Network Management Initiation V03 | ProcessingResult9.  ApprovalData1.ApprovalEntity1 |
| Network Management Response V03 | ProcessingResult9.  ApprovalData1.ApprovalEntity1 |
| Retrieval Fulfilment Initiation V03 | OriginalTransaction2.ProcessingResult10.  ApprovalData1.ApprovalEntity1 |
| Retrieval Initiation V02 | OriginalTransaction2.ProcessingResult10.  ApprovalData1.ApprovalEntity1 |
| Reversal Initiation V03 | ProcessingResult9.  ApprovalData1.ApprovalEntity1 |
| Reversal Response V03 | ProcessingResult10.  ApprovalData1.ApprovalEntity1 |
| Verification Initiation V02 | ProcessingResult12.  ApprovalData1.ApprovalEntity1 |
| Verification Response V02 | ProcessingResult12.  ApprovalData1.ApprovalEntity1 |

* TelecomCallDetails1

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.TelecomServices1.  TelecomServicesLineItem1.TelecomCallDetails1 |
| Authorisation Initiation V03 | AddendumData3.TelecomServices1.  TelecomServicesLineItem1.TelecomCallDetails1 |
| Financial Initiation V03 | AddendumData3.TelecomServices1.  TelecomServicesLineItem1.TelecomCallDetails1 |

* LodgingProperty2

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2 |
| Authorisation Initiation V03 | AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2 |
| Financial Initiation V03 | AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2 |

* VehicleRentalCompany2

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.VehicleRentalService2.VehicleRentalCompany2 |
| Authorisation Initiation V03 | AddendumData3.VehicleRentalService2.VehicleRentalCompany2 |
| Financial Initiation V03 | AddendumData3.VehicleRentalService2.VehicleRentalCompany2 |

* TravelDocument1

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| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.FleetData2.FleetSummary1.Driver1.TravelDocument1 |
| Authorisation Initiation V03 | AddendumData3.FleetData2.FleetSummary1.Driver1.TravelDocument1 |
| Financial Initiation V03 | AddendumData3.FleetData2.FleetSummary1.Driver1.TravelDocument1 |

* DrivingLicense1

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| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.FleetData2.FleetSummary1.Driver1.DrivingLicense1 |
| Authorisation Initiation V03 | AddendumData3.FleetData2.FleetSummary1.Driver1.DrivingLicense1 |
| Financial Initiation V03 | AddendumData3.FleetData2.FleetSummary1.Driver1.DrivingLicense1 |

* TerminalIdentification1

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| Message Definition | Message Components |
| Authorisation Initiation V03 | Environment17.Terminal4.TerminalIdentification1 |
| Authorisation Response V03 | Environment26.Terminal2.TerminalIdentification1 |
| Card Management Initiation V02 | Environment18.Terminal4.TerminalIdentification1 |
| Card Management Response V02 | Environment25.Terminal2.TerminalIdentification1 |
| Charge Back Initiation V02 | Environment21.Terminal2.TerminalIdentification1 |
| Charge Back Response V02 | Environment29.Terminal2.TerminalIdentification1 |
| File Action Initiation V02 | Environment22.Terminal4.TerminalIdentification1 |
| File Action Response V02 | Environment22.Terminal4.TerminalIdentification1 |
| Financial Initiation V03 | Environment17.Terminal4.TerminalIdentification1 |
| Financial Response V03 | Environment26.Terminal2.TerminalIdentification1 |
| Inquiry Initiation V02 | Environment18.Terminal4.TerminalIdentification1 |
| Inquiry Response V02 | Environment24.Terminal2.TerminalIdentification1 |
| Retrieval Fulfilment Initiation V03 | Environment21.Terminal2.TerminalIdentification1 |
| Retrieval Fulfilment Response V03 | Environment21.Terminal2.TerminalIdentification1 |
| Retrieval Initiation V02 | Environment21.Terminal2.TerminalIdentification1 |
| Retrieval Response V02 | Environment21.Terminal2.TerminalIdentification1 |
| Reversal Initiation V03 | Environment19.Terminal2.TerminalIdentification1 |
| Reversal Response V03 | Environment29.Terminal2.TerminalIdentification1 |
| Verification Initiation V02 | Environment31.Terminal4.TerminalIdentification1 |
| Verification Response V02 | Environment32.Terminal2.TerminalIdentification1 |

* GenericIdentification172

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| Message Definition | Message Components |
| Addendum Initiation V02 | Header48.Traceability7 |
| Addendum Response V02 | Header48.Traceability7 |
| Amendment V01 | Header46.Traceability7 |
| Authorisation Initiation V03 | Header42.Traceability7 |
| Authorisation Response V03 | Header42.Traceability7 |
| Batch Management Initiation V02 | Header38.Traceability7 |
| Batch Management Response V02 | Header38.Traceability7 |
| Batch Transfer Initiation V02 | Header39.Traceability7 |
| Batch Transfer Response V02 | Header39.Traceability7 |
| Card Management Initiation V02 | Header39.Traceability7 |
| Card Management Response V02 | Header39.Traceability7 |
| Charge Back Initiation V02 | Header40.Traceability7 |
| Charge Back Response V02 | Header40.Traceability7 |
| Custom Report V01 | Header46.Traceability7 |
| Error V03 | Header45.Traceability7 |
| Fee Collection Initiation V02 | Header48.Traceability7 |
| Fee Collection Response V02 | Header48.Traceability7 |
| File Action Initiation V02 | Header39.Traceability7 |
| File Action Response V02 | Header39.Traceability7 |
| Financial Initiation V03 | Header42.Traceability7 |
| Financial Response V03 | Header42.Traceability7 |
| Fraud Disposition Initiation V02 | Header48.Traceability7 |
| Fraud Disposition Response V02 | Header48.Traceability7 |
| Fraud Reporting Initiation V02 | Header48.Traceability7 |
| Fraud Reporting Response V02 | Header48.Traceability7 |
| Inquiry Initiation V02 | Header39.Traceability7 |
| Inquiry Response V02 | Header39.Traceability7 |
| Key Exchange Initiation V03 | Header43.Traceability7 |
| Key Exchange Response V03 | Header43.Traceability7 |
| Network Management Initiation V03 | Header43.Traceability7 |
| Network Management Response V03 | Header43.Traceability7 |
| Reconciliation Initiation V03 | Header39.Traceability7 |
| Reconciliation Response V03 | Header39.Traceability7 |
| Retrieval Fulfilment Initiation V02 | Header48.Traceability7 |
| Retrieval Fulfilment Response V02 | Header48.Traceability7 |
| Retrieval Initiation V02 | Header55.Traceability7 |
| Retrieval Response V02 | Header55.Traceability7 |
| Reversal Initiation V03 | Header42.Traceability7 |
| Reversal Response V03 | Header42.Traceability7 |
| Settlement Reporting Initiation V02 | Header48.Traceability7 |
| Settlement Reporting Response V02 | Header42.Traceability7 |
| Verification Initiation V02 | Header39.Traceability7 |
| Verification Response V02 | Header39.Traceability7 |

* Authority1

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| Message Definition | Message Components |
| Authorisation Initiation V03 | Environment17.PartyIdentification239.Customer7.Credentials2.Authority1  Environment17.Cardholder17.Credentials2.Authority1 |
| Card Management Initiation V02 | Environment18.Cardholder17.Credentials2.Authority1 |
| Charge Back Initiation V02 | Environment21.PartyIdentification239.Customer7.Credentials2.Authority1 |
| File Action Initiation V02 | Environment22.PartyIdentification239.Customer7.Credentials2.Authority1  Environment22.Cardholder17.Credentials2.Authority1 |
| File Action Response V02 | Environment22.PartyIdentification239.Customer7.Credentials2.Authority1  Environment22.Cardholder17.Credentials2.Authority1 |
| Financial Initiation V03 | Environment17.PartyIdentification239.Customer7.Credentials2.Authority1  Environment17.Cardholder17.Credentials2.Authority1 |
| Fraud Disposition Initiation V02 | Environment28.Cardholder17.Credentials2.Authority1 |
| Fraud Disposition Response V02 | Environment28.Cardholder17.Credentials2.Authority1 |
| Fraud Reporting Initiation V02 | Environment28.Cardholder17.Credentials2.Authority1 |
| Fraud Reporting Response V02 | Environment28.Cardholder17.Credentials2.Authority1 |
| Inquiry Initiation V02 | Environment18.Cardholder17.Credentials2.Authority1 |
| Retrieval Fulfilment Initiation V02 | Environment21.PartyIdentification239.Customer7.Credentials2.Authority1 |
| Retrieval Fulfilment Response V02 | Environment21.PartyIdentification239.Customer7.Credentials2.Authority1 |
| Retrieval Initiation V02 | Environment21.PartyIdentification239.Customer7.Credentials2.Authority1 |
| Retrieval Response V02 | Environment21.PartyIdentification239.Customer7.Credentials2.Authority1 |
| Reversal Initiation V03 | Environment19.PartyIdentification239.Customer7.Credentials2.Authority1 |
| Verification Initiation V02 | Environment31.PartyIdentification239.Customer7.Credentials2.Authority1  Environment31.Cardholder17.Credentials2.Authority1 |

* Wallet2

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| Message Definition | Message Components |
| Authorisation Initiation V03 | Environment17.Wallet2 |
| Authorisation Response V03 | Environment26.Wallet2 |
| Card Management Initiation V02 | Environment18.Wallet2 |
| Card Management Response V02 | Environment25.Wallet2 |
| Charge Back Initiation V02 | Environment21.Wallet2 |
| File Action Initiation V02 | Environment22.Wallet2 |
| File Action Response V02 | Environment22.Wallet2 |
| Financial Initiation V03 | Environment17.Wallet2 |
| Financial Response V03 | Environment26.Wallet2 |
| Inquiry Initiation V02 | Environment18.Wallet2 |
| Inquiry Response V02 | Environment24.Wallet2 |
| Retrieval Fulfilment Initiation V02 | Environment21.Wallet2 |
| Retrieval Fulfilment Response V02 | Environment21.Wallet2 |
| Retrieval Initiation V02 | Environment21.Wallet2 |
| Retrieval Response V02 | Environment21.Wallet2 |
| Reversal Initiation V03 | Environment19.Wallet2 |
| Verification Initiation V02 | Environment31.Wallet2 |
| Verification Response V02 | Environment32.Wallet2 |

* Address3

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| Message Definition | Message Components |
| Authorisation Initiation V03 | Environment17.PartyIdentification237.LocalData4.Address3 Environment17.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment17.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment17.PartyIdentification239.Customer7.LocalData3.Address3  Environment17.Cardholder17.LocalData7.Address3 |
| Card Management Initiation V02 | Environment18.PartyIdentification237.LocalData4.Address3 Environment18.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment18.Cardholder17.LocalData7.Address3 |
| Charge Back Initiation V02 | Environment21.PartyIdentification237.LocalData4.Address3 Environment21.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment21.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment21.PartyIdentification239.Customer7.LocalData3.Address3 |
| Fee Collection Initiation V02 | Environment23.PartyIdentification237.LocalData4.Address3 Environment23.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3 |
| Fee Collection Response V02 | Environment23.PartyIdentification237.LocalData4.Address3 Environment23.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3 |
| File Action Initiation V02 | Environment22.PartyIdentification236.LocalData4.Address3 Environment22.PartyIdentification236.SponsoredMerchant2.LocalData5.Address3  Environment22.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment22.PartyIdentification239.Customer7.LocalData3.Address3  Environment22.Cardholder17.LocalData7.Address3 |
| File Action Response V02 | Environment22.PartyIdentification236.LocalData4.Address3 Environment22.PartyIdentification236.SponsoredMerchant2.LocalData5.Address3  Environment22.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment22.PartyIdentification239.Customer7.LocalData3.Address3  Environment22.Cardholder17.LocalData7.Address3 |
| Financial Initiation V03 | Environment17.PartyIdentification237.LocalData4.Address3 Environment17.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment17.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment17.PartyIdentification239.Customer7.LocalData3.Address3  Environment17.Cardholder17.LocalData7.Address3 |
| Fraud Disposition Initiation V02 | Environment28.Cardholder17.LocalData7.Address3 |
| Fraud Disposition Response V02 | Environment28.Cardholder17.LocalData7.Address3 |
| Fraud Reporting Initiation V02 | Environment28.Cardholder17.LocalData7.Address3 |
| Fraud Reporting Response V02 | Environment28.Cardholder17.LocalData7.Address3 |
| Inquiry Initiation V02 | Environment18.PartyIdentification237.LocalData4.Address3 Environment18.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment18.Cardholder17.LocalData7.Address3 |
| Inquiry Response V02 | Environment24.PartyIdentification237.LocalData4.Address3 Environment24.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3 |
| Retrieval Fulfilment Initiation V02 | Environment21.PartyIdentification237.LocalData4.Address3 Environment21.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment21.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment21.PartyIdentification239.Customer7.LocalData3.Address3 |
| Retrieval Fulfilment Response V02 | Environment21.PartyIdentification237.LocalData4.Address3 Environment21.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment21.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment21.PartyIdentification239.Customer7.LocalData3.Address3 |
| Retrieval Initiation V02 | Environment21.PartyIdentification237.LocalData4.Address3 Environment21.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment21.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment21.PartyIdentification239.Customer7.LocalData3.Address3 |
| Retrieval Response V02 | Environment21.PartyIdentification237.LocalData4.Address3 Environment21.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment21.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment21.PartyIdentification239.Customer7.LocalData3.Address3 |
| Reversal Initiation V03 | Environment19.PartyIdentification235.LocalData4.Address3 Environment19.PartyIdentification235.SponsoredMerchant2.LocalData5.Address3  Environment19.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment19.PartyIdentification239.Customer7.LocalData3.Address3 |
| Verification Initiation V02 | Environment31.PartyIdentification237.LocalData4.Address3 Environment31.PartyIdentification237.SponsoredMerchant2.LocalData5.Address3  Environment31.PartyIdentification239.FinancialInstitution7.LocalData2.Address3  Environment31.PartyIdentification239.Customer7.LocalData3.Address3  Environment31.Cardholder17.LocalData7.Address3 |

* Address2

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| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.Invoice2.InvoiceSummary2.PartyIdentification241.Address2  AddendumData3.TravelAgency3.PartyIdentification243.Address2  AddendumData3.PassengerTransport2.PassengerTransportSummary2.Customer8.Address2  AddendumData3.PassengerTransport2.HiredVehicle2.Destination3.Address2  AddendumData3.VehicleRentalService2.VehicleRentalCompany2.Address2  AddendumData3.VehicleRentalService2.DriverInParty2  AddendumData3.VehicleRentalService2.VehicleRentalAgreement2.  RentalDetails2.ServiceStartEnd2.Address2  AddendumData3.VehicleRentalService2.VehicleRentalAgreement2.  LoyaltyProgramme3.LoyaltyMember2.Address2  AddendumData3.VehicleRentalService2.VehicleRentalInvoice2.Address2  AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2.Location4.Address2  AddendumData3.Lodging3.LodgingSummary2.Customer8.Address2  AddendumData3.ShippingData2.ShippingPackage2.PartyIdentification242.Address2  AddendumData3.ShippingData2.ShippingPackage2.DeliveryInformation4.Address2 |
| Authorisation Initiation V03 | Environment17.PartyIdentification237.Address2  Environment17.PartyIdentification237.SponsoredMerchant2.Address2  Environment17.PartyIdentification239.FinancialInstitution7.Address2  Environment17.PartyIdentification239.Customer7.Address2  Environment17.Cardholder17.Address2  AddendumData3.Invoice2.InvoiceSummary2.PartyIdentification241.Address2  AddendumData3.TravelAgency3.PartyIdentification243.Address2  AddendumData3.PassengerTransport2.PassengerTransportSummary2.Customer8.Address2  AddendumData3.PassengerTransport2.HiredVehicle2.Destination3.Address2  AddendumData3.VehicleRentalService2.VehicleRentalCompany2.Address2  AddendumData3.VehicleRentalService2.DriverInParty2  AddendumData3.VehicleRentalService2.VehicleRentalAgreement2.  RentalDetails2.ServiceStartEnd2.Address2  AddendumData3.VehicleRentalService2.VehicleRentalAgreement2.  LoyaltyProgramme3.LoyaltyMember2.Address2  AddendumData3.VehicleRentalService2.VehicleRentalInvoice2.Address2  AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2.Location4.Address2  AddendumData3.Lodging3.LodgingSummary2.Customer8.Address2  AddendumData3.ShippingData2.ShippingPackage2.PartyIdentification242.Address2  AddendumData3.ShippingData2.ShippingPackage2.DeliveryInformation4.Address2 |
| Card Management Initiation V02 | Environment18.PartyIdentification237.Address2  Environment18.PartyIdentification237.SponsoredMerchant2.Address2  Environment18.Cardholder17.Address2 |
| Charge Back Initiation V02 | Environment21.PartyIdentification237.Address2  Environment21.PartyIdentification237.SponsoredMerchant2.Address2  Environment21.PartyIdentification239.FinancialInstitution7.Address2  Environment21.PartyIdentification239.Customer7.Address2 |
| Fee Collection Initiation V02 | Environment23.PartyIdentification237.Address2  Environment23.PartyIdentification237.SponsoredMerchant2.Address2 |
| Fee Collection Response V02 | Environment23.PartyIdentification237.Address2  Environment23.PartyIdentification237.SponsoredMerchant2.Address2 |
| File Action Initiation V02 | Environment22.PartyIdentification236.Address2  Environment22.PartyIdentification236.SponsoredMerchant2.Address2  Environment22.PartyIdentification239.FinancialInstitution7.Address2  Environment22.PartyIdentification239.Customer7.Address2  Environment22.Cardholder17.Address2 |
| File Action Response V02 | Environment22.PartyIdentification236.Address2  Environment22.PartyIdentification236.SponsoredMerchant2.Address2  Environment22.PartyIdentification239.FinancialInstitution7.Address2  Environment22.PartyIdentification239.Customer7.Address2  Environment22.Cardholder17.Address2 |
| Financial Initiation V03 | Environment17.PartyIdentification237.Address2  Environment17.PartyIdentification237.SponsoredMerchant2.Address2  Environment17.PartyIdentification239.FinancialInstitution7.Address2  Environment17.PartyIdentification239.Customer7.Address2  Environment17.Cardholder17.Address2  AddendumData3.Invoice2.InvoiceSummary2.PartyIdentification241.Address2  AddendumData3.TravelAgency3.PartyIdentification243.Address2  AddendumData3.PassengerTransport2.PassengerTransportSummary2.Customer8.Address2  AddendumData3.PassengerTransport2.HiredVehicle2.Destination3.Address2  AddendumData3.VehicleRentalService2.VehicleRentalCompany2.Address2  AddendumData3.VehicleRentalService2.DriverInParty2  AddendumData3.VehicleRentalService2.VehicleRentalAgreement2.  RentalDetails2.ServiceStartEnd2.Address2  AddendumData3.VehicleRentalService2.VehicleRentalAgreement2.  LoyaltyProgramme3.LoyaltyMember2.Address2  AddendumData3.VehicleRentalService2.VehicleRentalInvoice2.Address2  AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2.Location4.Address2  AddendumData3.Lodging3.LodgingSummary2.Customer8.Address2  AddendumData3.ShippingData2.ShippingPackage2.PartyIdentification242.Address2  AddendumData3.ShippingData2.ShippingPackage2.DeliveryInformation4.Address2 |
| Fraud Disposition Initiation V02 | Environment28.Cardholder17.Address2 |
| Fraud Disposition Response V02 | Environment28.Cardholder17.Address2 |
| Fraud Reporting Initiation V02 | Environment28.Cardholder17.Address2  Transaction130.CardNotReceivedDetails2.Address2 |
| Fraud Reporting Response V02 | Environment28.Cardholder17.Address2 |
| Inquiry Initiation V02 | Environment18.PartyIdentification237.Address2  Environment18.PartyIdentification237.SponsoredMerchant2.Address2  Environment18.Cardholder17.Address2 |
| Inquiry Response V02 | Environment24.PartyIdentification237.Address2  Environment24.PartyIdentification237.SponsoredMerchant2.Address2 |
| Retrieval Fulfilment Initiation V02 | Environment21.PartyIdentification237.Address2  Environment21.PartyIdentification237.SponsoredMerchant2.Address2  Environment21.PartyIdentification239.FinancialInstitution7.Address2  Environment21.PartyIdentification239.Customer7.Address2  Transaction136.RetrievalFulfilmentInstructions2.DeliveryInformation5.Address2  OriginalTransaction2.Environment20.PartyIdentification236.Address2  OriginalTransaction2.Environment20.PartyIdentification236.SponsoredMerchant2.Address2  OriginalTransaction2.Environment20.PartyIdentification239.FinancialInstitution7.Address2  OriginalTransaction2.Environment20.PartyIdentification239.Customer7.Address2  OriginalTransaction2.Environment20.Cardholder17.Address2 |
| Retrieval Fulfilment Response V02 | Environment21.PartyIdentification237.Address2  Environment21.PartyIdentification237.SponsoredMerchant2.Address2  Environment21.PartyIdentification239.FinancialInstitution7.Address2  Environment21.PartyIdentification239.Customer7.Address2  Transaction136.RetrievalFulfilmentInstructions2.DeliveryInformation5.Address2 |
| Retrieval Initiation V02 | Environment21.PartyIdentification237.Address2  Environment21.PartyIdentification237.SponsoredMerchant2.Address2  Environment21.PartyIdentification239.FinancialInstitution7.Address2  Environment21.PartyIdentification239.Customer7.Address2  Transaction136.RetrievalFulfilmentInstructions2.DeliveryInformation5.Address2 |
| Retrieval Response V02 | Environment21.PartyIdentification237.Address2  Environment21.PartyIdentification237.SponsoredMerchant2.Address2  Environment21.PartyIdentification239.FinancialInstitution7.Address2  Environment21.PartyIdentification239.Customer7.Address2  Transaction136.RetrievalFulfilmentInstructions2.DeliveryInformation5.Address2 |
| Reversal Initiation V03 | Environment19.PartyIdentification235.Address2  Environment19.PartyIdentification235.SponsoredMerchant2.Address2  Environment19.PartyIdentification239.FinancialInstitution7.Address2  Environment19.PartyIdentification239.Customer7.Address2 |
| Verification Initiation V02 | Environment31.PartyIdentification237.Address2  Environment31.PartyIdentification237.SponsoredMerchant2.Address2  Environment31.PartyIdentification239.FinancialInstitution7.Address2  Environment31.PartyIdentification239.Customer7.Address2  Environment31.Cardholder17.Address2 |

* Balance16 - Update description of Currency to list “In accordance with ISO 4217”

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| Message Definition | Message Components |
| Authorisation Response V03 | AuthorisationResponse2.Transaction119.AccountBalance2.Balance16.Currency |
| Financial Response V03 | FinancialResponse2.Transaction119.AccountBalance2.Balance16.Currency |
| Inquiry Response V02 | InquiryResponse2.Transaction132.AccountBalance2.Balance16.Currency |
| Verification Response V02 | VerificationResponse2.Transaction140.AccountBalance2.Balance16.Currency |

* RentalDetails2 - Update description of Currency to list “In accordance with ISO 4217”

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| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumInitiation2.AddendumData3.VehicleRentalService2.  VehicleRentalAgreement2.RentalDetails2.Currency |
| Authorisation Initiation V03 | AuthorisationInitiation2.AddendumData3.VehicleRentalService2.  VehicleRentalAgreement2.RentalDetails2.Currency |
| Financial Initiation V03 | FinancialInitiation2.AddendumData3.VehicleRentalService2.  VehicleRentalAgreement2.RentalDetails2.Currency |

* FeeAmount3 - Update description of Currency to list “In accordance with ISO 4217”

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| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumInitaition2.Transaction117.AdditionalFee2.  FeeAmount3.Currency |
| Addendum Response V02 | AddendumResponse2.Transaction118.AdditionalFee2.  FeeAmount3.Currency |
| Authorisation Initiation V03 | AuthorisationInitiation2.Transaction142.AdditionalFee2.  FeeAmount3.Currency |
| Authorisation Response V03 | AuthorisationResponse2.Transaction119.AdditionalFee2.  FeeAmount3.Currency |
| Batch Management Initiation V02 | BatchManagementIntiation2.Transaction120.AdditionalFee2.  FeeAmount3.Currency |
| Batch Management Response V02 | BatchManagementResponse2.Transaction120.AdditionalFee2.  FeeAmount3.Currency |
| Card Management Initiation V02 | CardManagementInitiation2.Transaction121.AdditionalFee2.  FeeAmount3.Currency |
| Card Management Response V02 | CardManagementResponse2.Transaction122.AdditionalFee2.  FeeAmount3.Currency |
| Charge Back Initiation V02 | ChargeBackInitiation2.Transaction123.AdditionalFee2.  FeeAmount3.Currency  ChargeBackInitiation2.Transaction116.AdditionalFee2.  FeeAmount3.Currency |
| Charge Back Response V02 | ChargeBackResponse2.Transaction123.AdditionalFee2.  FeeAmount3.Currency |
| Error V03 | Error3.Transaction124.AdditionalFee2.  FeeAmount3.Currency |
| Fee Collection Initiation V02 | FeeCollectionInitiation2.Transaction125.AdditionalFee2.  FeeAmount3.Currency |
| Fee Collection Response V02 | FeeCollectionResponse2.Transaction125.AdditionalFee2.  FeeAmount3.Currency |
| File Action Initiation V02 | FileActionInitiation2.Transaction126.AdditionalFee2.  FeeAmount3.Currency |
| File Action Response V02 | FileActionResponse2.Transaction127.AdditionalFee2.  FeeAmount3.Currency |
| Financial Initiation V03 | FinancialInitiation2.Transaction114.AdditionalFee2.  FeeAmount3.Currency |
| Financial Response V03 | FinancialResponse2.Transaction119.AdditionalFee2.  FeeAmount3.Currency |
| Fraud Disposition Initiation V02 | FraudDispositionInitiation2.Transaction128.AdditionalFee2.  FeeAmount3.Currency |
| Fraud Disposition Response V02 | FraudDispositionResponse2.Transaction129.AdditionalFee2.  FeeAmount3.Currency |
| Fraud Reporting Initiation V02 | FraudReportingInitiation2.Transaction130.AdditionalFee2.  FeeAmount3.Currency |
| Fraud Reporting Response V02 | FraudReportingResponse2.Transaction129.AdditionalFee2.  FeeAmount3.Currency |
| Inquiry Initiation V02 | InquiryInitiation2.Transaction131.AdditionalFee2.  FeeAmount3.Currency |
| Inquiry Response V02 | InquiryResponse2.Transaction132.AdditionalFee2.  FeeAmount3.Currency |
| Key Exchange Initiation V03 | KeyExchangeInitiation2.Transaction133.AdditionalFee2.  FeeAmount3.Currency |
| Key Exchange Response V03 | KeyExchangeResponse2.Transaction133.AdditionalFee2.  FeeAmount3.Currency |
| Network Management Initiation V03 | NetworkManagementInitiation2.Transaction134.AdditionalFee2.  FeeAmount3.Currency |
| Network Management Response V03 | NetworkManagementResponse2.Transaction134.AdditionalFee2.  FeeAmount3.Currency |
| Reconciliation Initiation V03 | ReconciliationInitiation2.Transaction135.AdditionalFee2.  FeeAmount3.Currency |
| Reconciliation Response V03 | ReconciliationResponse5.Transaction135.AdditionalFee2.  FeeAmount3.Currency |
| Retrieval Fulfilment Initiation V02 | RetrievalFulfilmentInitiation2.Transaction136.AdditionalFee2.  FeeAmount3.Currency |
| Retrieval Fulfilment Response V02 | RetrievalFulfilmentResponse2.Transaction136.AdditionalFee2.  FeeAmount3.Currency |
| Retrieval Initiation V02 | RetrievalInitiation2.Transaction136.AdditionalFee2.  FeeAmount3.Currency |
| Retrieval Response V02 | RetrievalResponse4.Transaction136.AdditionalFee2.  FeeAmount3.Currency |
| Reversal Initiation V03 | ReversalInitiation2.Transaction142.AdditionalFee2.  FeeAmount3.Currency |
| Reversal Response V03 | ReversalResponse2.Transaction137.AdditionalFee2.  FeeAmount3.Currency |
| Settlement Reporting Initiation V02 | SettlementReportingInitiation2.Transaction138.AdditionalFee2.  FeeAmount3.Currency |
| Settlement Reporting Response V02 | SettlementReportingResponse2.Transaction139.AdditionalFee2.  FeeAmount3.Currency |
| Verification Initiation V02 | VerificationInitiation2.Transaction115.AdditionalFee2.  FeeAmount3.Currency |
| Verification Response V02 | VerificationResponse2.Transaction140.AdditionalFee2.  FeeAmount3.Currency |

* Location4 - Update description of Currency to list “In accordance with ISO 4217”

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| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumInitiation2.AddendumData3.Lodging3.LodgingSummary2.  LodgingProperty2.Location4.LocalCurrency |
| Authorisation Initiation V03 | AuthorisationInitiation2.AddendumData3.Lodging3.LodgingSummary2.  LodgingProperty2.Location4.LocalCurrency |
| Financial Initiation V03 | FinancialInitiation2.AddendumData3.Lodging3.LodgingSummary2.  LodgingProperty2.Location4.LocalCurrency |

* ExchangeRateDetail1 - Update description of Currency to list “In accordance with ISO 4217”

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Initiation V03 | AuthorisationInitiation2.Context10.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.CounterCurrencyCode  AuthorisationInitiation2.Context10.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |
| Card Management Initiation V02 | CardManagementInitiation2.Context11.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |
| Charge Back Initiation V02 | ChargeBackInitiation2.OriginalTransaction2.Context12.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |
| Financial Initiation V03 | FinancialInitiation2.Context10.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |
| Inquiry Initiation V02 | InquiryInitiation2.Context11.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |
| Retrieval Fulfilment Initiation V02 | RetrievalFulfilmentInitiation2.OriginalTransaction2.Context12.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |
| Retrieval Initiation V02 | RetrievalInitiation2.OriginalTransaction2.Context12.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |
| Verification Initiation V02 | VerificationInitiation2.Context11.TransactionContext7.  ExchangeRateInformation2.ExchangeRateDetail1.BaseCurrencyCode |

* CardData9 - Update description of Currency to list “In accordance with ISO 4217”

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Response V03 | AuthorisationResponse2.Environment26.CardData9.CardCurrencyCode |
| Card Management Response V02 | CardManagementResponse2.Environment25.CardData9.CardCurrencyCode |
| Financial Response V03 | FinancialResponse2.Environment26.CardData9.CardCurrencyCode |
| Inquiry Response V02 | InquiryResponse2.Environment24.CardData9.CardCurrencyCode |
| Verification Response V02 | VerificationResponse2.Environment32.CardData9.CardCurrencyCode |

## CR0984-2: Processing Result

### Change Result Data from optional to mandatory in Processing Result Component

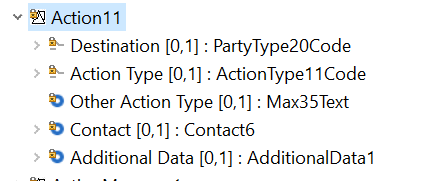
#### Description

Change Result Data from Optional to Mandatory in ProcessingResult component when ProcessingResult is mandatory in a message, refer below for details.

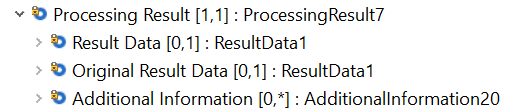
Change AddtionalData from [0..1] to [0,\*] in Action11

#### Existing Component

**Action11**

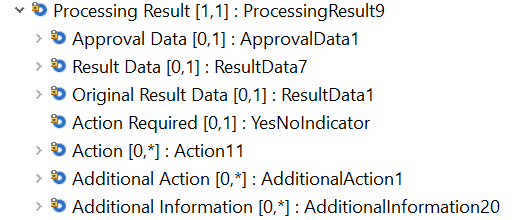


**ProcessingResult7**

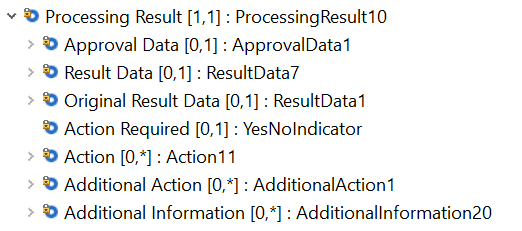


**ProcessingResult9 &ProcessingResult10**

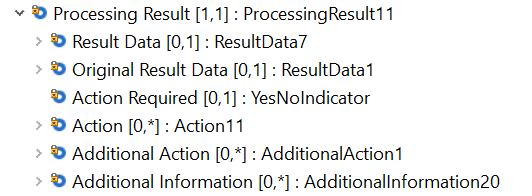
**Note:** ProcessingResult 9 and ProcessingResult10 are same, they should be combined to one.



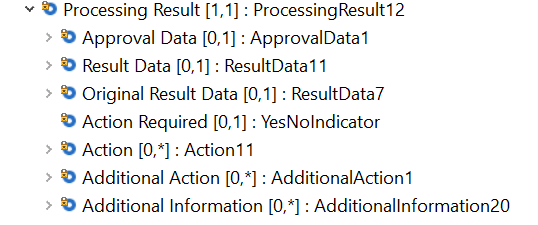
ProcessingResult10



**ProcessingResult11**

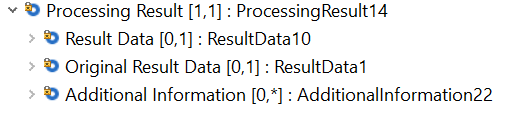


**ProcessingResult12**



**ProcessingResult14**

**Note: ProcessingResult14 and ProcessingResult7 are same because ResultData1 and ResultData10 are same.**



### Component modification & impact

#### Modified component that will replace all instances of Action11 with ActionXX:

|  |  |  |
| --- | --- | --- |
| ActionXX | Occurs |  |
| Destionation< <Dstn> | [1..1] | PartyType20Code |
| ActionType <ActnTp> | [0..1] | ActionType11Code |
| OtherActionType <OthrActnTp> | [0..1] | Max35Text |
| Contact<Ctct> | [0..1] | Contact6 |
| AdditionalData< AddtlData> | [0..\*] | AdditionalData1 |

#### Modified component that will replace all instances of ProcessingResult7 when ProcessingResult7 is mandatory:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ResultData <RsltData> | [1..1] | ResultData1 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

##### Impact

ProcessingResult7 is mandatory used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult7/ChargebackResponse2 | Chargeback Response V02 (cain.028.001.02) |

#### Modified component that will replace all instances of ProcessingResult9 or 10 when ProcessingResult9 or 10 is mandatory:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ApprovalData <ApprvlData> | [0..1] | ApprovalData1 |
| ResultData <RsltData> | [1..1] | ResultData7 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData1 |
| ActionRequired <ActnReqrd> | [0..1] | YesNoIndicator |
| Action <Actn> | [0..\*] | ActionXX |
| AdditionalAction <AddtlActn> | [0..\*] | AdditionalAction1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

##### Impact

ProcessingResult9 or 10 mandatory used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult10/AuthoisationResponse2 | Authorisation Response V03 (cain.002.001.03) |
| ProcessingResult10/FinancialResponse2 | Financial Response V03 (cain.004.001.03) |
| ProcessingResult10/ReversalResponse2 | Reversal Response V03 (cain.005.001.03) |
| ProcessingResult9/NetworkManagementResponse2 | Network Management Response V03 (canm.002.001.03) |

#### Modified component that will replace all instances of ProcessingResult9 or 10 when ProcessingResult9 or 10 is Optional:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ApprovalData <ApprvlData> | [0..1] | ApprovalData1 |
| ResultData <RsltData> | [0..1] | ResultData7 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData1 |
| ActionRequired <ActnReqrd> | [0..1] | YesNoIndicator |
| Action <Actn> | [0..\*] | ActionXX |
| AdditionalAction <AddtlActn> | [0..\*] | AdditionalAction1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

##### Impact

ProcessingResult9 or 10 is optional used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult9/AuthoisationInitiation2 | Authorisation Initiation V03 (cain.001.001.03) |
| ProcessingResult9/CardManagementInitiation2 | Card Management Initiation V02 (cain.024.001.02) |
| ProcessingResult9/FinancialInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| ProcessingResult9/NetworkManagementInitiation2 | Network Management Initiation V03 (canm.001.001.03) |
| ProcessingResult9/ReversalInitiation2 | Reversal Initiation V03 (cain.005.001.03) |
| ProcessingResult10/OriginalTransaction2/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| ProcessingResult10/OriginalTransaction2/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| ProcessingResult10/OriginalTransaction2/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |

#### Modified component that will replace all instances of ProcessingResult11 when ProcessingResult11 is mandatory:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ResultData <RsltData> | [1..1] | ResultData7 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData1 |
| ActionRequired <ActnReqrd> | [0..1] | YesNoIndicator |
| Action <Actn> | [0..\*] | ActionXX |
| AdditionalAction <AddtlActn> | [0..\*] | AdditionalAction1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

##### Impact

ProcessingResult11 mandatory used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult11/InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |

#### Modified component that will replace all instances of ProcessingResult11 when ProcessingResult11 is Optional:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ResultData <RsltData> | [0..1] | ResultData7 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData1 |
| ActionRequired <ActnReqrd> | [0..1] | YesNoIndicator |
| Action <Actn> | [0..\*] | ActionXX |
| AdditionalAction <AddtlActn> | [0..\*] | AdditionalAction1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

##### Impact

ProcessingResult11 optional used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult11/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |

#### Modified component that will replace all instances of ProcessingResult12 when ProcessingResult12 is mandatory:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ApprovalData <ApprvlData> | [0..1] | ApprovalData1 |
| ResultData <RsltData> | [1..1] | ResultData11 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData7 |
| ActionRequired <ActnReqrd> | [0..1] | YesNoIndicator |
| Action <Actn> | [0..\*] | ActionXX |
| AdditionalAction <AddtlActn> | [0..\*] | AdditionalAction1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

##### Impact

ProcessingResult12 mandatory used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult12/VerificationResponse2 | Verification Response V02 (cain.019.001.02) |

#### Modified component that will replace all instances of ProcessingResult12 when ProcessingResult12 is optional:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ApprovalData <ApprvlData> | [0..1] | ApprovalData1 |
| ResultData <RsltData> | [0..1] | ResultData11 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData7 |
| ActionRequired <ActnReqrd> | [0..1] | YesNoIndicator |
| Action <Actn> | [0..\*] | ActionXX |
| AdditionalAction <AddtlActn> | [0..\*] | AdditionalAction1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

##### Impact

ProcessingResult12 mandatory used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult12/VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |

#### Modified component that will replace all instances of ProcessingResult14 when ProcessingResult14 is mandatory:

|  |  |  |
| --- | --- | --- |
| ProcessingResultXX | Occurs |  |
| ResultData <RsltData> | [1..1] | ResultData10 |
| OriginalResultData <OrgnlRsltData> | [0..1] | ResultData1 |
| AdditionalInformation <AddtlInf> | [0..\*] | AdditionalInformation20 |

### Impacts

* ProcessingResult14 is mandatory used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| ProcessingResult14/AddendumResponse2 | Addendum Response V02 (cain.026.001.02) |
| ProcessingResult14/FeeCollectionResponse2 | Fee Collection Response V02 (cafc.002.001.02) |
| ProcessingResult14/ FraudDispositionResponse2 | Fraud Disposition Response V02 (carp.005.001.01) |
| ProcessingResult14/ FraudReportingResponse2 | Fraud Reporting Response V02 (carp.003.001.01) |
| ProcessingResult14/ KeyExchangeResponse2 | Key Exchange Response V03 (canm.004.001.03) |
| ProcessingResult14/ ReconciliationResponse5 | Reconciliation Response V03 (caad.006.001.03) |
| ProcessingResult14/ RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| ProcessingResult14/ RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |

## CR0984-3: Update Transaction Sub Type description to indicate its use more clearly

#### Description

Currently Transaction Sub Type is meant to refine the type of transaction, and Business purpose needs to be updated to be larger and clarify its purpose is to be used as a description field rather than identification type.

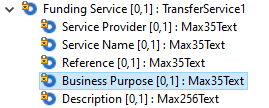
#### Existing component

Existing Transaction114/115/116/119/121/122/125/131/132/137/140/142:

Transaction Sub Type Description:

“Provides further granularity of purpose of TransactionType”

Existing TransferService1:



Existing Business Purpose Description:

“Purpose of the transfer. For example: person to person, business-to-business and mobile top-up.”

#### Component modification

Existing Transaction114/115/116/119/121/122/125/131/132/137/140/142:

Transaction Sub Type Description:

“Further breakdown of the transaction type being performed.”

TransferService1

|  |  |  |
| --- | --- | --- |
| Funding Service | Occurs | Type |
| Service Provider | [0..1] | Max35Text |
| … |  |  |
| Business Purpose | [0..1] | **Max500Text** |
| … |  |  |

Business Purpose Description:

“Purpose of the transfer.”

#### Impacts

TransferService1 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Initiation V03 | AuthorisationInitiation2.Transaction142.  FundingService2.TransferService1.BusinessPurpose |
| Charge Back Initiation V02 | ChargeBackInitiation2.OriginalTransaction2.Transaction116.  FundingService2.TransferService1.BusinessPurpose |
| Financial Initiation V03 | FinancialInitiation2.Transaction114.  FundingService2.TransferService1.BusinessPurpose |
| Retrieval Fulfilment Initiation V02 | RetrievalFulfilmentInitiation2.OriginalTransaction2.Transaction116.  FundingService2.TransferService1.BusinessPurpose |
| Retrieval Initiation V02 | RetrievalInitiation2. OriginalTransaction2.Transaction116.  FundingService2.TransferService1.BusinessPurpose |
| Reversal Initiation V03 | ReversalInitiation2.Transaction142.  FundingService2.TransferService1.BusinessPurpose |
| Verification Initiation V02 | VerificationInitiation2.Transaction115.  FundingService2.TransferService1.BusinessPurpose |

Transaction114 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Financial Initiation V03 | FinancialInitiation2.Transaction114.TransactionSubType |

Transaction 115 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Verification Initiation V02 | VerificationInitiation2.Transaction115.TransactionSubType |

Transaction 116 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Charge Back Initiation V02 | AddendumInitiation2.OriginalTransaction2.  Transaction116.TransactionSubType |
| Retrieval Fulfilment Initiation V02 | RetrievalFulfilmentInitiation2.OriginalTransaction2.  Transaction116.TransactionSubType |
| Retrieval Initiation V02 | RetrievalInitiation2.OriginalTransaction2.  Transaction116.TransactionSubType |

Transaction 119 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Response V03 | AuthorisationResponse2.Transaction119.TransactionSubType |
| Financial Response V03 | FinancialResponse2.Transaction119.TransactionSubType |

Transaction 121 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Card Management Initiation V02 | CardManagementInitiation2.Transaction121.TransactionSubType |

Transaction 122 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Card Management Response V02 | CardManagementResponse2.Transaction122.TransactionSubType |

Transaction 125 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Fee Collection Initiation V02 | FeeCollectionInitiation2.Transaction125.TransactionSubType |
| Fee Collection Response V02 | FeeCollectionResponse2.Transaction125.TransactionSubType |

Transaction 131 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Inquiry Initiation V02 | InquiryInitiation2.Transaction131.TransactionSubType |

Transaction 132 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Inquiry Response V02 | InquiryResponse2.Transaction132.TransactionSubType |

Transaction 137 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Reversal Response V03 | ReversalResponse4.Transaction137.TransactionSubType |

Transaction 140 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Verification Response V02 | VerificationResponse2.Transaction140.TransactionSubType |

Transaction 142 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Initiation V03 | AuthorisationInitiation2.Transaction142.TransactionSubType |
| Reversal Initiation V03 | ReversalInitiation2.Transaction142.TransactionSubType |

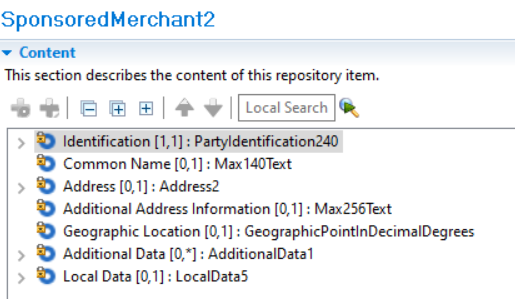
## CR0984-4: Add foreign merchant to sponsored merchant

#### Description

Update SponsoredMerchant2.PartyIdentification240 to include a new truefalseindicator for foreign merchant to identify when the retailer is not located in the same country as the marketplace or sponsor.

#### Existing component

Existing SponsoredMerchant2 component:



#### Component modification

SponsoredMerchant2

|  |  |  |
| --- | --- | --- |
| SponsoredMerchant2 | Occurs | Type |
| Identification | [1..1] | PartyIdentificationX |
| Identification | [0..1] | Max35Text |
| Assigner | [0..1] | Max35Text |
| Country | [0..1] | **ISO3NumericCountryCode** |
| *Foreign Merchant* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| Common Name | [0..1] | Max140Textt |
| … |  |  |

#### Impacts

* SponsoredMerchant2 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Initiation V03 | Environment17.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Card Management Initiation V02 | Environment18.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Charge Back Initiation V02 | Environment21.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Fee Collection Initiation V02 | Environment23.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Fee Collection Response V02 | Environment23.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| File Action Initiation V02 | Environment22.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| File Action Response V02 | Environment22.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Financial Initiation V03 | Environment17.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Inquiry Initiation V02 | Environment18.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Inquiry Response V02 | Environment24.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Retrieval Fulfilment Initiation V02 | Environment21.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Retrieval Fulfilment Response V02 | Environment21.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Retrieval Initiation V02 | Environment21.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Retrieval Response V02 | Environment21.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Reversal Initiation V03 | Environment19.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |
| Verification Initiation V02 | Environment31.PartyIdentification237.SponsoredMerchant2.PartyIdentification240 |

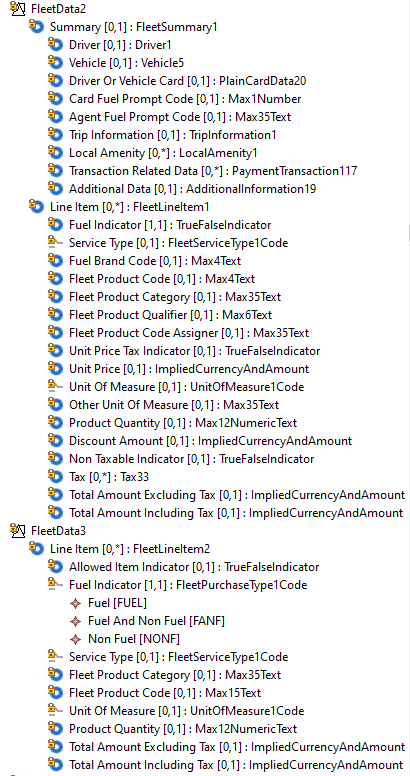
## CR0984-5: FuelInd alignment

#### Description

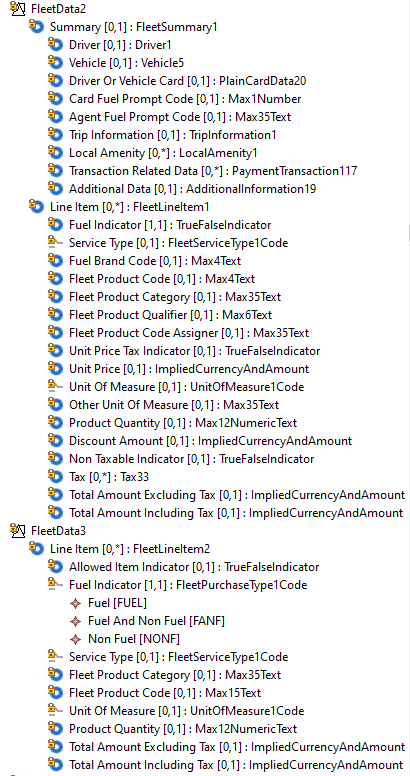
Update FuelInd in FleetLineItem2 (Authorisation and Financial Response) to match in data type to FuelInd in FleetLineItem1 (Authorisation and Financial Initiation). One is a true false indicator, the other is a code list. The code list is an error we are correcting.

#### Existing component

Existing FleetLineItem1 component:



Existing FleetLineItem2 component:



#### Component modification

FleetLineItem2

|  |  |  |
| --- | --- | --- |
| Line Item | Occurs | Type |
| Allowed Item Indicator | [0..1] | TrueFalseIndicator |
| Fuel Indicator | [1..1] | **TrueFalseIndicator** |
| … |  |  |

#### Impacts

* FleetLineItem2 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Response V03 | AuthorisationResponse2.AddendumData2.FleetData.FleetLineItem2 |
| Financial Response V03 | FinancialResponse2.AddendumData2.FleetData.FleetLineItem2 |

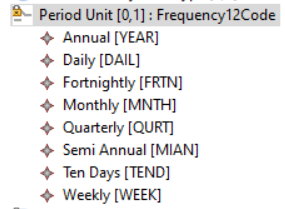
## CR0984-6: Update Period Unit/ Frequency with additional Code

#### Description

Update Period Unit used in Instalments to add an additional code to Frequency12Code to have an interval that represents twice a week.

#### Existing component

Existing Frequency12Code component:



#### Component modification

FrequencyXCode

|  |  |  |
| --- | --- | --- |
| FrequencyXCode | Occurs | Type |
| Annual [YEAR] | Code |  |
| Daily [DAIL] | Code |  |
| Fortnightly [FRTN] | Code |  |
| Monthly [MNTH] | Code |  |
| Quarterly [QURT] | Code |  |
| Semi Annual [MIAN] | Code |  |
| Ten Days [TEND] | Code |  |
| Weekly [WEEK] | Code |  |
| *Twice a Week [TWWK]* | *Code* |  |

Plan2

|  |  |  |
| --- | --- | --- |
| Plan | Occurs | Type |
| Plan Identification | [0..1] | Max35Text |
| Plan Owner | [0..1] | PlanOwner1Code |
| … |  |  |
| Period Unit | [0..1] | *FrequencyXcode* |
| … |  |  |

#### Impacts

* PeriodUnit component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Addendum Response V02 | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Authorisation Initiation V03 (cain.001.001.02) | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Authorisation Response V03 (cain.001.001.03) | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Financial Initiation V03 | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Financial Response V03 | AddendumData3.Instalment4.Plan2.PeriodUnit |

## CR0984-7: Message ReconciliationTypeCode

#### Description

Under the Transaction/Reconciliation Totals/ structure, the Reconciliation message type code is shown as either an initiation or a response. The type code for Retrieval is currently listed as “request” and should be updated as “initiation” to match the other messages.

#### Component modification

ReconciliationInitiation**VXX**~~03~~

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Body | [1..1] | ReconciliationInitiation2 |
|  | Transaction | [1..1] | Transaction135 |
|  | Reconciliation Totals | [0..\*] | TransactionTotals12 |
|  | Message Reconciliation | [0..\*] | MessageReconciliation1 |
|  | Type | [1..1] | ReconciliationMessageType**X**~~1~~Code |

ReconciliationResponse**VXX**~~03~~

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Body | [1..1] | ReconciliationResponse5 |
|  | Transaction | [1..1] | Transaction135 |
|  | Reconciliation Totals | [0..\*] | TransactionTotals12 |
|  | Message Reconciliation | [0..\*] | MessageReconciliation1 |
|  | Type | [1..1] | ReconciliationMessageType**X**~~1~~Code |

|  |
| --- |
| ReconciliationMessageType **X**~~1~~Code |
| Addendum Initiation [ADDI] |
| Addendum Response [ADDR] |
| Amendment [AMDT] |
| … |
| ~~Retrieval Request [RTRR]~~ |
| **Retrieval Initiation [RTVI]** |
| Retrieval Response [RTRI] |
| … |

#### Impacts

* ReconciliationInitiationV03 (caad.005.001.03)
* ReconciliationResponseV03 (caad.006.001.03)

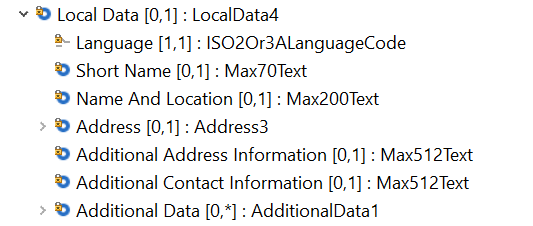
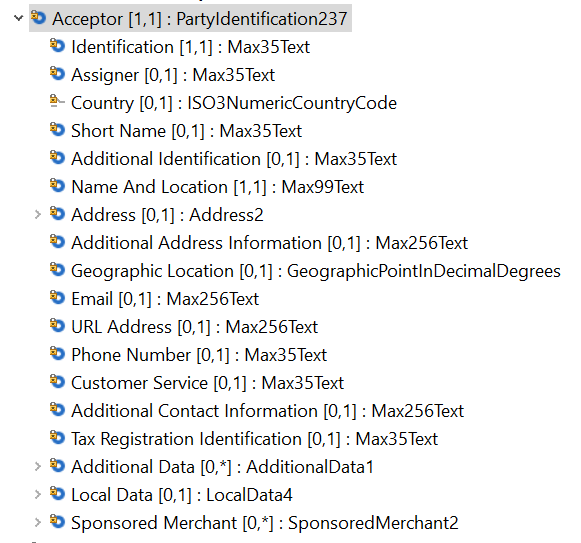
## CR0984-8: Legal Corporate Name

#### Description

Purpose of this change request: Add data element “Legal Corporate Name” to the Acceptor and Sponsored merchant structure, and corresponding localData

Acceptor <Accptr>

Add LegalCorporateName After ShortName in PartyIdentification 235, 236, 237, 238, 240 (acceptor only) structure and Local Data1 (Acceptor only) LocalData4



PartyIdentificationXXX~~235~~

|  |  |  |
| --- | --- | --- |
| **Message Root** | **Occurs** | **Type** |
| Identification *<Id>* | [1..1] | Text |
| Assigner *<Assgnr>* | [0..1] | Text |
| Country *<Ctry>* | [0..1] | CodeSet |
| ShortName *<ShrtNm>* | [0..1] | Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max99Text* |
| … |  |  |
| Local Data | [0..1] | LocalDataX~~4~~ |
| Language | [1..1] | ISO2Or3ALanguageCode |
| ShortName | [0..1] | Max70Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max198Text* |
| Name and Location | [0..1] | Max200Text |
| … |  |  |

PartyIdentificationXXX~~236~~

|  |  |  |
| --- | --- | --- |
| **Message Root** | **Occurs** | **Type** |
| Identification *<Id>* | [1..1] | Text |
| Assigner *<Assgnr>* | [0..1] | Text |
| Country *<Ctry>* | [0..1] | CodeSet |
| ShortName *<ShrtNm>* | [0..1] | Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max99Text* |
| *….* |  |  |
| Local Data | [0..1] | LocalDataX~~4~~ |
| Language | [1..1] | ISO2Or3ALanguageCode |
| ShortName | [0..1] | Max70Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max198Text* |
| Name and Location | [0..1] | Max200Text |
| … |  |  |

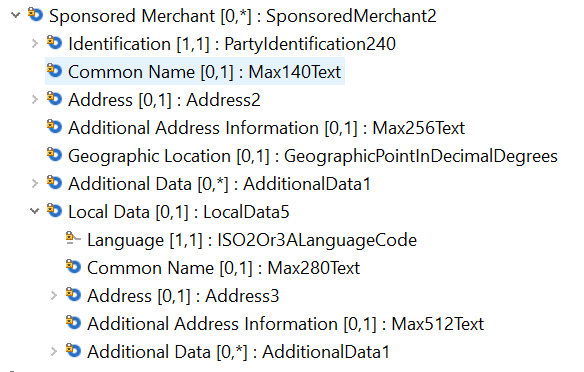
PartyIdentificationXXX~~237~~

|  |  |  |
| --- | --- | --- |
| **Message Root** | **Occurs** | **Type** |
| Identification *<Id>* | [1..1] | Text |
| Assigner *<Assgnr>* | [0..1] | Text |
| Country *<Ctry>* | [0..1] | CodeSet |
| ShortName *<ShrtNm>* | [0..1] | Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max99Text* |
| … |  |  |
| Local Data | [0..1] | LocalDataX~~4~~ |
| Language | [1..1] | ISO2Or3ALanguageCode |
| ShortName | [0..1] | Max70Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max198Text* |
| Name and Location | [0..1] | Max200Text |
| … |  |  |

PartyIdentificationXXX~~238~~

|  |  |  |
| --- | --- | --- |
| **Message Root** | **Occurs** | **Type** |
| Identification *<Id>* | [1..1] | Text |
| Assigner *<Assgnr>* | [0..1] | Text |
| Country *<Ctry>* | [0..1] | CodeSet |
| ShortName *<ShrtNm>* | [0..1] | Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max99Text* |
| … |  |  |
| Local Data | [0..1] | LocalDataX~~4~~ |
| Language | [1..1] | ISO2Or3ALanguageCode |
| ShortName | [0..1] | Max70Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max198Text* |
| Name and Location | [0..1] | Max200Text |
| … |  |  |

Add LegalCorporateName after Common Name in SponsoredMerchant2, and LocalData5,



SponsoredMerchantXX~~2~~

|  |  |  |
| --- | --- | --- |
| Identification *<Id>* | [1..1] | PartyIdentification240 |
| Common Name | [0..1] | Max140Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max99Text* |
| Address |  | Address2 |
| Additional Address Information | [0..1] | CodeSet |
| … |  |  |
| Local Data | [0..1] | LocalDataX~~5~~ |
| Language | [1..1] | ISO2Or3ALanguageCode |
| Common Name | [0..1] | Max280Text |
| *LegalCorporateName <Lglcrptnm>* | *[0..1]* | *Max198Text* |
| Name and Location | [0..1] | Max200Text |
| … |  |  |

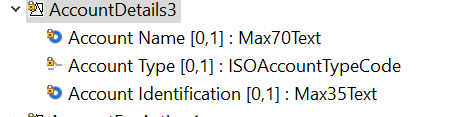
#### Impact

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| PartyIdentification237/Environment17/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| PartyIdentification240/Environment26/AuthorizationResponse2 | Authorization Response V03 (cain.002.001.03) |
| PartyIdentification237/Environment17/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| PartyIdentification240/Environment26/FinancialnResponse2 | Financial Response V03 (cain.004.001.03) |
| PartyIdentification237/Environment18/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| PartyIdentification237/Environment24/ InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |
| PartyIdentification237/Environment18/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| PartyIdentification238/Environment25/ CardManagementResponse2 | Card ManagementResponse V02 (cain.024.001.02) |
| PartyIdentification235/Environment/ReversalInitiation2 | Reversal Initiation V03 (cain.005.001.03) |
| PartyIdentification240/Environment29/ReversalResponse2 | Reversal Response V03 (cain.006.001.03) |
| PartyIdentification236/Environment20/OriginalTransaction2/RetrievalFulfilmentInitiation2  PartyIdentification237/Environment21/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| PartyIdentification236/Environment20/OriginalTransaction2/RetrievalInitiation2  PartyIdentification237/Environment21/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| PartyIdentification236/Environment20/OriginalTransaction2/ ChargebackInitiation2  PartyIdentification237/Environment21/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| PartyIdentification240/Environment29/ ChargebackResponse2 | Chargeback Response V02 (cain.028.001.02) |
| PartyIdentification237/Environment21/ RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| PartyIdentification237/Environment21/ RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |
| PartyIdentification236/Environment22/ FileActionInitiation2 | File Action Initiation V02 (cafm.001.001.02) |
| PartyIdentification236/Environment22/ FileActionResponse2 | Retrieval Response V02 (cafm.002.001.02) |
| PartyIdentification237/Environment23/ FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02) |
| PartyIdentification237/Environment23/ FeeCollectionResponse2 | Fee Collection Response V02 (cafc.002.001.02) |
| PartyIdentification240/Environment31/ VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| PartyIdentification240/Environment32/ VerificationResponse2 | Verification Response V02 (cain.019.001.02) |

## CR0984-9: AccountIdentification <AcctId>

#### Description

Purpose of this change request: Expand the length of the AccountIdentification <AcctId> from Max35Text to Max70text in AccountDetail3



|  |  |  |
| --- | --- | --- |
| AccountDetailsX~~3~~ | Occurs | Type |
| Account Name | [0..1] | Max70Text |
| Account Type | [0..1] | ISOAccountTypeCode |
| Account Identification | [0..1] | Max70Text |

#### Impact

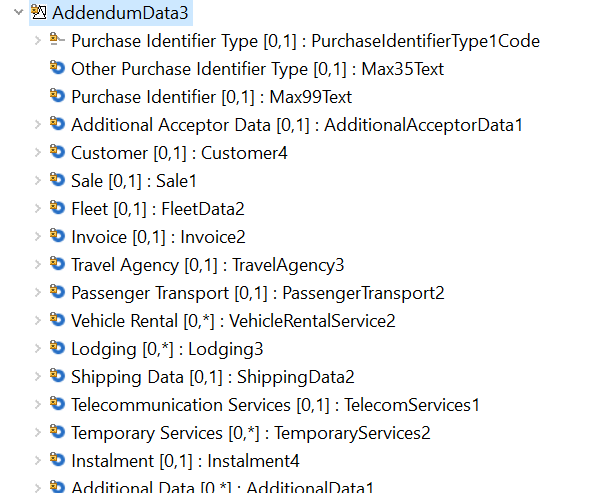
AccountDetail3 used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| AccountDetail3/Transaction142/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| AccountDetail3/Transaction119/AuthorizationResponse2 | Authorization Response V03 (cain.002.001.03) |
| AccountDetail3/Transaction114/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| AccountDetail3/Transaction119/FinancialnResponse2 | Financial Response V03 (cain.004.001.03) |
| AccountDetail3/Transaction131/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| AccountDetail3/Transaction132/ InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |
| AccountDetail3/Transaction121/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| AccountDetail3/Transaction142/ReversalInitiation2 | Reversal Initiation V03 (cain.005.001.03) |
| AccountDetail3/Transaction137/ReversalResponse2 | Reversal Response V03 (cain.006.001.03) |
| AccountDetail3/Transaction116/OriginalTransaction2/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| AccountDetail3/Transaction116/OriginalTransaction2/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| AccountDetail3/Transaction116/OriginalTransaction2/ ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| AccountDetail3/Transaction115/ VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| AccountDetail3/Transaction140/ VerificationResponse2 | Verification Response V02 (cain.019.001.02) |

## CR0984-10: TravelAgency

#### Description

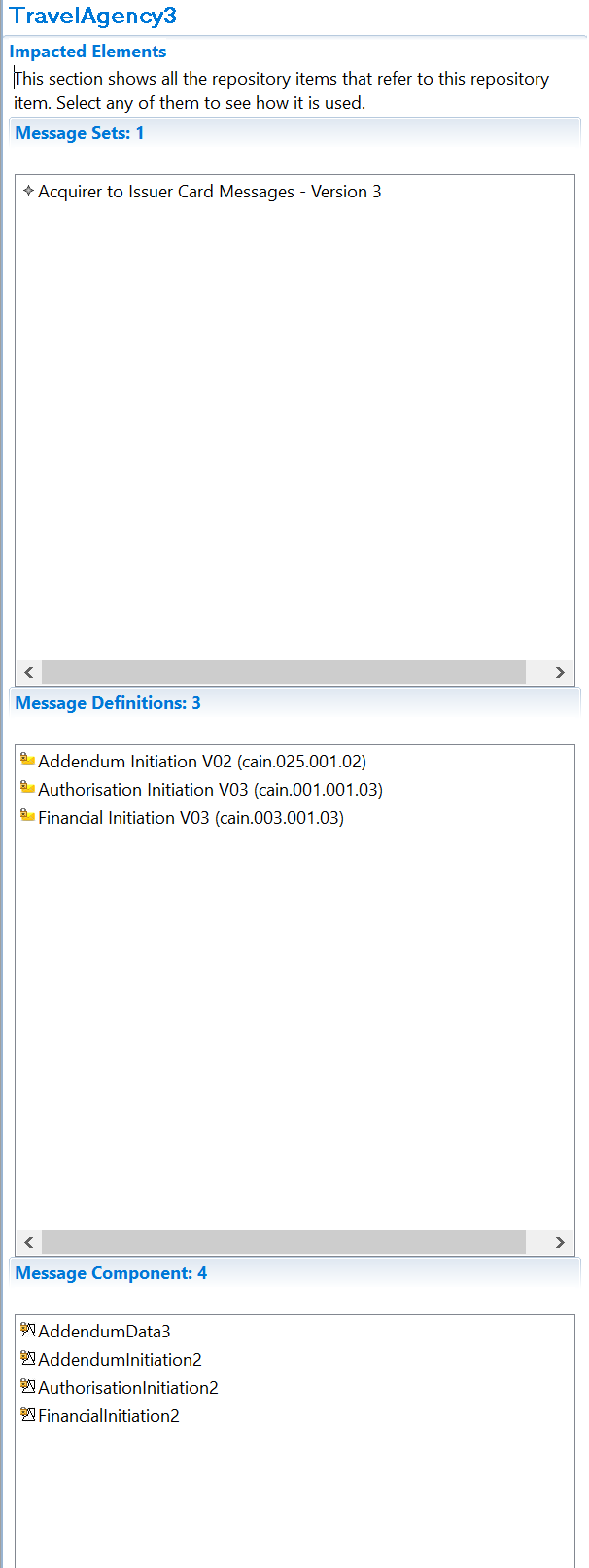
Change presence of TravelAgency from [0..1] to [0..\*] In AddendumData3



|  |  |  |
| --- | --- | --- |
| **MessageElement*<XML Tag>*** | **Mult.** | **Type** |
| PurchaseIdentifierType *<PurchsIdrTp>* | [0..1] | CodeSet |
| OtherPurchaseIdentifierType *<OthrPurchsIdrTp>* | [0..1] | Text |
| PurchaseIdentifier *<PurchsIdr>* | [0..1] | Text |
| AdditionalAcceptorData *<AddtlAccptrData>* | [0..1] | ± |
| Customer *<Cstmr>* | [0..1] | ± |
| Sale *<Sale>* | [0..1] | ± |
| Fleet *<Fleet>* | [0..1] | ± |
| Invoice *<Invc>* | [0..1] | ± |
| TravelAgency *<TrvlAgcy>* | [0..\*] | TravelAgency3 |

#### Impact

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| TravelAgency/AddendumData3/AuthorisationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| TravelAgency/AddendumData3/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| TravelAgency/AddendumData3/AddendumInitiation2 | Addendum Initiation V02 (cain.025.001.02 |



## CR0984-11: Tax33 Enhancement

#### Description

This change request is in two parts.

* Part 1 is to add two new data elements to the Tax 33 structure IncludedInTotalIndicator and CreditDebit.
* Part 2 is to add a new code TNRT Add Code (TNRT - Total Non-Room Tax) to /Type of Tax"

Tax~~33~~XX

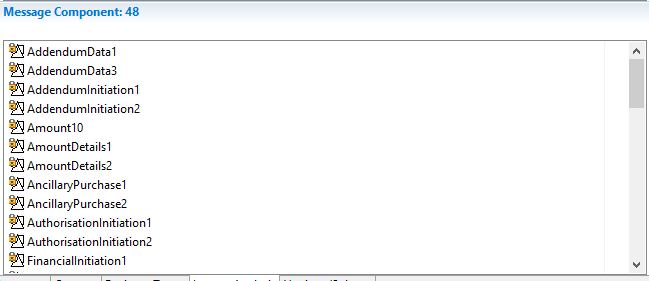
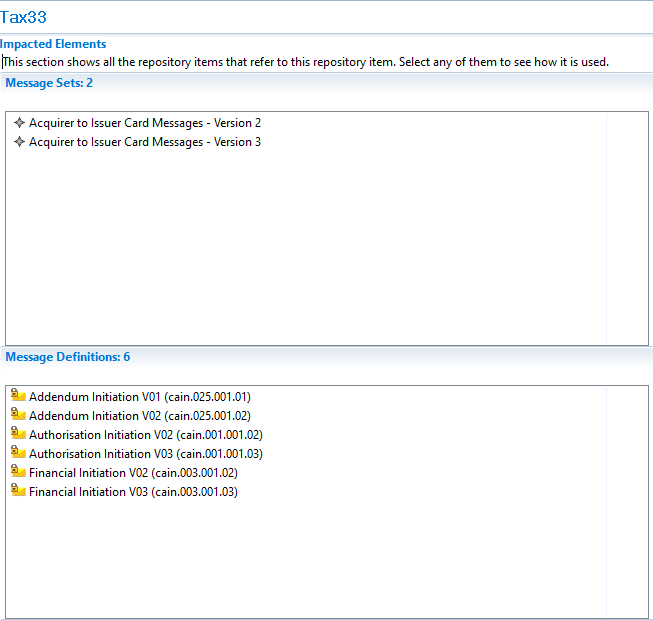
|  |  |  |
| --- | --- | --- |
| **MessageElement*<XML Tag>*** | **Mult.** | **Type** |
| Type *<Tp>* | [1..1] | CodeSet |
| OtherType *<OthrTp>* | [0..1] | Text |
| Description *<Desc>* | [0..1] | Text |
| TaxExemption *<TaxXmptn>* | [0..1] | Indicator |
| TaxExemptReason *<TaxXmptRsn>* | [0..1] | Text |
| Amount *<Amt>* | [1..1] | Amount |
| Rate *<Rate>* | [0..1] | Rate |
| IncludedInTotalIndicator | [0..1] | TrueFalseIndicator  Indicate whether the Tax amount is included in total transaction amount |
| CreditDebit | [0..1] | CreditDebit3Code |

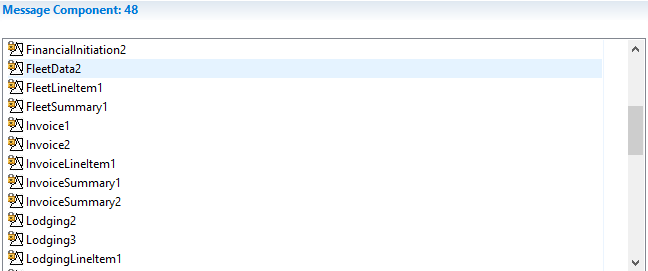
AddendumTaxType~~1~~XCode

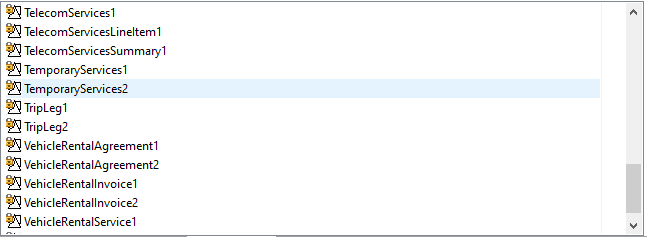
|  |  |  |
| --- | --- | --- |
| Codename | Name | Definition |
| CTAX | TaxCredit | Direct reduction of an individual's tax liability. |
| TDDT | TDDServiceExciseTax | Excise tax levied to recover the cost of providing Telecommunications Device for the Deaf (TDD) Equipment. |
| TELT | TelecommunicationsTax | Tax levied on telecommunications  companies for the right to provide  services. May be a usage or excise tax. |
| THTX | ThresholdTax | Threshold Tax |
| TNRT | Total Non-Room Tax | Tax levied on non-room expenditures. |
| TRAX | TransactionTax | Tax levied on a transaction. |
| TRAN | TransferTax | Tax levied on a transfer. |
| UNSP | Unspecified | Unspecified tax type |

#### Impact

* Authorization Initiation V03 (cain.001.001.03)
* Financial Initiation V03 (cain.003.001.03)
* Addendum Initiation V02 (cain.025.001.02



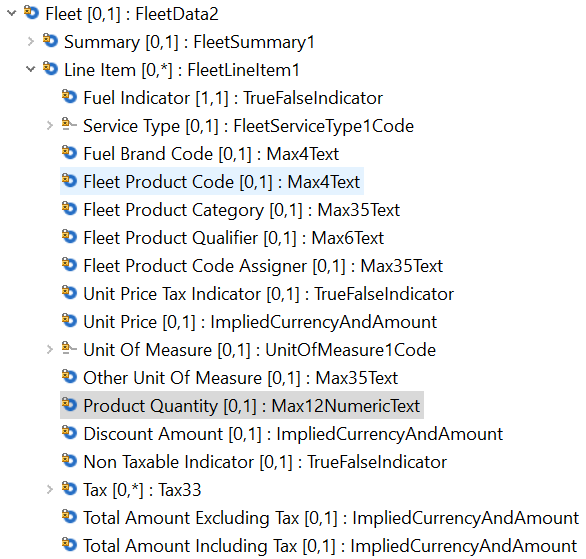




## CR0984-12: ProductQuantity

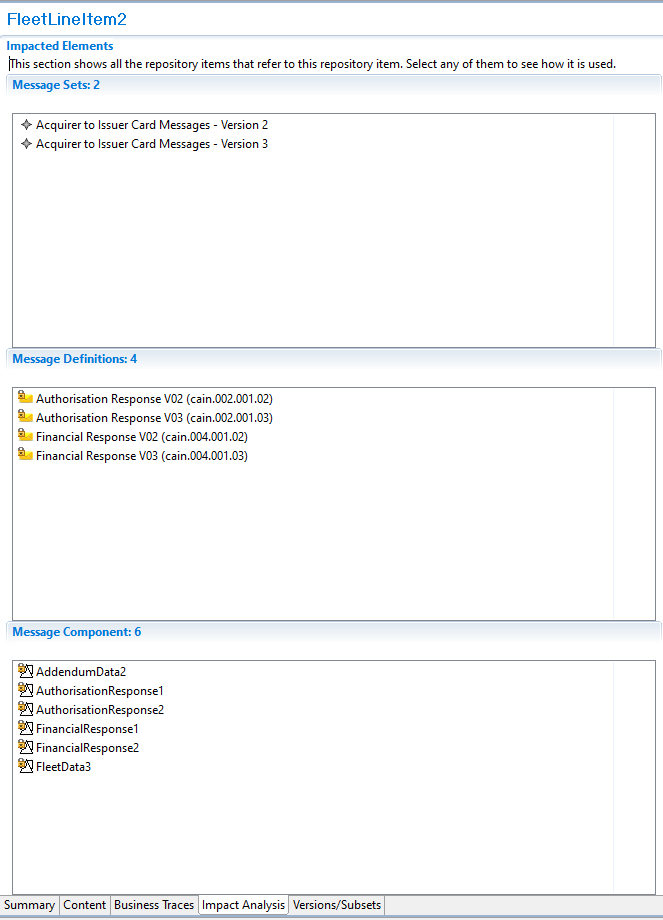
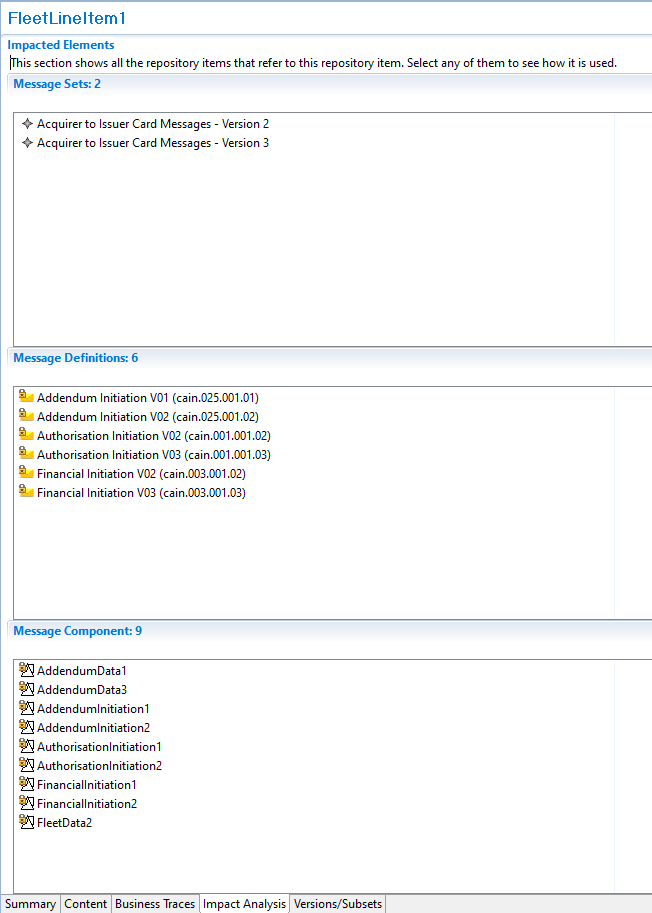
#### Description

Change Datatype for Product quantity to DecimalNumber.



#### Impact

* Authorization Initiation V03 (cain.001.001.03)
* Financial Initiation V03 (cain.003.001.03)
* Addendum Initiation V02 (cain.025.001.02



## CR0984-13: Misc. Spelling Errors within ATICA ISO 20022 v2

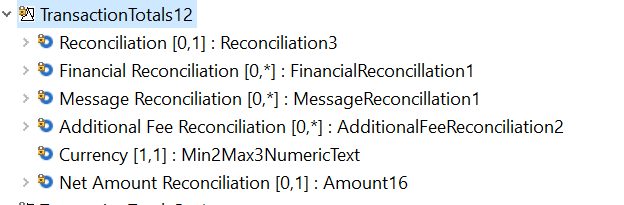
#### Description

Fix spelling errors in standard for FinancialReconciliation1 & MessageReconciliation1 the current way they are spelled within the standard is inconsistent with the ISO standards.

Fix spelling of

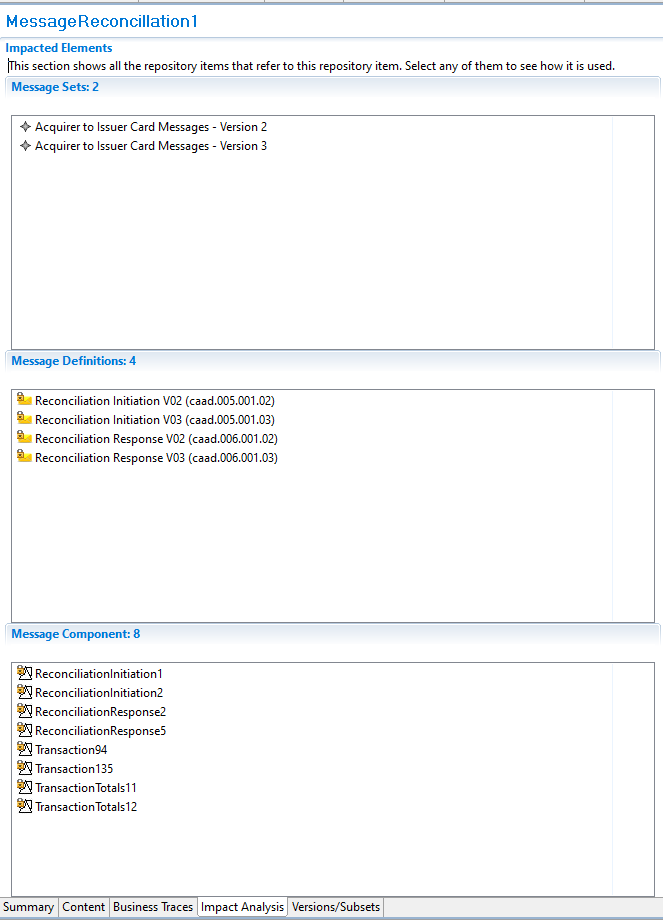
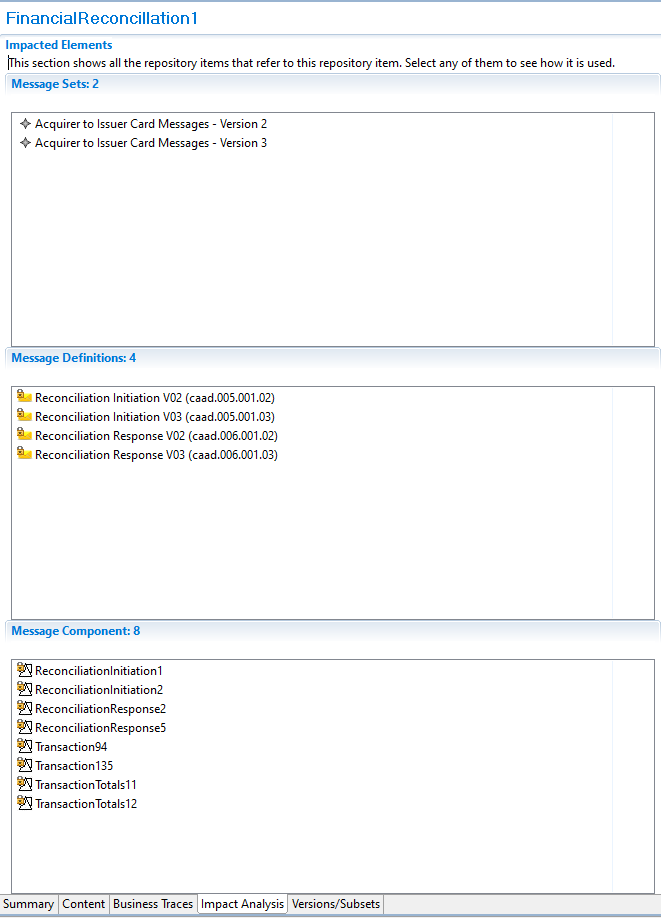
FinancialReconcillation1 & MessageReconcillation1 to

FinancialReconciliation1 & MessageReconciliation1



#### Impact

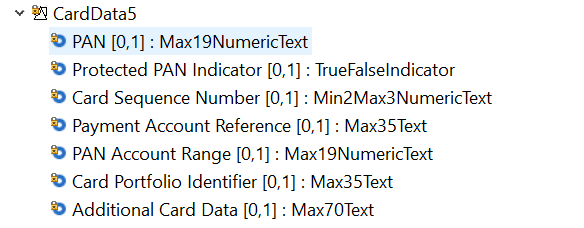
|  |  |
| --- | --- |
| Component Trace Path | Messages |
| TransactionTotal12/Transaction135/ReconcilationInitiation2 | ReconcilationInitiation V03 (caad.005.001.03) |
| TransactionTotal12/Transaction135/ReconcilationResponse5 | ReconciliationResponse V03 (caad.006.001.03) |

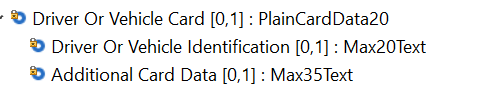


## CR0984-14: AdditionalCardData

#### Description

Change the current data element “AdditionalCardData” <AddtlCardData> [0,1] Max70Text" to "Additional Data [0,\*]:AdditionalData1 in CardData5, 6, 7, 8, 9 component, and PlainCardData20





Component Modification

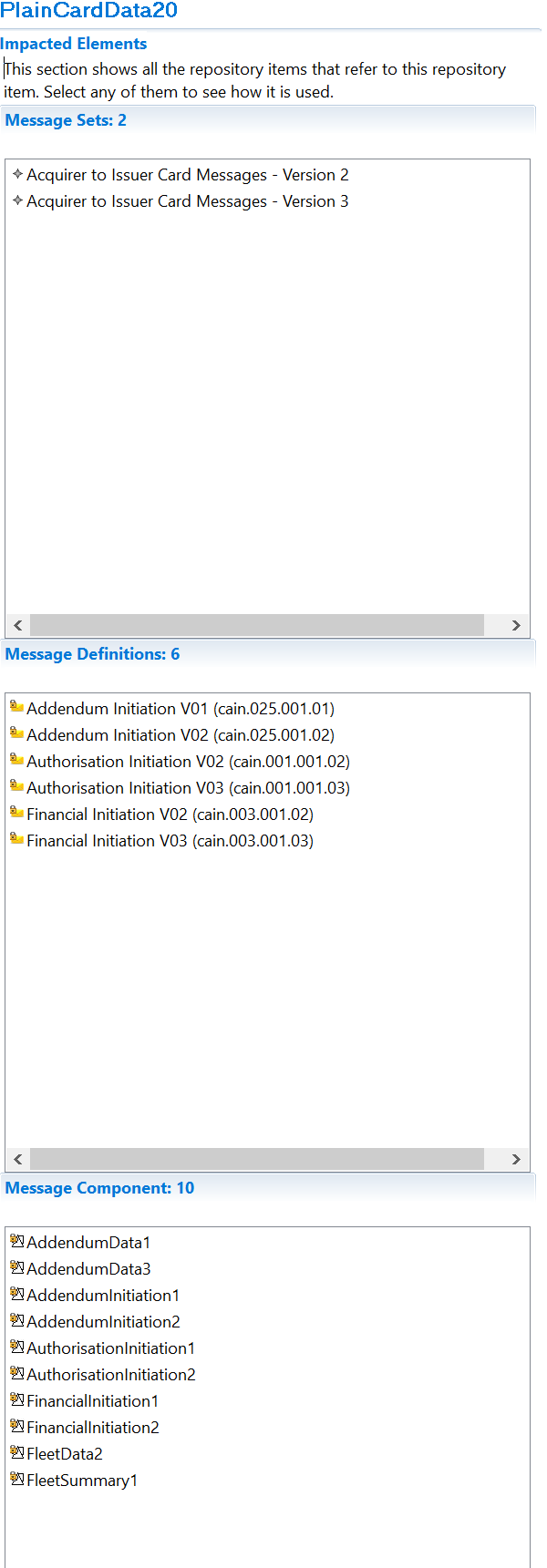
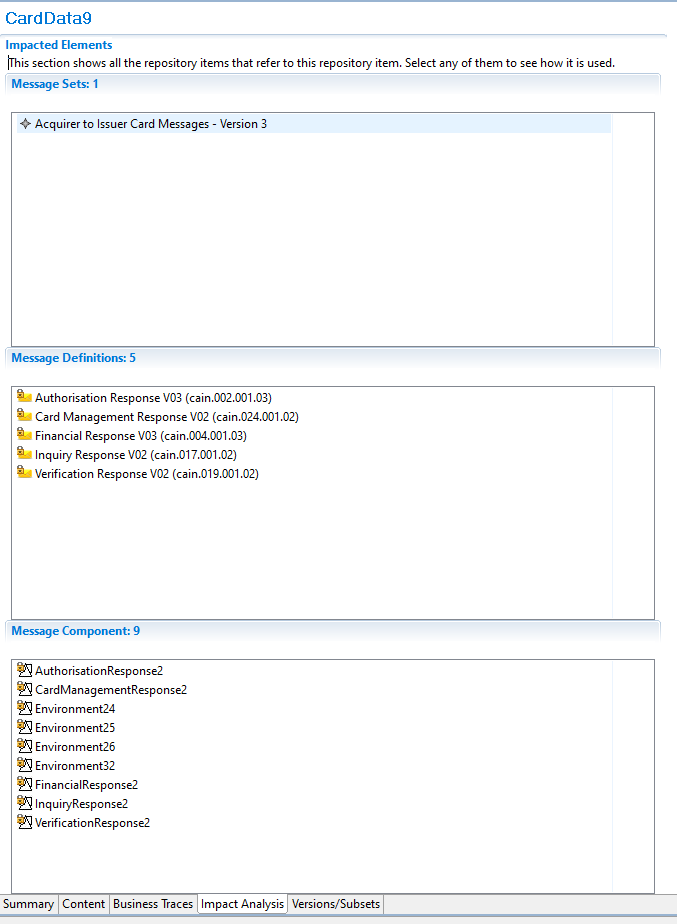
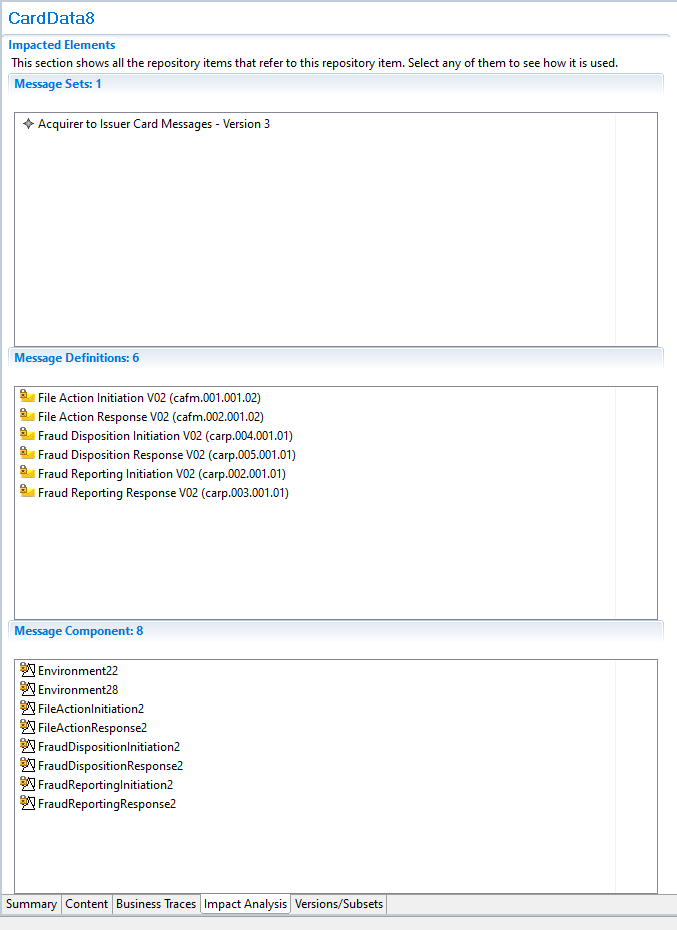
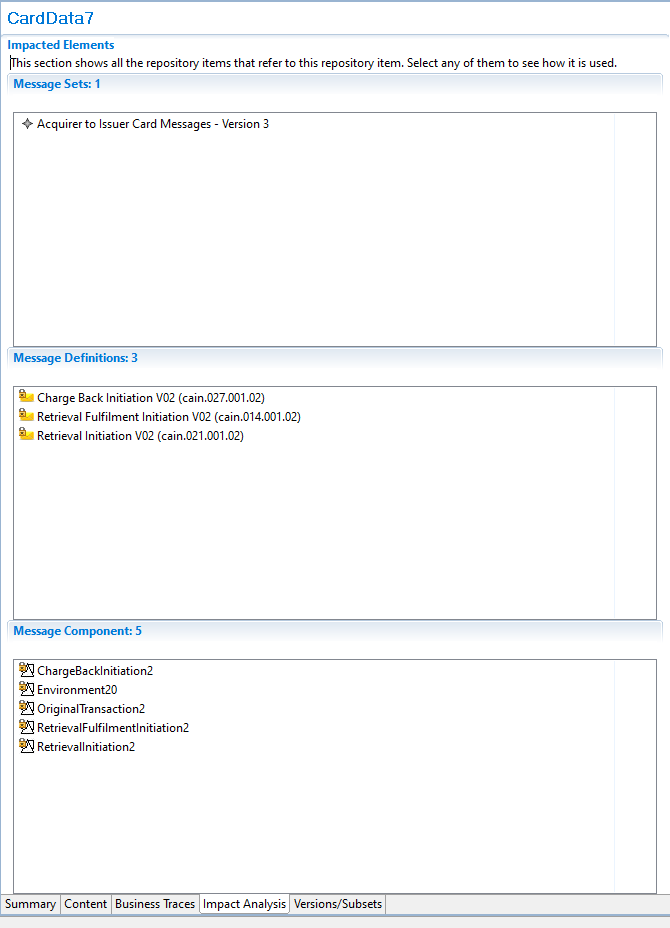
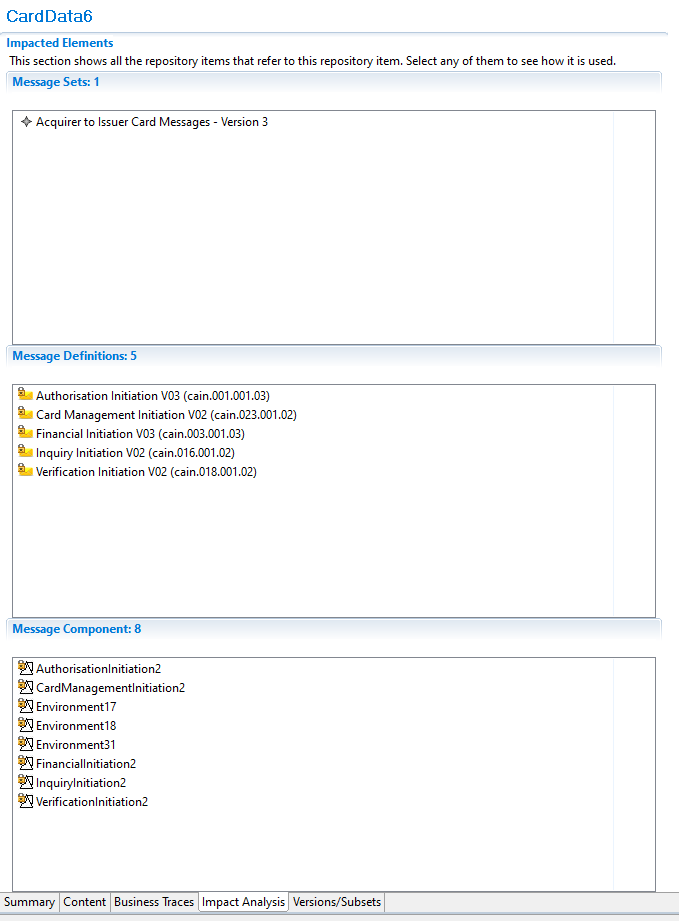
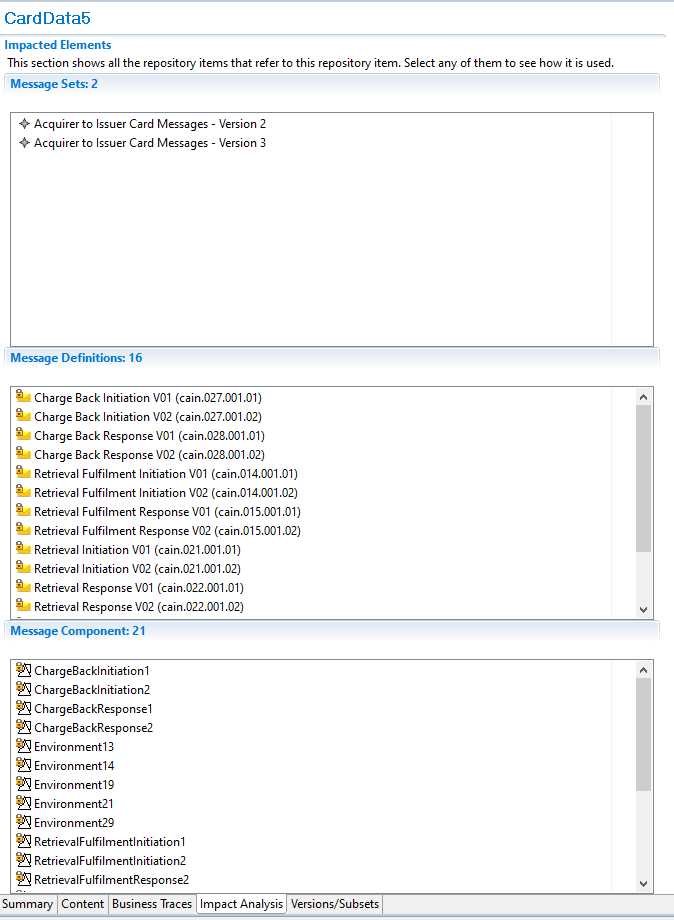
Modify AdditionalCardData in CardData5-9 and PlainCardData20 as below

|  |  |  |
| --- | --- | --- |
| Additional Card Data | ~~[0..1] ->~~;[0..\*] | ~~Max35Text~~ -> AdditionalData1 |

#### Impact

Component CardData5, 6, 7, 8, and 9 used in all message related to Cardholder Transaction.

* Authorization Initiation V03 (cain.001.001.03)
* Authorization Response V03 (cain.002.001.03)
* Financial Initiation V03 (cain.003.001.03)
* Financial Response V03 (cain.004.001.03)
* Inquiry Initiation V02 (cain.016.001.02)
* Inquiry Response V02 (cain.017.001.02)
* Card Management Initiation V02 (cain.023.001.02)
* Card ManagementResponse V02 (cain.024.001.02)
* Reversal Initiation V03 (cain.005.001.03)
* Reversal Response V03 (cain.006.001.03)
* Chargeback Initiation V02 (cain.027.001.02)
* Retrieval Fulfilment Initiation V02 (cain.014.001.02)
* Retrieval Initiation V02 (cain.021.001.02)
* Chargeback Initiation V02 (cain.027.001.02)
* Chargeback Response V02 (cain.028.001.02)
* Retrieval Fulfilment Initiation V02 (cain.014.001.02)
* Retrieval Fulfilment Response V02 (cain.015.001.02)
* Retrieval Initiation V02 (cain.021.001.02)
* Retrieval Response V02 (cain.022.001.02)
* File Action Initiation V02 (cafm.001.001.02)
* Retrieval Response V02 (cafm.002.001.02)
* Fee Collection Initiation V02 (cafc.001.001.02)
* Fee Collection Response V02 (cafc.002.001.02)
* Fraud Reporting Initiation V02 (carp.002.001.01)
* Fraud Reporting Response V02 (carp.003.001.01)
* Fraud Disposition Initiation V02 (carp.004.001.01)
* Fraud Disposition Response V02 (carp.005.001.01)
* Verification Initiation V02 (cain.018.001.02)
* Verification Response V02 (cain.019.001.02)



## CR0984-15: Error details and source in Processing Results

#### Description

Existing ProcessingResult component is updated

* Error details structure is added to all the responses messages and to all the initiation messages that contain StatusAdvice or StatusResponse as MessageFunction
* ApprovalData component content is splitted into two separate fields (ResponseSource and ApprovalCode) and these two data replace the previous component
* ResponseSource is added to all response message

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **AddendumResponseV03** | [1..1] |  |
| Body | [1..1] | **AddendumResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FeeCollectionResponseV03** | [1..1] |  |
| Body | [1..1] | **FeeCollectionResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FraudDispositionResponseV03** | [1..1] |  |
| Body | [1..1] | **FraudDispositionResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **FraudReportingResponseV03** | [1..1] |  |
| Body | [1..1] | **FraudReportingResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **ReconciliationResponseV04** | [1..1] |  |
| Body | [1..1] | **ReconciliationResponse4** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **RetrievalFulfilmentResponseV03** | [1..1] |  |
| Body | [1..1] | **RetrievalFulfilmentResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **KeyExchangeResponseV04** | [1..1] |  |
| Body | [1..1] | **KeyExchangeResponse4** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **RetrievalResponseV03** | [1..1] |  |
| Body | [1..1] | **RetrievalResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **AuthorisationResponseV04** | [1..1] |  |
| Body | [1..1] | **AuthorisationResponse4** |
| ProcessingResult | [1..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ~~ApprovalData~~ | ~~[0..1]~~ | ~~ApprovalData1~~ |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Approval Code* | *[0..1]* | *Exact6AlphaNumericText* |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | ResultData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **FinancialResponseV04** | [1..1] |  |
| Body | [1..1] | **FinancialResponse4** |
| ProcessingResult | [1..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ~~ApprovalData~~ | ~~[0..1]~~ | ~~ApprovalData1~~ |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Approval Code* | *[0..1]* | *Exact6AlphaNumericText* |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | ResultData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **ReversalResponseV04** | [1..1] |  |
| Body | [1..1] | **ReversalResponse4** |
| ProcessingResult | [1..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ~~ApprovalData~~ | ~~[0..1]~~ | ~~ApprovalData1~~ |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Approval Code* | *[0..1]* | *Exact6AlphaNumericText* |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | ResultData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **BatchManagementResponseV03** | [1..1] |  |
| Body | [1..1] | **BatchManagementResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult13~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData8 |
| OriginalResultData | [0..1] | ResultData1 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **BatchTransferResponseV03** | [1..1] |  |
| Body | [1..1] | **BatchTransferResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult13~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData8 |
| OriginalResultData | [0..1] | ResultData1 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| Message Root | Occurs | | Type | |
| **SettlementReportingResponseV03** | [1..1] | |  | |
| Body | [1..1] | | **SettlementReportingResponse3** | |
| ProcessingResult | [0..1] | | **~~ProcessingResult13~~**  **ProcessingResultXX** | |
| *ResponseSource* | | *[0..1]* | | *ApprovalEntity1* |
| ResultData | [0..1] | | ResultData8 | |
| OriginalResultData | [0..1] | | ResultData1 | |
| *Error Detail* | *[0..\*]* | | *ErrorDetails2* | |
| *Message Error Type* | *[1..1]* | | *MessageError1Code* | |
| *Other Message Error Type* | *[0..1]* | | *Max35Text* | |
| *Error Code* | *[0..1]* | | *Max35Text* | |
| *Error Description* | *[0..1]* | | *Max500Text* | |
| *Data Element In Error* | *[0..\*]* | | *Max4000Text* | |

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| Message Root | Occurs | Type |
| **CardManagementResponseV03** | [1..1] |  |
| Body | [1..1] | **CardManagementResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ~~ApprovalData~~ | ~~[0..1]~~ | ~~ApprovalData1~~ |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Approval Code* | *[0..1]* | *Exact6AlphaNumericText* |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | ResultData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| Message Root | Occurs | Type |
| **NetworkManagementResponseV04** | [1..1] |  |
| Body | [1..1] | **NetworkManagementResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ~~ApprovalData~~ | ~~[0..1]~~ | ~~ApprovalData1~~ |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Approval Code* | *[0..1]* | *Exact6AlphaNumericText* |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | ResultData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| Message Root | Occurs | Type |
| **ReversalInitiationV04** | [1..1] |  |
| Body | [1..1] | **ReversalInitiation4** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ~~ApprovalData~~ | ~~[0..1]~~ | ~~ApprovalData1~~ |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Approval Code* | *[0..1]* | *Exact6AlphaNumericText* |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | ResultData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| Message Root | Occurs | Type |
| **VerificationResponseV03** | [1..1] |  |
| Body | [1..1] | **VerificationResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult12~~**  **ProcessingResultXX** |
| ~~ApprovalData~~ | ~~[0..1]~~ | ~~ApprovalData1~~ |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Approval Code* | *[0..1]* | *Exact6AlphaNumericText* |
| ResultData | [0..1] | ResultData11 |
| OriginalResultData | [0..1] | ResultData7 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| Message Root | Occurs | Type |
| **InquiryResponseV03** | [1..1] |  |
| Body | [1..1] | **InquiryResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult11~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | ResultData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| Message Root | Occurs | Type |
| **ChargeBackInitiationV03** | [1..1] |  |
| Body | [1..1] | **ChargeBackInitiation3** |
| ProcessingResult | [0..1] | **~~ProcessingResult8~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **ChargeBackResponseV03** | [1..1] |  |
| Body | [1..1] | **ChargeBackResponse3** |
| ProcessingResult | [0..1] | **~~ProcessingResult7~~**  **ProcessingResultXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| ResultData | [0..1] | ResultData1 |
| OriginalResultData | [0..1] | ResultData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **FileActionResponseV03** | [1..1] |  |
| Body | [1..1] | **FileActionResponse3** |
| ProcessingResult | [0..1] | **~~ResultData9~~**  **ResultDataXX** |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| Result | [0..1] | FileActionResult1Code |
| OtherResult | [0..1] | Max35Text |
| ResultDetails | [1..1] | ISOResponseCode |
| OtherResultDetails | [0..1] | ResultData1 |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

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| --- | --- | --- |
| Message Root | Occurs | Type |
| **RetrievalInitiationV03** | [1..1] |  |
| Body | [1..1] | **RetrievalInitiation3** |
| *ProcessingResult* | *[0..1]* | *ProcessingResultXX* |
| *ResponseSource* | *[0..1]* | *ApprovalEntity1* |
| *Error Detail* | *[0..\*]* | *ErrorDetails2* |
| *Message Error Type* | *[1..1]* | *MessageError1Code* |
| *Other Message Error Type* | *[0..1]* | *Max35Text* |
| *Error Code* | *[0..1]* | *Max35Text* |
| *Error Description* | *[0..1]* | *Max500Text* |
| *Data Element In Error* | *[0..\*]* | *Max4000Text* |

#### Impacts

ProcessingResult9 component is modified in the following messages :

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| Message Definition |
| CardManagementResponseV02 (cain.024.001.02)  NetworkManagementResponseV03 (canm.002.001.03)  ReversalInitiationV03 (cain.005.001.03) |

ProcessingResult10 component is modified in the following messages :

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| --- |
| Message Definition |
| AuthorisationResponseV03 (cain.002.001.03)  ChargeBackInitiationV02 (cain.027.001.02)  FinancialResponseV03 (cain.004.001.03)  RetrievalInitiationV02 (cain.021.001.02)  ReversalResponseV03 (cain.006.001.03) |

ProcessingResult11 component is modified in the following messages :

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| Message Definition |
| InquiryResponseV02 (cain.017.001.02) |

ProcessingResult12 component is modified in the following messages :

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| Message Definition |
| VerificationResponseV02 (cain.019.001.02) |

ProcessingResult13 component is modified in the following messages :

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| Message Definition |
| BatchManagementResponseV02 (caad.002.001.02)  BatchTransferResponseV02 (caad.004.001.02)  SettlementReportingResponseV02 (carp.007.001.01) |

ProcessingResult14 component is modified in the following messages :

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| --- |
| Message Definition |
| AddendumResponseV02 (cain.026.001.02)  FeeCollectionResponseV02 (cafc.002.001.02)  FraudDispositionResponseV02 (carp.005.001.01)  FraudReportingResponseV02 (carp.003.001.01)  KeyExchangeResponseV03 (canm.004.001.03)  ReconciliationResponseV03 (caad.006.001.03)  RetrievalFulfilmentResponseV02 (cain.015.001.02)  RetrievalResponseV02 (cain.022.001.02) |

# ATICA MCR-V3 CR0979 – Critical Fixes

**for the update of ISO 20022 financial repository items**

*Note: the purpose of this document is to give guidelines to parties who want to introduce a request to change an existing ISO 20022 message(s), or update other items of the ISO 20022 financial repository. Such change requests are subject to the approval of the ISO 20022 Standards Evaluation Group(s) in charge of the related message/item or to the approval of the Technical Support Group (TSG), if the requested change relates to the Business Application Header (BAH). Please consult the iso20022.org website for additional details on the* [*maintenance process*](http://www.iso20022.org/maintenance.page)*. Change requests are to be sent to* [*iso20022ra@iso20022.org*](mailto:iso20022ra@iso20022.org)*. All change requests conforming to this template received by June 1st will be considered for development in the following yearly ISO 20022 maintenance cycle which completes with publication of new message versions in April/May of the following year.*

1. **Origin of the request:**

*A.1 Submitter*: ISO TC68/SC9/TG1

*A.2 Contact person:*

Douglas FrantzDFrantz@visa.com+1 (650) 432-4591

*A.3 Sponsors:* ISO TC68/SC9/TG1

1. **Related messages:**

caad.001.001.02          BatchManagementInitiationV02

caad.002.001.02          BatchManagementResponseV02

caad.003.001.01          BatchTransferInitiationV01

caad.004.001.01          BatchTransferResponseV01

caad.005.001.03          ReconciliationInitiationV03

caad.006.001.03          ReconciliationResponseV03

caad.007.001.03          ErrorV03

cafc.001.001.02          FeeCollectionInitiationV02

cafc.002.001.02          FeeCollectionResponseV02

cafm.001.001.02         FileActionInitiationV02

cafm.002.001.02         FileActionResponseV02

cafr.001.001.02           FraudReportingInitiationV02

cafr.002.001.02           FraudReportingResponseV02

cafr.003.001.02           FraudDispositionInitiationV02

cafr.004.001.02           FraudDispositionResponseV02

cain.001.001.03          AuthorisationInitiationV03

cain.002.001.03          AuthorisationResponseV03

cain.003.001.03          FinancialInitiationV03

cain.004.001.03          FinancialResponseV03

cain.005.001.03          ReversalInitiationV03

cain.006.001.03          ReversalResponseV03

cain.014.001.02          RetrievalFulfilmentInitiationV02

cain.015.001.02          RetrievalFulfilmentResponseV02

cain.016.001.02          InquiryInitiationV02

cain.017.001.02          InquiryResponseV02

cain.018.001.02          VerificationInitiationV02

cain.019.001.02          VerificationResponseV02

cain.020.001.01          AmendmentV01

cain.021.001.02          RetrievalInitiationV02

cain.022.001.02          RetrievalResponseV02

cain.023.001.02          CardManagementInitiationV02

cain.024.001.02          CardManagementResponseV02

cain.025.001.02          AddendumInitiationV02

cain.026.001.02          AddendumResponseV02

cain.027.001.02          ChargeBackInitiationV02

cain.028.001.02          ChargeBackResponseV02

canm.001.001.03        NetworkManagementInitiationV03

canm.002.001.03        NetworkManagementResponseV03

canm.003.001.03        KeyExchangeInitiationV03

canm.004.001.03        KeyExchangeResponseV03

casr.001.001.02           SettlementReportingInitiationV02

casr.002.001.02           SettlementReportingResponseV02

.

1. **Description of the change request:**

The following changes provide corrections or critical modifications to existing structures and components. The types of change include, but are not limited to:

* Field size changes to match 8583, other ISO standards, or other marketplace needs
* Updating elements or components cardinality
* New codes or data elements to existing components
* Addition of a new actor in the ATICA standard

Without these critical changes, actors in card payments would be prevented from implementing ATICA or would cause deviations from the standard. These changes were brought forth from stakeholders as a result of internal reviews and feedback to TG1.

1. **Purpose of the change:**

These changes include corrections to support existing and evolving business practices, payment methods and services, inclusion of additional data to support these processes, regulatory requirements and compatibility with existing standards and implementations. The card industry is evolving rapidly. These changes will enhance the ATICA message set to better support use of ISO 20022 ATICA messages within the card industry.

1. **Urgency of the request:**

Normal Maintenance Cycle

1. **Business examples:**

* Field size expansion for an existing data element.
  + Field Size Expansion - Expand length of terminal serial number for local markets that have large terminal serial numbers.
* Updating existing data elements cardinality.
  + Change to AdditionalIdentification.
* New code added to an existing data element.
  + Add Codes to verification Entity to cover Card or Card Acceptance Device perform the verification.
* Insertion of a new actor within the ATICA model.
  + This addition will provide more details of all parties involved in the transaction for KYC/AML and other regulatory purposes.

1. **SEG/TSG recommendation:**

*This section is not to be taken care of by the submitter of the change request. It will be completed in due time by the SEG(s) in charge of the related ISO 20022 messages or the TSG for changes related to the BAH.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Consider** | | X | **Timing** |
|  | | - **Next yearly cycle: 2021/2022**  (the change will be considered for implementation in the yearly maintenance cycle which starts in 2021 and completes with the publication of new message versions in the spring of 2022) | |  |
|  | | - **At the occasion of the next maintenance of the messages**  (the change will be considered for implementation, but does not justify maintenance of the messages in its own right – will be pending until more critical change requests are received for the messages) | |  |
|  | | - **Urgent unscheduled**  (the change justifies an urgent implementation outside of the normal yearly cycle) | |  |  |
|  | | - **Other timing:** | | |  |

Comments:

The change requests are approved by the participants (see list above).

|  |  |
| --- | --- |
| **Reject** |  |

Reason for rejection:

Key:

**Items in blue have changed**

~~Items in red to be removed~~

*Items in green are new*

## CR0979-1: AddendumData2

#### Description

Update AddendumData2 to fix critical bugs and missing data.

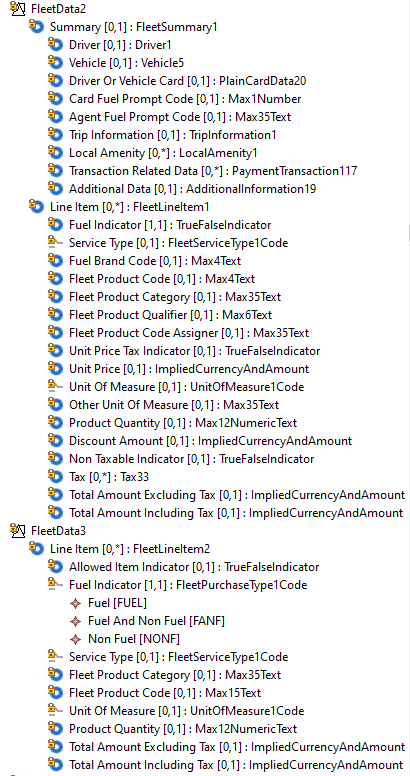
* Include Instalment data in response messages
* Fix fuel indicator inconsistency in request and response messages.
* Create new AddendumDataX which has Instalment data and additional data to Inquiry and Verification initiation and response.
* Update Period Unit used in Instalments to add an additional code to Frequency12Code to have an interval that represents twice a week.

#### Existing component

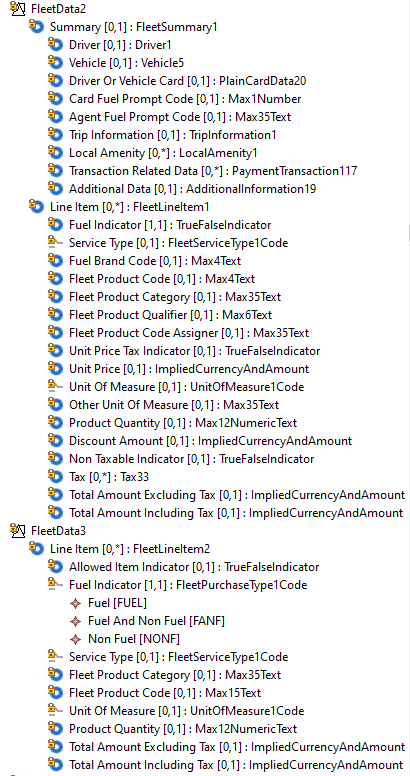
Existing AddendumData2 component:



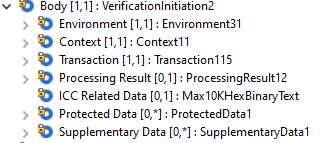
Existing FleetLineItem1 component in Request (Correct):



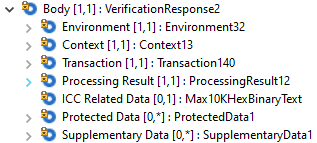
Existing FleetLineItem2 component in Response (Incorrect):



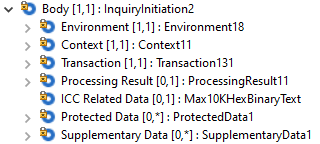
Existing VerificationInitiation2 component:



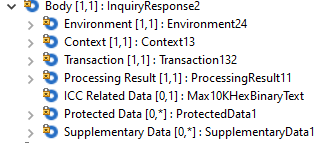
Existing VerificationResponse2 component:



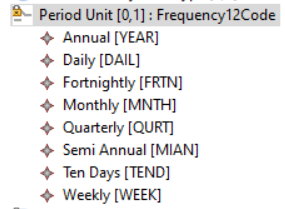
Existing InquiryInitiation2 component:



Existing InquiryResponse2 component:



Existing Frequency12Code component:



#### Component modification

Modified component of AddendumData2

|  |  |  |
| --- | --- | --- |
| Addendum Data | Occurs | Type |
| Fleet | [0..1] | FleetData3 |
| *Instalment* | *[0..1]* | *Instalment4* |
| Additional Data | [0..\*] | AdditionalData1 |

Modified component of VerificationInitiation2/VerificationResponse2/InquiryInitation2/InquiryResponse2

|  |  |  |
| --- | --- | --- |
| Body | Occurs | Type |
| Environment | [1..1] | Environment31 |
| … |  |  |
| *Addendum Data* | *[0..1]* | *AddendumDataX* |
| *Instalment* | *[0..1]* | *Instalment4* |
| Additional Data | [0..\*] | AdditionalData1 |

FleetLineItem2

|  |  |  |
| --- | --- | --- |
| Line Item | Occurs | Type |
| Allowed Item Indicator | [0..1] | TrueFalseIndicator |
| Fuel Indicator | [1..1] | **TrueFalseIndicator** |
| … |  |  |

FrequencyXCode

|  |  |  |
| --- | --- | --- |
| FrequencyXCode | Occurs | Type |
| Annual [YEAR] | Code |  |
| Daily [DAIL] | Code |  |
| Fortnightly [FRTN] | Code |  |
| Monthly [MNTH] | Code |  |
| Quarterly [QURT] | Code |  |
| Semi Annual [MIAN] | Code |  |
| Ten Days [TEND] | Code |  |
| Weekly [WEEK] | Code |  |
| *Twice a Week [TWWK]* | *Code* |  |

Plan2

|  |  |  |
| --- | --- | --- |
| Plan | Occurs | Type |
| Plan Identification | [0..1] | Max35Text |
| Plan Owner | [0..1] | PlanOwner1Code |
| … |  |  |
| Period Unit | [0..1] | *FrequencyXcode* |
| … |  |  |

#### Impacts

* AddendumData2 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Response V03 | AuthorisationResponse2.AddendumData2 |
| Financial Response V03 | FinancialResponse2.AddendumData2 |

* Add AddendumDataX component to the following Messages

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Verification Initiation V02 | VerificationInitiation2.AddendumDataX |
| Verification Response V02 | VerificationResponse2.AddendumDataX |
| Inquiry Initiation V02 | InquiryInitiation2.AddendumDataX |
| Inquiry Response V02 | InquiryResponse2.AddendumDataX |

* FleetLineItem2 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Response V03 | AuthorisationResponse2.AddendumData2.FleetData3.FleetLineItem2 |
| Financial Response V03 | FinancialResponse2.AddendumData2.FleetData3.FleetLineItem2 |

* PeriodUnit component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Addendum Response V02 | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Authorisation Initiation V03 (cain.001.001.02) | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Authorisation Response V03 (cain.001.001.03) | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Financial Initiation V03 | AddendumData3.Instalment4.Plan2.PeriodUnit |
| Financial Response V03 | AddendumData3.Instalment4.Plan2.PeriodUnit |

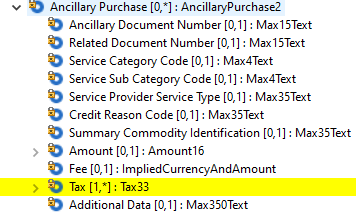
## CR0979-2: Tax within AncillaryPurchase2

#### Description

New AncillaryPurchaseX which does not set Tax as required

#### Existing component

Existing AncillaryPurchase2 component:



#### Component modification

Modified component that will replace all instances of AncillaryPurchase2

|  |  |  |
| --- | --- | --- |
| Ancillary Purchase | Occurs | Type |
| Ancillary Document Number | [0..1] | Max15Text |
| … |  |  |
| Tax | [**0**..\*] | Tax33 |
| … |  |  |

#### Impacts

* AncillaryPurchase2 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumIntiation2.AddendumData3.PassengerTransport2.AncillaryPurchase2 |
| Authorisation Initiation v03 | AuthorisationInitiation2.AddendumData3.PassengerTransport2.AncillaryPurchase2 |
| Financial Initiation V03 | FinancialInitiation2.AddendumData3.PassengerTransport2.AncillaryPurchase2 |

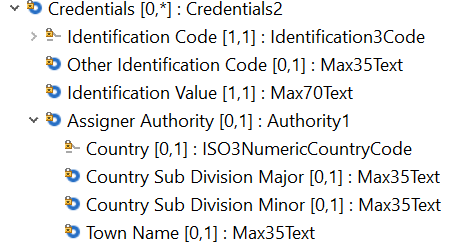
## CR0979-3: Customer Credential

### Add Expiration Date to Credential2

#### Description

Add Expiration Date to credential2 which is used in Customer7 to indicate the date that the customer’s credential identification ID is expired. Also change the type of Sub Division Major to Max3Text

#### Existing component



#### Component modification

Modified component that will replace all instances of Credential2 with CredentialX:

|  |  |  |
| --- | --- | --- |
| CredentialX | Occurs | Type |
| IdentificationCode <IdCd> | [0..1] | Identification3Code |
| OtherIdentificationCode <OthrIdCd> | [0..1] | Max35Text |
| IdentificationValue <IdVal> | [0..1] | Max70Text |
| IdentificationExpiryDate<IdXpryDt> | [0..1] | ISOYearMonth |
| AssignerAuthority<AssgnrAuthrty> | [0..1] | *AuthorityX* |
| Country<Ctry> | [0..1] | ISO2Or3ACountryCode |
| CountrySubDivisionMajor<CtrySubDvsnMjr> | [0..1] | ISOCountrySubDivisionCode |
| CountrySubDvisionMinor<CtrySubDvsnMnr> | [0..1] | ISOCountrySubDivisionCode |
| Name<TwnNm> | [0..1] | Max50Text |

### Impacts

* Credential2 component used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| Credential2/Customer7/PartyIdentification239/Environment17/AuthorisationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| Credential2/Customer7/PartyIdentification239/Environment17/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| Credential2/Customer7/PartyIdentification239/Environment31/VerificationInitiation2 | Verification Initiation V03 (cain.018.001.02 |
| Credential2/Customer7/PartyIdentification239/Environment21/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| Credential2/Customer7/PartyIdentification239/Environment22/FileActionInitiation2 | File Action Initiation V02 (cafm.001.001.02) |
| Credential2/Customer7/PartyIdentification239/Environment22/FileActionResponse2 | File Action Response V02 (cafm.002.001.02) |
| Credential2/Customer7/PartyIdentification239/Environment21/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| Credential2/Customer7/PartyIdentification239/Environment21/RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| Credential2/Customer7/PartyIdentification239/Environment21/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| Credential2/Customer7/PartyIdentification239/Environment21/RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |
| Credential2/Customer7/PartyIdentification239/Environment19/ReveralInitiation2 | Reversal Initiation V03 (cain.005.001.03) |

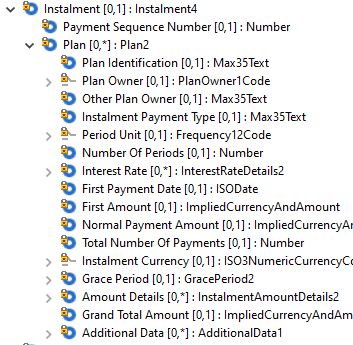
## CR0979-4: Plan2 structure

#### Description

New PlanX structure to be used for Plan data type that will contain updated Plan Identification Length

#### Existing component

Existing Plan2 component:



#### Component modification

Modified component that will replace all instances of Plan2

|  |  |  |
| --- | --- | --- |
| Plan | Occurs | Type |
| Plan Identification | [0..1] | **Max70Text** |
| … |  |  |

#### Impacts

* Plan2 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Initiation V03 | AuthorisationInitiation2.AddendumData3.Instalment4.Plan2 |
| Financial Initiation V03 | FinancialInitiation2.AddendumData3.Instalment4.Plan2 |
| Addendum Initiation V02 | AddendumInitiation2.AddendumData3.Instalment4.Plan2 |

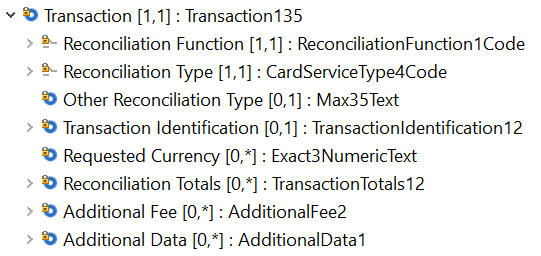
## CR0979-5: Reconciliation Activity type

### Add Reconciliation activity type to Reconciliation Transaction

#### Description

Add Reconciliation activity type to Transaction135 to indicate the activity type to be reconciled in the Reconciliation Initiation and Response message.

#### Existing component



#### Component modification

Modified component that will replace all instances of Transaction135 with TransactionXXX:

|  |  |  |
| --- | --- | --- |
| Transaction XXX | Occurs |  |
| ReconciliationFunction <RcncltnFctn> | [1..1] | CodeSet |
| ReconcilationActivityType<RcncActvtyTp> | [1..1] | CodeSet  ACQG – Acquiring  ISSG – Issuing  CNSD – Consolidated  OTHP – Other Private  OTHN – Other National |
| OtherReconciliationActivityType<OthrActvtyTp> | [0..1] | Max35Text |
| ReconciliationType <RcncltnTp> | [1..1] | CodeSet |
| OtherReconciliationType <OthrRcncltnTp> | [0..1] | Max35Text |
| TransactionIdentification <TxId> | [0..1] | TransactionIdentification12 |
| RequestedCurrency <ReqdCcy> | [0..\*] | Exact3NumericText |
| ReconciliationTotals <RcncltnTtls> | [0..\*] | TransactionTotal12 |
| AdditionalFees <AddtlFees> | [0..\*] | AdditionalFee2 |
| AdditionalData <AddtlData> | [0..\*] | AdditionalData1 |

#### Impacts

* Transaction135 component used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| Transaction135/ReconcilationInitiation2 | ReconcilationInitiation V03 (caad.005.001.03) |
| Transaction135/ReconcilationResponse5 | ReconciliationResponse V03 (caad.006.001.03) |

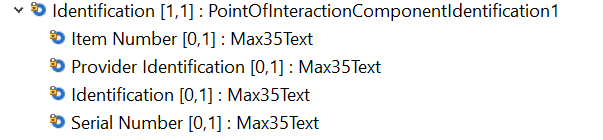
## CR0979-6: POI Component Enhancement

### Extend the length of serial number POI Identification

#### Description

Extend the length of serial number of POI component Identification from Max35Text to Max70Text.

#### Existing component



#### Component modification

Modified component that will replace all instances of PointOfInteractionComponentIdentification1:

|  |  |  |
| --- | --- | --- |
| PointOfInteractionComponentIdentification1 | Occurs | Type |
| ItemNumber <ItmNb> | [0..1] | Max35Text |
| ProviderIdentification <PrvdrId> | [0..1] | Max35Text |
| Identification <Id> | [0..1] | Max35Text |
| SerialNumber <SrlNb> | [0..1] | **Max70Text** |

#### Impacts

* PointOfInteractionComponentIdentification1 component used in

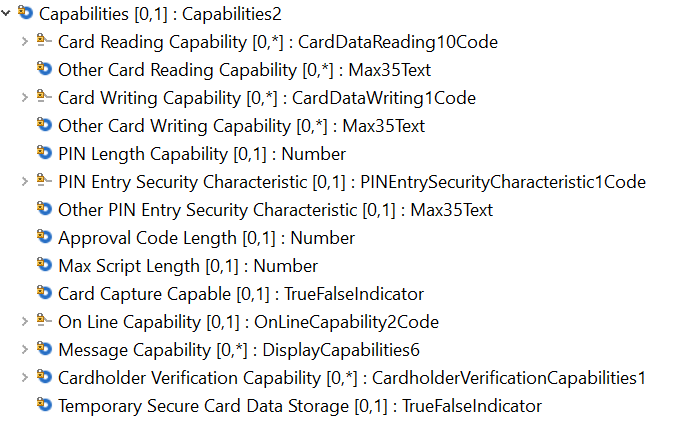
|  |  |
| --- | --- |
| Component Trace Path | Messages |
| PointOfInteractionComponentIdentification1/PointOfInteractionComponent8/Terminal4/Environment17 | * AuthorizationInitiation1 * FinancialInitiation1 * VerificationInitiation1 * InquiryInitiation1 * CardManagementInitiation1 |

### Correct Errors related to iterative fields in Terminal.Capability

#### Description

Currently, some iterative fields relate to another iterative field – it is not possible to tie specific iterations of each field together. Each pair must be grouped inside of its own repeating structure inside of Capabilities (similar to CardholderVerificationCapability). Create two components (iterative structure) for CardReadingCapability and CardWritingCapability in Cap

#### Existing Component



#### Component modification

Modified component that will replace all instances of Capability2

|  |  |  |
| --- | --- | --- |
| CapabilityXX | Occurs | Type |
| CardReadingCapability <CardRdngCpblty> | [0..\*] | CardReadingCapability1 |
| Capability<Cpblty> | [1..1] | CardDataReading10Code (existing data type) |
| OtherCapability<OthrCpblty> | [0..1] | Max35Text |
| CardWritingCapabilities <CardWrtgCpblties> | [0..\*] | CardWritingCapability1 |
| Capabilities <Cpblties> | [1..1] | CardDataWriting1Code (existing data type) |
| OtherCapabilities <OthrCpblties> | [0..1] | Max35Text |
| PINLengthCapabilities <PINLngthCpblties> | [0..1] | Quantity |
| PINEntrySecurityCharacteristic<PINNtrySctyChrtc> | [0..1] | PINEntrySecurityCharacteristic1Code |
| OtherPINEntrySecurityCharacteristic<Othr PINNtrySctyChrtc> | [0..1] | Max35Text |
| …. |  |  |
| CardholderVerificationCapability <CrdhldrVrfctnCpblty> | [0..\*] | CardholderVerificationCapabilites1 |
| TemporarySecureCardDataStorage<TempScrCardDataStorg> | [0..1] | TrueFalseIndicator |

#### Impact

* Capability2 component used in

|  |  |
| --- | --- |
| Component Path | Messages |
| Capability2/Terminal4/Environment17/AuthorizationInitiation2 | Authorisation Initiation V03(cain.001.001.03) |
| Capability2/Terminal4/Environment17/FinancialInitiation2 | Financial Initiation V03(cain.003.001.03) |
| Capability2/Terminal4/Environment18/CardManagementInitiation2 | Card Management Initiation V02(cain.023.001.02) |
| Capability2/Termina5/Environment20//OriginalTransaction2/ChargebackInitiation2 | Chargeback Initiation V02(cain.027.001.02) |
| Capability2/Termina4/Environment22/FileActionInitiation2 | File Action Initiation V02(cafm.001.001.02) |
| Capability2/Termina4/Environment22/FileActionResponse2 | File Action Response V02(cafm.002.001.02) |
| Capability2/Terminal4/Environment18/InquiryInitiation2 | Inquiry Initiation V02(cain.016.001.02) |
| Capability2/Termina5/Environment20//OriginalTransaction2/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| Capability2/Termina5/Environment20//OriginalTransaction2/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| Capability2/Terminal4/Environment31/VerificationInitiation2 | Verification Initiation V02(cain.018.001.02) |

## CR0979-7: Consolidate TransactionIdentification elements

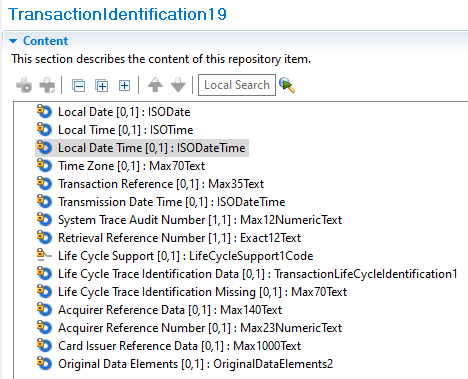
#### Description

Fixes for Transaction Identification

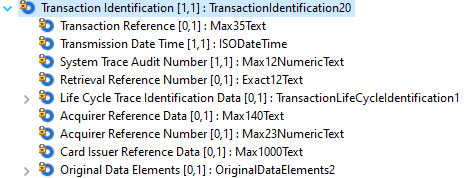
* Addendum response does not use the correct Transaction Identification. Consolidate TransactionIdentification19 to TransactionIdentification20.

#### Existing component

Existing TransactionIdentification19 component:



Existing TransactionIdentification20 component:



#### Component modification

Modified component of Transaction118 used in Addendum Response

|  |  |  |
| --- | --- | --- |
| Transaction118 | Occurs | Type |
| Transaction Type | [1..1] | ISOTransactionTypeCode |
| … |  |  |
| Transaction Identification | [1..1] | **TransactionIdentification20** |
| … |  |  |

#### Impacts

* TransactionIdentification19 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Response V02 | Addendumresponse2.Transaction118.TransactionIdentification19 |

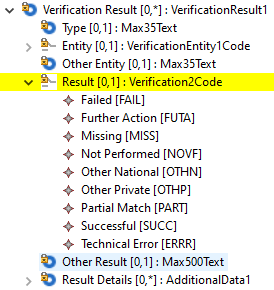
## CR0979-8: Result within VerificationResult1 structure

#### Description

New VerificationXCode codelist to be used for Result data type that will be added to VerificationResult1 structures

#### Existing component

Existing VerificationResult1 component:



#### Component modification

Modified component that will replace all instances of VerificationResult1

|  |  |  |
| --- | --- | --- |
| Verification Result | Occurs | Type |
| Type | [0..1] | Max35Text |
| … |  |  |
| **Result** | **[0..1]** | **VerificationXCode** |
| [FAIL] Failed | Code |  |
| [FUTA] Further Action | Code |  |
| [MISS] Missing | Code |  |
| [NOVF] Not Performed | Code |  |
| [OTHN] Other National | Code |  |
| [OTHP] Other Private | Code |  |
| [PART] Partial Match | Code |  |
| [SUCC] Successful | Code |  |
| [ERRR] Technical Error | Code |  |
| *[NOSP] Not Supported* | *Code* |  |
| … |  |  |

#### Impacts

* Verification2Code component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Authorisation Initiation V03 | AuthorisationInitiation2.Context10.Verification3.VerificationResult1.Verification2Code |
| Authorisation Response V03 | AuthorisationResponse2.Context13.Verification4.VerificationResult1.Verification2Code |
| Card Management Initiation V02 | CardManagementInitiation2.Context11.Verification3.VerificationResult1.Verification2Code |
| Card Management Response V02 | CardManagementResponse2.Context13.Verification4.VerificationResult1.Verification2Code |
| Charge Back Initiation V02 | ChargeBackInitiation2.Context12.Verification4.VerificationResult1.Verification2Code |
| Financial Initiation V03 | FinancialInitiation2.Context10.Verification3.VerificationResult1.Verification2Code |
| Financial Response V03 | FinancialResponse2.Context13.Verification4.VerificationResult1.Verification2Code |
| Inquiry Initiation V02 | InquiryInitiation2.Context11.Verification3.VerificationResult1.Verification2Code |
| Inquiry Response V02 | InquiryResponse2.Context13.Verification4.VerificationResult1.Verification2Code |
| Retrieval Fulfilment Initiation V02 | RetrievalFulfilmentInitiation2.OriginalTransaction2.Context12.Verification4.VerificationResult1.Verification2Code |
| Retrieval Initiation V02 | RetrievalInitiation2.OriginalTransaction2.Context12.Verification4.VerificationResult1.Verification2Code |
| Verification Initiation V02 | VerificationInitiation2.Context11.Verification3.VerificationResult1.Verification2Code |
| Verification Initiation V02 | VerificationResponse2.Context13.Verification4.VerificationResult1.Verification2Code |

## CR0979-9: Customer Device Code

#### Description

Add additional customer device codes used for a card payment transaction to the message component CustomerDevice3, code set CustomerDeviceType2Code

The codes to be added are:

* KFOB = key fob
* JEWL= jewlery
* STIC=sticker
* GAMB=gaming device
* WATC = watch

#### Component modification

Key:

**CustomerDeviceTypeX~~2~~Code**

|  |  |
| --- | --- |
| CodeName | Name |
| EMBD | Embedded |
| MOBL | Mobile |
| NSCR | Non Secure Card Reader |
| OTHN | Other National |
| OTHP | Other Private |
| PECR | Personal Computer |
| SECR | Secure Card Reader |
| TBLT | Tablet |
| VHCL | Vehicle |
| WRBL | Wearable |
| **KFOB** | **Key Fob** |
| **JEWL** | **Jewelry** |
| **STIC** | **Sticker** |
| **GAMB** | **Gaming Device** |
| **WATC** | **Watch** |

**AuthorisationInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | AuthorisationInitiation2 |
| Environment | [1..1] | Environment17 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**CardManagementInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | CardManagementInitiation2 |
| Environment | [1..1] | Environment18 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**CardManagementResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | CardManagementResponse2 |
| Environment | [1..1] | Environment25 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**ChargeBackInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | ChargeBackInitiation2 |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Original Transaction | [1..1] | OriginalTransaction2 |
| Environment | [0..1] | Environment20 |
| Acquirer | [0..1] | PartyIdentification198 |
| … |  |  |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**FileActionInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | FileActionInitiation2 |
| Environment | [1..1] | Environment22 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**FileActionResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | FileActionResponse2 |
| Environment | [1..1] | Environment22 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**FinancialInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | FinancialInitiation2 |
| Environment | [1..1] | Environment17 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**InquiryInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | InquiryInitiation2 |
| Environment | [1..1] | Environment18 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**RetrievalFulfilmentInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | RetrievalFulfilmentInitiation2 |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Original Transaction | [1..1] | OriginalTransaction2 |
| Environment | [0..1] | Environment20 |
| Acquirer | [0..1] | PartyIdentification198 |
| … |  |  |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**RetrievalInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | RetrievalInitiation2 |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Original Transaction | [1..1] | OriginalTransaction2 |
| Environment | [0..1] | Environment20 |
| Acquirer | [0..1] | PartyIdentification198 |
| … |  |  |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

**VerificationInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | VerificationInitiation2 |
| Environment | [1..1] | Environment31 |
| Customer Device | [0..1] | CustomerDevice3 |
| Device | [0..1] | Device2 |
| … |  |  |
| Type | [0..1] | **CustomerDeviceTypeX~~2~~Code** |
| Embedded [EMBD] | Code |  |
| Mobile [MOBL] | Code |  |
| … |  |  |
| *Key Fob [KFOB]* | *Code* |  |
| *Jewelry [JEWL]* | *Code* |  |
| *Sticker [STIC]* | *Code* |  |
| *Gaming Device [GAMB]* | *Code* |  |
| *Watch [WATC]* | *Code* |  |

#### Impacts

* + AuthorisationInitiationV03 (cain.001.001.03)
  + CardManagementInitiationV02 (cain.023.001.02)
  + CardManagementResponseV02 (cain.024.001.02)
  + ChargeBackInitiationV02 (cain.027.001.02)
  + FileActionInitiationV02 (cafm.001.001.02)
  + FileActionResponseV02 (cafm.002.001.02)
  + FinancialInitiationV03 (cain.003.001.03)
  + InquiryInitiationV02 (cain.016.001.02)
  + RetrievalFulfilmentInitiationV02 (cain.014.001.02)
  + RetrievalInitiationV02 (cain.021.001.02)
  + VerificationInitiationV02 (cain.018.001.02)

CR0979-10 : DataType for Entity inside of Environment PartyIdentification240

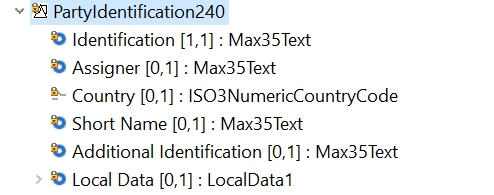
Create new PartyIdentificationXXX

*Description*

The following Components under Environments are using PartyIdentification240, but the datatype of PartyIdentification240/Identification is wrong, currently is Max35Text, it should be Max11NumericText to align with ISO 8583. And follow the rules defined by TC68/SC9.

* Acquirer
* Sender
* Receiver
* Originator
* Destination

*Existing component*



*Component modification*

Create component PartyIdentificationXXX:

|  |  |  |
| --- | --- | --- |
| PartyIdentificationXXX | Occurs | Type |
| Identification <Id> | [0..1] | Max11NumericText |
| Assigner <Assgnr> | [0..1] | Max35Text |
| Country<Ctry> | [0..1] | ISO3NumericCountryCode |
| ShortName<ShrtNm> | [0..1] | Max35Text |
| AdditionalIdentification <AddtlId> | [0..\*] | AdditionalData1 |
| LocalData<LclData> | [0..1] | LocalData1 |

Replace PartyIdentification240 component in the following with PartyIdentificationXXX in the environments

**Environment 17-33**

|  |  |  |
| --- | --- | --- |
| EnvironmentXX | Occurs | Type |
| Acquirer <Acqrr> | [1..1] | ~~PartyIdentification240~~  PartyIdentificationXXX |
| Originator<Orgtr> | [0..1] | ~~PartyIdentification240~~  PartyIdentificationXXX |
| Sender <Sndr> | [0..1] | ~~PartyIdentification240~~  PartyIdentificationXXX |
| Receiver <Rcvr> | [0..1] | ~~PartyIdentification240~~  PartyIdentificationXXX |
| Acceptor <Accptr> | [1..1] | PartyIdentification237 |
| Destination<Dstn> |  | ~~PartyIdentification240~~  PartyIdentificationXXX |
| … | … | … |

Impacts

* Environment 17-33 used in:

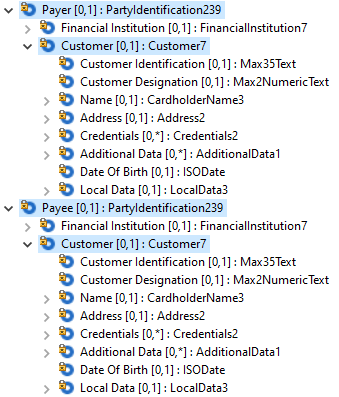
|  |  |
| --- | --- |
| Component Trace Path | Messages |
| Environment17/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| Environment26/AuthorizationResponse2 | Authorization Response V03 (cain.002.001.03) |
| Environment17/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| Environment26/FinancialnResponse2 | Financial Response V03 (cain.004.001.03) |
| Environment18/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| Environment24/ InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |
| Environment18/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| Environment25/ CardManagementResponse2 | Card ManagementResponse V02 (cain.024.001.02) |
| Environment19/ReversalInitiation2 | Reversal Initiation V03 (cain.005.001.03) |
| Environment29/ReversalResponse2 | Reversal Response V03 (cain.006.001.03) |
| Environment20/OriginalTransaction2/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| Environment20/OriginalTransaction2/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| Environment20/OriginalTransaction2/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| Environment21/ ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| Environment29/ ChargebackResponse2 | Chargeback Response V02 (cain.028.001.02) |
| Environment21/ RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| Environment21/ RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| Environment21/ RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| Environment21/ RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |
| Environment22/ FileActionInitiation2 | File Action Initiation V02 (cafm.001.001.02) |
| Environment22/ FileActionResponse2 | Retrieval Response V02 (cafm.002.001.02) |
| Environment23/ FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02) |
| Environment23/ FeeCollectionResponse2 | Fee Collection Response V02 (cafc.002.001.02) |
| Environment27/ SettlementReportingInitiation2 | Settlement Reporting Initiation V02 (carp.006.001.01) |
| Environment27/ SettlementReportingResponse2 | Settlement Reporting Response V02 (carp.007.001.01) |
| Environment28/ FraudReportingInitiation2 | Fraud Reporting Initiation V02 (carp.002.001.01) |
| Environment28/ FraudReportingResponse2 | Fraud Reporting Response V02 (carp.003.001.01) |
| Environment28/ FraudDispositionInitiation2 | Fraud Disposition Initiation V02 (carp.004.001.01) |
| Environment28/ FraudDispositionResponse2 | Fraud Disposition Response V02 (carp.005.001.01) |
| Environment30/ AddendumInitiation2 | Addendum Initiation V02 (cain.025.001.02) |
| Environment30/ AddendumResponse2 | Addendum Response V02 (cain.026.001.02) |
| Environment31/ VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| Environment32/ VerificationResponse2 | Verification Response V02 (cain.019.001.02) |
| Environment33/ BatchManagementInitiation2 | Batch Management Initiation V02 (caad.001.001.02) |
| Environment33/ BatchManagementResponse2 | Batch Management Response V02 (caad.002.001.02) |
| Environment33/ ReconciliationInitiation2 | Reconciliation Initiation V02 (caad.005.001.02) |
| Environment33/ ReconciliationResponse2 | Reconciliation Response V02 (caad.006.001.02) |
| Environment33/ CustomReport1 | Custom Resport V01 (carp.001.001.01) |

## CR0979-11: Customer7 enhancement

#### Description

* Part 1- Add Contact6 to Customer7 used in Payer / Payee to Align with ISO 8583 (bit 56 87 version).
* Part 2- Add Nationality and Country of Origin to Customer7

Existing Customer7 Structure used by Payer/Payee:



**Change:**

New CustomerX (was Customer7) which contains Contact6 structure, Nationality and Country of Birth used in PartyIdentification239 (Payer/ Payee)

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| Customer | [0..1] | CustomerX (was Customer7) |
| Customer Identification | [0..1] | Max35Text |
| Customer Designation | [0..1] | Max2NumericText |
| Name | [0..1] | CardholderName3 |
| Address | [0..1] | Address2 |
| *Contact Information* | *[0..1]* | *Contact6* |
| *Nationality* | *[0..1]* | *ISO2or3ACountryCode* |
| *Country of Birth* | *[0..1]* | *ISO2or3ACountryCode* |
| … |  |  |

Descriptions:

**Nationality**: Nationality information (ISO 3166-1 alpha-2 or alpha-3).

**Country of Birth**: Country of Birth information (ISO 3166-1 alpha-2 or alpha-3).

|  |  |
| --- | --- |
| Message Components | Message Definition |
| Environment17.PartyIdentification239.Customer7 | Authorisation Initiation V03 |
| Environment21.PartyIdentification239.Customer7 | Charge Back Initiation V02 |
| Environment22.PartyIdentification239.Customer7 | File Action Initiation V02 |
| Environment22.PartyIdentification239.Customer7 | File Action Response V02 |
| Environment17.PartyIdentification239.Customer7 | Financial Initiation V03 |
| Environment21.PartyIdentification239.Customer7 | Retrieval Fulfilment Initiation V02 |
| Environment21.PartyIdentification239.Customer7 | Retrieval Fulfilment Response V02 |
| Environment21.PartyIdentification239.Customer7 | Retrieval Initiation V02 |
| Environment21.PartyIdentification239.Customer7 | Retrieval Response V02 |
| Environment19.PartyIdentification239.Customer7 | Reversal Initiation V03 |
| Environment31.PartyIdentification239.Customer7 | Verification Initiation V02 |

## CR0979-12: CreditIndicator element

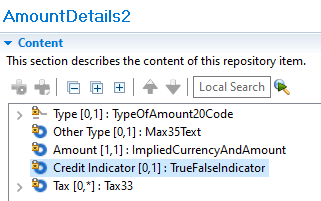
#### Description

The following change is for the CreditIndicator <CdtInd> element. Replace the current structure of a true/false indicator with a code detailing “Credit or Debit”

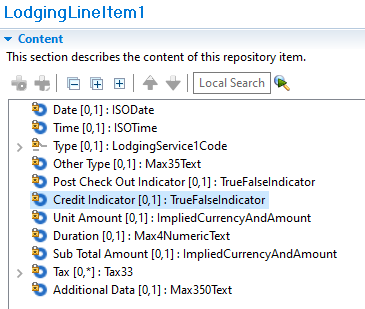
For everywhere credit indicator exists:  
Part 1). Change data type to use existing datatype CreditDebit3code  
Part 2). Change the name of the data element from CreditIndicator to CreditDebit.

**Existing:**

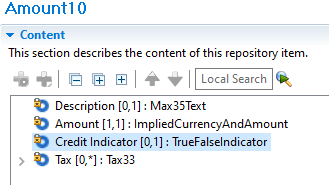
AmountDetails2:



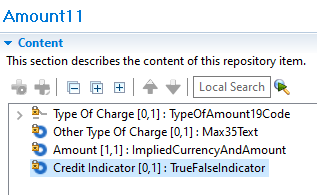
LodgingLineItem1:



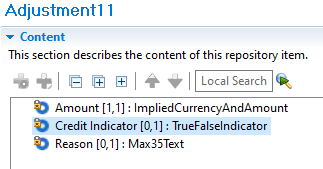
Amount10:



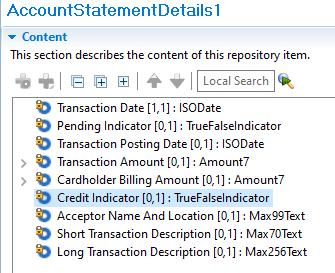
Amount11:



Adjustment11:



AccountStatementDetails1:



**Change:**

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| AmountDetails2 |  |  |
| Type | [0..1] | TypeOfAmount20Code |
| … |  |  |
| Credit Debit | [0..1] | CreditDebit3Code |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| LodgingLineItem1 |  |  |
| Date | [0..1] | ISODate |
| … |  |  |
| Credit Debit | [0..1] | CreditDebit3Code |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| Amount10 |  |  |
| Description | [0..1] | Max35Text |
| … |  |  |
| Credit Debit | [0..1] | CreditDebit3Code |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| Amount11 |  |  |
| Type Of Charge | [0..1] | TypeOfAmount19Code |
| … |  |  |
| Credit Debit | [0..1] | CreditDebit3Code |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| Adjustment11 |  |  |
| Amount | [1..1] | ImpliedCurrencyAndAmount |
| … |  |  |
| Credit Debit | [0..1] | CreditDebit3Code |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| AccountStatementDetails1 |  |  |
| Transaction Date | [1..1] | ISODate |
| … |  |  |
| Credit Debit | [0..1] | CreditDebit3Code |
| … |  |  |

**Impacts:**

AmountDetails2:

|  |  |
| --- | --- |
| Message Components | Message Definition |
| AddendumData3.PassengerTransport2.PassengerTransportSummary2.AmountDetails2 AddendumData3.PassengerTransport2.TripLeg2.AmountDetails2 | Addendum Initiation V02 |
| AddendumData3.PassengerTransport2.PassengerTransportSummary2.AmountDetails2 AddendumData3.PassengerTransport2.TripLeg2.AmountDetails2 | Authorisation Initiation V03 |
| AddendumData3.PassengerTransport2.PassengerTransportSummary2.AmountDetails2 AddendumData3.PassengerTransport2.TripLeg2.AmountDetails2 | Financial Initiation V03 |

LodgingLineItem1:

|  |  |
| --- | --- |
| Message Components | Message Definition |
| AddendumData3.Lodging3.LodgingLineItem1 | Addendum Initiation V02 |
| AddendumData3.Lodging3.LodgingLineItem1 | Authorisation Initiation V03 |
| AddendumData3.Lodging3.LodgingLineItem1 | Financial Initiation V03 |

Amount10:

|  |  |
| --- | --- |
| Message Components | Message Definition |
| AddendumData3.TelecomService.TelecomServicesSummary1.Amount10 | Addendum Initiation V02 |
| AddendumData3.TelecomService.TelecomServicesSummary1.Amount10 | Authorisation Initiation V03 |
| AddendumData3.TelecomService.TelecomServicesSummary1.Amount10 | Financial Initiation V03 |

Amount11:

|  |  |
| --- | --- |
| Message Components | Message Definition |
| AddendumData3.TelecomService.TelecomServicesLineItem1.Amount11 | Addendum Initiation V02 |
| AddendumData3.TelecomService.TelecomServicesLineItem1.Amount11 | Authorisation Initiation V03 |
| AddendumData3.TelecomService.TelecomServicesLineItem1.Amount11 | Financial Initiation V03 |

Adjustment11:

|  |  |
| --- | --- |
| Message Components | Message Definition |
| AddendumData3.Invoice2.InvoiceLineItem1.Adjustment11 | Addendum Initiation V02 |
| AddendumData3.Invoice2.InvoiceLineItem1.Adjustment11 | Authorisation Initiation V03 |
| AddendumData3.Invoice2.InvoiceLineItem1.Adjustment11 | Financial Initiation V03 |

AccountStatementDetails1:

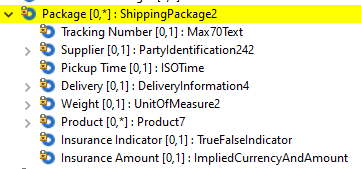
|  |  |
| --- | --- |
| Message Components | Message Definition |
| Transaction132.AccountStatementData.AccountStatementDetail1 | Inquiry Response V02 |

## CR0979-13: Shipping Pack1 Container

#### Description

Add a new data element “PickupDate” to the ShippingPackage2 structure.

Existing:



Updated:

|  |  |  |
| --- | --- | --- |
| Element name | Occurs | Type |
| ShippingPackage2 |  |  |
| Tracking Number | [0..1] | Max70Text |
| Supplier | [0..1] | PartyItentification242 |
| Pickup Time | [0..1] | ISOTime |
| *Pickup Date* | *[0..1]* | *ISODate* |
| … |  |  |

**Impact:**

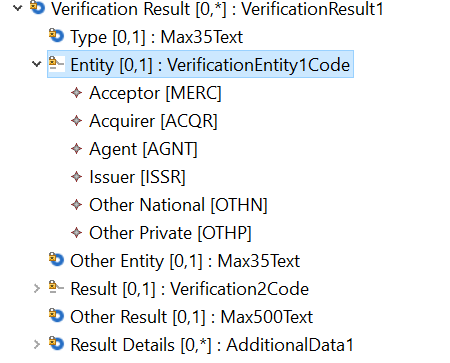
|  |  |
| --- | --- |
| Message Components | Message Definition |
| AddendumData3.ShippingData2.ShippingPackage2 | Addendum Initiation V02 |
| AddendumData3.ShippingData2.ShippingPackage2 | Authorisation Initiation V03 |
| AddendumData3.ShippingData2.ShippingPackage2 | Financial Initiation V03 |

## CR0979-14: VerificationEntity1Code

#### Description

Add two new codes to VerificationEntity1Code which is used in VerificationResult1.

Current Component



Component Modification – VerificationEntityX~~1~~Code

|  |  |  |
| --- | --- | --- |
| CodeName | Name | Description |
| 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. |
| … | … | … |
| ICCA | CardApplication | Application in the smart card. |
| CDAD | AcceptanceDevice | Type of Device to accept payment |

#### Impact

VerificationEntity1Code used in:

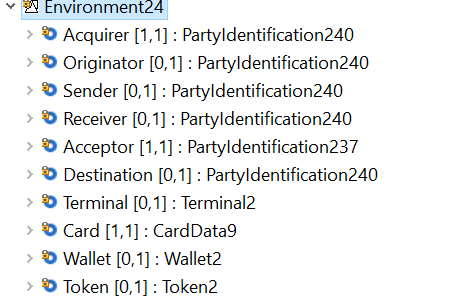
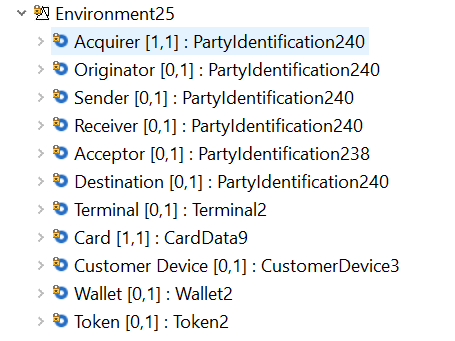
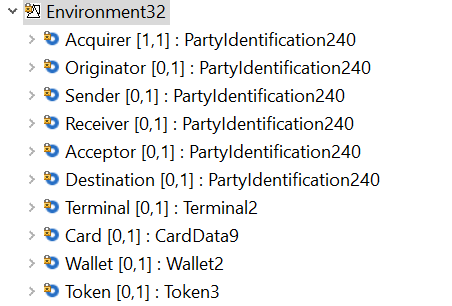
|  |  |
| --- | --- |
| Component Trace Path | Messages |
| VerificationEntity1Code/VerificationResult1/Verification3/Context10/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| VerificationEntity1Code/VerificationResult1/Verification4/Context13/AuthorizationResponse2 | Authorization Response V03 (cain.002.001.03) |
| VerificationEntity1Code/VerificationResult1/Verification3/Context10/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| VerificationEntity1Code/VerificationResult1/Verification4/Context13/FinancialnResponse2 | Financial Response V03 (cain.004.001.03) |
| VerificationEntity1Code/VerificationResult1/Verification3/Context11/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification2/Context4/ InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification3/Context11/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification4/Context13/ CardManagementResponse2 | Card ManagementResponse V02 (cain.024.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification4/Context12/OrginalTransaction2/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification4/Context12/OrginalTransaction2/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification4/Context12/OrginalTransaction2/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification3/Context11/ VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| VerificationEntity1Code/VerificationResult1/Verification4/Context13/ VerificationResponse2 | Verification Response V02 (cain.019.001.02) |

## CR0979-15: Cardholder17

#### Description

This change request is to add the container (Cardholder15) to the Environment 24, 25, 26, 32 in applicable Response Message because the Issuer information is required to provide additional information about the cardholder.

Current Component

Component Modification

Add Cardholder (cardholder17) after Token (Token2) to Environment 24, 25, 26, 32

Environment ~~24~~

|  |  |  |
| --- | --- | --- |
| EnvironementXX | Occurs | Type |
| Acquirer | [1..1] | PartyIdentification240 |
| Originator | [0..1] | PartyIdentification240 |
| … |  |  |
| Token | [0..1] | Token2 |
| Cardholder | [0..1] | Cardholder17 |

Environment ~~25~~

|  |  |  |
| --- | --- | --- |
| EnvironementXX | Occurs | Type |
| Acquirer | [1..1] | PartyIdentification240 |
| Originator | [0..1] | PartyIdentification240 |
| … |  |  |
| Token | [0..1] | Token2 |
| Cardholder | [0..1] | Cardholder17 |

Environment ~~26~~

|  |  |  |
| --- | --- | --- |
| EnvironementXX | Occurs | Type |
| Acquirer | [1..1] | PartyIdentification240 |
| Originator | [0..1] | PartyIdentification240 |
| … |  |  |
| Token | [0..1] | Token2 |
| Cardholder | [0..1] | Cardholder17 |

Environment ~~32~~

|  |  |  |
| --- | --- | --- |
| EnvironementXX | Occurs | Type |
| Acquirer | [1..1] | PartyIdentification240 |
| Originator | [0..1] | PartyIdentification240 |
| … |  |  |
| Token | [0..1] | Token2 |
| Cardholder | [0..1] | Cardholder17 |

#### Impact

Environment 24, 25, 26, 32 used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| Environment26/AuthorizationResponse2 | Authorization Response V03 (cain.002.001.03) |
| Environment26/FinancialnResponse2 | Financial Response V03 (cain.004.001.03) |
| Environment24/ InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |
| Environment25/ CardManagementResponse2 | Card ManagementResponse V02 (cain.024.001.02) |
| Environment32/ VerificationResponse2 | Verification Response V02 (cain.019.001.02) |

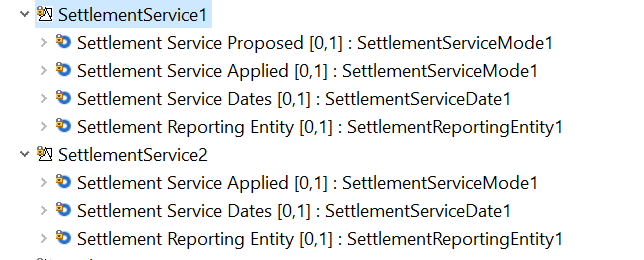
## CR0979-16: Settlement Service Enhancement

#### Description

Add AdditionalSettlementInformation (Datatype, AdditionalData1) to the SettlementService1&2 to capture information not defined in structure

SettlementService1   
*Definition:* Attributes of a settlement service.

Current Component



Component Modification

Settlement Service1

|  |  |  |
| --- | --- | --- |
| Settlement ServiceXX | Occurs | Type |
| Settlement Service Proposed | [0..1] | Settlement ServiceMode1 |
| Settlement Service Applied | [0..1] | Settlement ServiceMode1 |
| Settlement Service Dates | [0..1] | SettlementServiceDate1 |
| Settlement Reporting Entity | [0..1] | SettlementReportingEntity |
| AdditionalSettlementInformation | [0..\*] | AdditionalData1 |

Settlement Service2

|  |  |  |
| --- | --- | --- |
| Settlement ServiceXX | Occurs | Type |
| Settlement Service Applied | [0..1] | Settlement ServiceMode1 |
| Settlement Service Dates | [0..1] | SettlementServiceDate1 |
| Settlement Reporting Entity | [0..1] | SettlementReportingEntity |
| AdditionalSettlementInformation | [0..\*] | AdditionalData1 |

#### Impact

SettlementService1 and SettlementService2 used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| SettlementService2/TransactionContext8/Context13/AddendumInitiation2 | Addendum Initiation V02 (cain.025.001.02) |
| SettlementService2/TransactionContext10/Context17/AddendumResponse2 | Addendum Response V02 (cain.026.001.02) |
| SettlementService2/TransactionContext6/Context6/Amendment10 | Amendment V01 (cain.020.001.01) |
| SettlementService1/TransactionContext7/Context10/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| SettlementService2/TransactionContext8/Context13/AuthorizationResponse2 | Authorization Response V03 (cain.002.001.03) |
| SettlementService1/TransactionContext7/Context10/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| SettlementService2/TransactionContext8/Context13/FinancialnResponse2 | Financial Response V03 (cain.004.001.03) |
| SettlementService1/TransactionContext7/Context11/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| SettlementService2/TransactionContext8/Context13/ InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |
| SettlementService1/TransactionContext7/Context11/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| SettlementService2/TransactionContext8/Context13/ CardManagementResponse2 | Card ManagementResponse V02 (cain.024.001.02) |
| SettlementService1/TransactionContext9/Context14/ReversalInitiation2 | Reversal Initiation V03 (cain.005.001.03) |
| SettlementService2/TransactionContext3/ReversalResponse4 | Reversal Response V03 (cain.006.001.03) |
| SettlementService1/TransactionContext7/Context12/OriginalTransaction2/ChargebackInitiation2  SettlementService1/TransactionContext4/Context7/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| SettlementService1/TransactionContext7/Context12/OriginalTransaction2/RetrievalFulfilmentInitiation2  SettlementService2/TransactionContext8/Context15/ RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| SettlementService1/TransactionContext7/Context12/OriginalTransaction2/RetrievalInitiation2  SettlementService2/TransactionContext8/Context15/ RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| SettlementService2/TransactionContext8/Context16/ ChargebackResponse2 | Chargeback Response V02 (cain.028.001.02) |
| Environment21/ RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| SettlementService2/TransactionContext8/Context15/ RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| SettlementService2/TransactionContext8/Context15/RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |
| SettlementService2/TransactionContext10/Context17/ FileActionInitiation2 | File Action Initiation V02 (cafm.001.001.02) |
| SettlementService2/TransactionContext10/Context17/ FileActionResponse2 | Retrieval Response V02 (cafm.002.001.02) |
| SettlementService2/TransactionContext8/Context16/ FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02) |
| SettlementService2/TransactionContext8/Context16/FeeCollectionResponse2 | Fee Collection Response V02 (cafc.002.001.02) |
| SettlementService2/TransactionContext10/Context17/ SettlementReportingInitiation2 | Settlement Reporting Initiation V02 (carp.006.001.01) |
| SettlementService2/TransactionContext10/Context17/ SettlementReportingResponse2 | Settlement Reporting Response V02 (carp.007.001.01) |
| SettlementService2/TransactionContext10/Context17/ FraudReportingInitiation2 | Fraud Reporting Initiation V02 (carp.002.001.01) |
| SettlementService2/TransactionContext10/Context17/ FraudReportingResponse2 | Fraud Reporting Response V02 (carp.003.001.01) |
| SettlementService2/TransactionContext10/Context17/ FraudDispositionInitiation2 | Fraud Disposition Initiation V02 (carp.004.001.01) |
| SettlementService2/TransactionContext10/Context17/ FraudDispositionResponse2 | Fraud Disposition Response V02 (carp.005.001.01) |
| SettlementService2/TransactionContext7/Context11/ VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| SettlementService2/TransactionContext8/Context13/ VerificationResponse2 | Verification Response V02 (cain.019.001.02) |
| SettlementService2/TransactionContext10/Context17 BatchManagementInitiation2 | Batch Management Initiation V02 (caad.001.001.02) |
| SettlementService2/TransactionContext10/Context17/ BatchManagementResponse2 | Batch Management Response V02 (caad.002.001.02) |
| SettlementService2/TransactionContext10/Context17 BatchTransferInitiation2 | Batch Transfer Initiation V02 (caad.003.001.02) |
| SettlementService2/TransactionContext10/Context17/ BatchTransferResponse2 | Batch Transfer Response V02 (caad.004.001.02) |
| SettlementService2/TransactionContext10/Context17/ Error2 | Error V03 (caad.007.001.03) |
| SettlementService2/TransactionContext10/Context17/ ReconciliationInitiation2 | Reconciliation Initiation V02 (caad.005.001.02) |
| SettlementService2/TransactionContext10/Context17/ ReconciliationResponse2 | Reconciliation Response V02 (caad.006.001.02) |
| SettlementService2/TransactionContext10/Context17/ CustomReport1 | Custom Resport V01 (carp.001.001.01) |

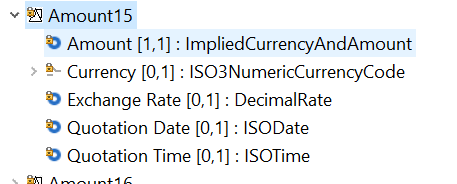
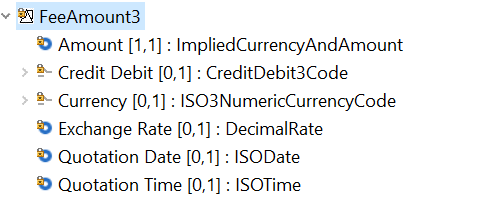
Note: Key Exchange and Network Management message also have settlement service, which need to be removed.

## CR0979-17: Amount15 and FeeAmount3

#### Description

Modify names of Exchange Rate and Quotation Date of Amount15 and FeeAmount3 to clarify the usage of the component.

Current Component

Component Modification

|  |  |  |
| --- | --- | --- |
| AmountXX | Occurs | Type |
| Amount | [0..1] | ImpliedCurrencyAndAmount |
| Currency | [0..1] | ISO3NumericCurrencyCode |
| ~~Exchange Rate ->~~Effective Exchange Rate | [0..1] | DecimalRate |
| ~~Quotation Date ->~~ Conversion Date  Definition: Date and time at which the exchange rate effective. | [0..1] | ISODate |
| Quotation Time | [0..1] | ISOTime |

|  |  |  |
| --- | --- | --- |
| FeeAmountXX | Occurs | Type |
| Amount | [0..1] | ImpliedCurrencyAndAmount |
| Credit Debit | [0..1] | CreditDebit3Code |
| Currency | [0..1] | ISO3NumericCurrencyCode |
| ~~Exchange Rate ->~~Effective Exchange Rate | [0..1] | DecimalRate |
| ~~Quotation Date ->~~ Conversion Date  Definition: Date and time at which the exchange rate effective. | [0..1] | ISODate |
| Quotation Time | [0..1] | ISOTime |

#### Impact

Amount15 and FeeAmount3 are used in:

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| FeeAmount3/AdditionalFee2/Transaction117/AddendumInitiation2 | Addendum Initiation V02 (cain.025.001.02) |
| FeeAmount3/AdditionalFee2/Transaction117/AddendumResponse2 | Addendum Response V02 (cain.026.001.02) |
| FeeAmount3/AdditionalFee2/Transaction142/AuthorizationInitiation2  Amount15/TransactionAmounts2/Transaction142/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| FeeAmount3/AdditionalFee2/Transaction119//AuthorizationResponse2  Amount15/TransactionAmounts2/Transaction119/AuthorizationResponse2 | Authorization Response V03 (cain.002.001.03) |
| FeeAmount3/AdditionalFee2/Transaction114/FinancialnInitiation2  Amount15/TransactionAmounts2/Transaction114/FinancialInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| FeeAmount3/AdditionalFee2/Transaction119/FinancialnResponse2  Amount15/TransactionAmounts2/Transaction119/FinancialResponse2 | Financial Response V03 (cain.004.001.03) |
| Amount15/Transaction131/ InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| Amount15/Transaction131/ InquiryResponse2 | Inquiry Response V02 (cain.017.001.02) |
| FeeAmount3/AdditionalFee2/Transaction121/CardManagementInitiation2  Amount15/Transaction121/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| FeeAmount3/AdditionalFee2/Transaction122/ CardManagementResponse2  Amount15/Transaction121/CardManagementResponse2 | Card ManagementResponse V02 (cain.024.001.02) |
| FeeAmount3/AdditionalFee2/Transaction142/ReversalInitiation2  Amount15/TransactionAmounts2/Transaction142/AuthorizationResponse2 | Reversal Initiation V03 (cain.005.001.03) |
| FeeAmount3/AdditionalFee2/Transaction137//ReversalResponse4  Amount15/TransactionAmounts2/Transaction137/ReversalResponse2 | Reversal Response V03 (cain.006.001.03) |
| FeeAmount3/AdditionalFee2/Transaction116//OriginalTransaction2/ChargebackInitiation2  FeeAmount3/AdditionalFee2/Transaction123/ChargebackInitiation2  Amount15/TransactionAmounts2/Transaction123/ChargebackInitiation2  Amount15/OriginalTransactionAmounts2/Transaction123/ChargebackInitiation2  Amount15/TransactionAmounts2/Transaction116/OriginalTransaction2/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| FeeAmount3/AdditionalFee2/Transaction116/OriginalTransaction2/RetrievalFulfilmentInitiation2  FeeAmount3/AdditionalFee2/Transaction136/RetrievalFulfilmentInitiation2  Amount15/TransactionAmounts2/Transaction116/OriginalTransaction2/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| FeeAmount3/AdditionalFee2/Transaction116/OriginalTransaction2/RetrievalInitiation2  FeeAmount3/AdditionalFee2/Transaction136/RetrievalInitiation2 RetrievalInitiation2  Amount15/TransactionAmounts2/Transaction116/OriginalTransaction2/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| FeeAmount3/AdditionalFee2/Transaction123/ChargebackResponse2  Amount15/TransactionAmounts2/Transaction123/ChargebackResponse2  Amount15/OriginalTransactionAmounts2/Transaction123/ChargebackResponse2 | Chargeback Response V02 (cain.028.001.02) |
| FeeAmount3/AdditionalFee2/Transaction136/OriginalTransaction2/RetrievalInitiation2RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| FeeAmount3/AdditionalFee2/Transaction136/ RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |
| FeeAmount3/AdditionalFee2/Transaction126/ FileActionInitiation2 | File Action Initiation V02 (cafm.001.001.02) |
| FeeAmount3/AdditionalFee2/Transaction127/ FileActionResponse2 | Retrieval Response V02 (cafm.002.001.02) |
| FeeAmount3/AdditionalFee2/Transaction125/FeeCollectionInitiation2  Amount15/TransactionAmounts2/Transaction125/FeeCollectionInitiation2  Amount15/OriginalTransactionAmounts2/Transaction125/FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02) |
| FeeAmount3/AdditionalFee2/Transaction125/FeeCollectionResponse2  Amount15/TransactionAmounts2/ FeeCollectionResponse2 | Fee Collection Response V02 (cafc.002.001.02) |
| FeeAmount3/AdditionalFee2/Transaction138/SettlementReportingInitiation2 | Settlement Reporting Initiation V02 (carp.006.001.01) |
| FeeAmount3/AdditionalFee2/Transaction139/SettlementReportingResponse2 | Settlement Reporting Response V02 (carp.007.001.01) |
| FeeAmount3/AdditionalFee2/Transaction130/ FraudReportingInitiation2 | Fraud Reporting Initiation V02 (carp.002.001.01) |
| FeeAmount3/AdditionalFee2/Transaction129/FraudReportingResponse2 | Fraud Reporting Response V02 (carp.003.001.01) |
| FeeAmount3/AdditionalFee2/Transaction128/FraudDispositionInitiation2 | Fraud Disposition Initiation V02 (carp.004.001.01) |
| FeeAmount3/AdditionalFee2/Transaction129/ FraudDispositionResponse2 | Fraud Disposition Response V02 (carp.005.001.01) |
| FeeAmount3/AdditionalFee2/Transaction115/VerificationInitiation2  Amount15/Transaction115/VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| FeeAmount3/AdditionalFee2/Transaction140/VerificationResponse2  Amount15/Transaction140/VerificationInitiation2 | Verification Response V02 (cain.019.001.02) |
| FeeAmount3/AdditionalFee2/Transaction120/BatchManagementInitiation2 | Batch Management Initiation V02 (caad.001.001.02) |
| FeeAmount3/AdditionalFee2/Transaction120/Context17/ BatchManagementResponse2 | Batch Management Response V02 (caad.002.001.02) |
| FeeAmount3/AdditionalFee2/Transaction124/Error2 | Error V03 (caad.007.001.03) |
| FeeAmount3/AdditionalFee2/Transaction135/ReconciliationInitiation2 | Reconciliation Initiation V02 (caad.005.001.02) |
| FeeAmount3/AdditionalFee2/Transaction135/ReconciliationResponse2 | Reconciliation Response V02 (caad.006.001.02) |
| SettlementService2/TransactionContext10/Context17/ CustomReport1 | Custom Resport V01 (carp.001.001.01) |

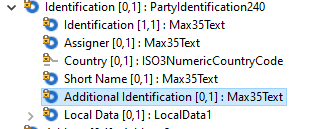
## CR0979-18: AdditionalIdentification

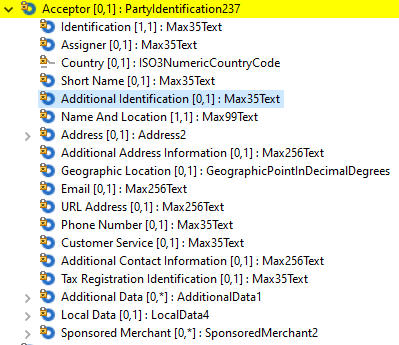
#### Description

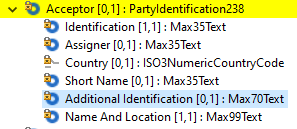
This change request is to make AdditionalIdentification a repeatable structure

**Existing:**

* Partyidentification240:



* Partyidentification237:  
  
* Partyidentification238:



**Change:**

AdditionalIdentification

|  |  |  |  |
| --- | --- | --- | --- |
| **Or** | **MessageElement,<XML Tag>** | **Mult** | **Type** |
|  | … |  |  |
|  | AdditionalIdentification<AddtlId> | [0..\*] | AdditionalData1 |
|  | … |  |  |

**Impact:**

* Partyidentification240:

|  |  |
| --- | --- |
| Message Components | Message Definition |
| Environment17.PartyIdentification237 | Authorisation Initiation V03 |
| Environment18. .PartyIdentification237 | Card Management Initiation V02 |
| Environment21.PartyIdentification237 | Charge Back Initiation V02 |
| Environment23.PartyIdentification237 | Fee Collection Initiation V02 |
| Environment23.PartyIdentification237 | Fee Collection Response V02 |
| Environment17.PartyIdentification237 | Financial Initiation V03 |
| Environment18.PartyIdentification240  Environment18.Wallet2.PartyIdentification240 | Inquiry Initiation V02 |
| Environment24.PartyIdentification237 | Inquiry Response V02 |
| Environment21.PartyIdentification237 | Retrieval Fulfilment Initiation V02 |
| Environment21.PartyIdentification237 | Retrieval Fulfilment Response V02 |
| Environment21.PartyIdentification237 | Retrieval Initiation V02 |
| Environment21.PartyIdentification237 | Retrieval Response V02 |
| Environment31.PartyIdentification237 | Verification Initiation V02 |

* Partyidentification237:

|  |  |
| --- | --- |
| Message Components | Message Definition |
| Environment30.PartyIdentification240  AddendumData3.Invoice2.InvoiceSummary2.PartyIdentification241.PartyIdentification240  AddendumData3.PassengerTransport2.TripLeg2.Ticket2.PartyIdentification240  AddendumData3.VehicleRentalService2.VehicleRentalCompany2.PartyIdentification240  AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2.PartyIdentification240  AddendumData3.ShippingData2.ShippingPackage2.PartyIdentification242.PartyIdentification240  AddendumData3.TemporaryServices2.TemporaryServicesCompany2.PartyIdentification240 | Addendum Initiation V02 |
| Environment30.PartyIdentification240 | Addendum Response V02 |
| Environment17.PartyIdentification240  Environment17.Wallet2.PartyIdentification240  AddendumData3.Invoice2.InvoiceSummary2.PartyIdentification241.PartyIdentification240  AddendumData3.PassengerTransport2.TripLeg2.Ticket2.PartyIdentification240  AddendumData3.VehicleRentalService2.VehicleRentalCompany2.PartyIdentification240  AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2.PartyIdentification240  AddendumData3.ShippingData2.ShippingPackage2.PartyIdentification242.PartyIdentification240  AddendumData3.TemporaryServices2.TemporaryServicesCompany2.PartyIdentification240 | Authorisation Initiation V03 |
| Environment26.PartyIdentification240  Environment26.Wallet2.PartyIdentification240 | Authorisation Response V03 |
| Environment33.PartyIdentification240 | Batch Management Initiation V02 |
| Environment33.PartyIdentification240 | Batch Management Response V02 |
| Environment18.PartyIdentification240  Environment18.Wallet2.PartyIdentification240 | Card Management Initiation V02 |
| Environment25.PartyIdentification240  Environment25.Wallet2.PartyIdentification240 | Card Management Response V02 |
| Environment21.PartyIdentification240 | Charge Back Initiation V02 |
| Environment29.PartyIdentification240 | Charge Back Response V02 |
| Environment33.PartyIdentification240 | Custom Report V01 |
| Environment23.PartyIdentification240 | Fee Collection Initiation V02 |
| Environment23.PartyIdentification240 | Fee Collection Response V02 |
| Environment22.PartyIdentification240  Environment22.Wallet2.PartyIdentification240 | File Action Initiation V02 |
| Environment22.PartyIdentification240  Environment22.Wallet2.PartyIdentification240 | File Action Response V02 |
| Environment17.PartyIdentification240  Environment17.Wallet2.PartyIdentification240  AddendumData3.Invoice2.InvoiceSummary2.PartyIdentification241.PartyIdentification240  AddendumData3.PassengerTransport2.TripLeg2.Ticket2.PartyIdentification240  AddendumData3.VehicleRentalService2.VehicleRentalCompany2.PartyIdentification240  AddendumData3.Lodging3.LodgingSummary2.LodgingProperty2.PartyIdentification240  AddendumData3.ShippingData2.ShippingPackage2.PartyIdentification242.PartyIdentification240  AddendumData3.TemporaryServices2.TemporaryServicesCompany2.PartyIdentification240 | Financial Initiation V03 |
| Environment26.PartyIdentification240  Environment26.Wallet2.PartyIdentification240 | Financial Response V03 |
| Environment28.PartyIdentification240 | Fraud Disposition Initiation V02 |
| Environment28.PartyIdentification240 | Fraud Disposition Response V02 |
| Environment28.PartyIdentification240 | Fraud Reporting Initiation V02 |
| Environment28.PartyIdentification240 | Fraud Reporting Response V02 |
| Environment18.PartyIdentification240  Environment18.Wallet2.PartyIdentification240 | Inquiry Initiation V02 |
| Environment24.PartyIdentification240  Environment24.Wallet2.PartyIdentification240 | Inquiry Response V02 |
| Environment33.PartyIdentification240 | Reconciliation Initiation V03 |
| Environment33.PartyIdentification240 | Reconciliation Response V03 |
| Environment21.PartyIdentification240  Environment21.Wallet2.PartyIdentification240 | Retrieval Fulfilment Initiation V02 |
| Environment21.PartyIdentification240  Environment21.Wallet2.PartyIdentification240 | Retrieval Fulfilment Response V02 |
| Environment21.PartyIdentification240  Environment21.Wallet2.PartyIdentification240 | Retrieval Initiation V02 |
| Environment21.PartyIdentification240  Environment21.Wallet2.PartyIdentification240 | Retrieval Response V02 |
| Environment27.PartyIdentification240  Environment27.Wallet2.PartyIdentification240 | Settlement Reporting Initiation V02 |
| Environment27.PartyIdentification240  Environment27.Wallet2.PartyIdentification240 | Settlement Reporting Response V02 |
| Environment31.PartyIdentification240  Environment31.Wallet2.PartyIdentification240 | Verification Initiation V02 |
| Environment32.PartyIdentification240  Environment32.Wallet2.PartyIdentification240 | Verification Response V02 |

* Partyidentification238:

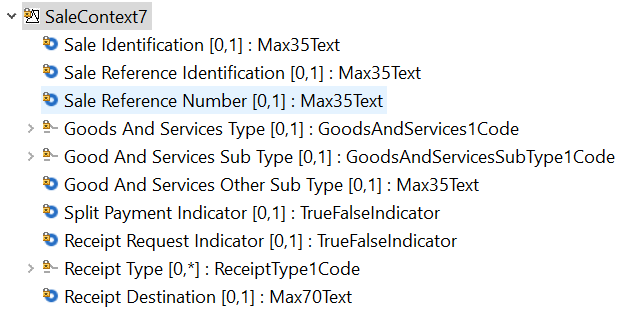
|  |  |
| --- | --- |
| Message Components | Message Definition |
| Environment25.PartyIdentification238 | Card Management Response V02 |

## CR0979-19: Sales Context Enhancement

#### Description

This change is to add the "AdditionalData" container to SalesContext7 structures to allow a user of ISO 20022 to capture additional data.

Current Component



Component Modification

|  |  |  |
| --- | --- | --- |
| SaleContextXX | Occurs | Type |
| Sale Identification | [0..1] | Max35Text |
| …. |  |  |
| Receipt Destination | [0..1] | Max70text |
| Additional Data | [0..\*] | AdditionalData1 |

#### Impacts

SaleContext7 is used

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| SaleContext7/Context10/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| SaleContext7/Context10/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| SaleContext7//Context12/OrginalTransaction2/RetrievalFulfilmentInitiation2  SaleContext7//Context15/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| SaleContext7//Context15/RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| SaleContext7/Context12/OrginalTransaction2/RetrievalInitiation2  SaleContext7//Context15/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| SaleContext7//Context15/RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |
| SaleContext7/Context12/OrginalTransaction2/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |

## CR0979-20: Alternate Message Reason Structure

#### Description

Add the description field to Alternate Message Reason which used in transaction component of message body

Current component (only use Transaction142 as example)



Component Modification

|  |  |  |
| --- | --- | --- |
| Alternate Message Reason | [0..\*] | AlternateMessonReason1 |
| Code | [0..1] | Max35Text |
| Description | [0..1] | Max256text |

#### Impact

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| AlternateMessageReason/Transaction142/AuthorizationInitiation2 | Authorization Initiation V03 (cain.001.001.03) |
| AlternateMessageReason/Transaction114/FinancialnInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| AlternateMessageReason/Transaction119/FinancialnResponse2 | Financial Response V03 (cain.004.001.03) |
| AlternateMessageReason/Transaction131/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| AlternateMessageReason/Transaction121/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| AlternateMessageReason/Transaction133/KeyExchangeInitiation2 | Key Exchange Initiation V03 (cain.003.001.03) |
| AlternateMessageReason/Transaction133/KeyExchangeResponse2 | Key Exchange Response V03 (cain.004.001.03) |
| AlternateMessageReason/Transaction134/NetworkManagementInitiation2 | Network Management Initiation V03 (cain.001.001.03) |
| AlternateMessageReason/Transaction133/KeyExchangeResponse2 | Key Exchange Response V03 (canm.002.001.03) |
| AlternateMessageReason/Transaction142/ReversalInitiation2 | Reversal Initiation V03 (cain.005.001.03) |
| AlternateMessageReason/Transaction137/ReversalResponse4 | Reversal Response V03 (cain.006.001.03) |
| AlternateMessageReason/Transaction123/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| AlternateMessageReason/Transaction136/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| AlternateMessageReason/Transaction136/ RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| AlternateMessageReason/Transaction123/ ChargebackResponse2 | Chargeback Response V02 (cain.028.001.02) |
| AlternateMessageReason/Transaction136/RetrievalFulfilmentResponse2 | Retrieval Fulfilment Response V02 (cain.015.001.02) |
| AlternateMessageReason/Transaction136/RetrievalResponse2 | Retrieval Response V02 (cain.022.001.02) |
| AlternateMessageReason/Transaction126/ FileActionInitiation2 | File Action Initiation V02 (cafm.001.001.02) |
| AlternateMessageReason/Transaction125/ FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02) |
| AlternateMessageReason/Transaction125/FeeCollectionResponse2 | Fee Collection Response V02 (cafc.002.001.02) |
| AlternateMessageReason/Transaction138/SettlementReportingInitiation2 | Settlement Reporting Initiation V02 (carp.006.001.01) |
| AlternateMessageReason/Transaction115/ VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| AlternateMessageReason/Transaction140/ VerificationResponse2 | Verification Response V02 (cain.019.001.02) |

## CR0979-21: ISOResponseCode

### Description

ISOResponseCode is replaced in ResultData1 component, the actual incorrect format is Exact2AplhaNumericText.

### Component modification

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **AddendumResponse~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **AddendumResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **AuthorisationInitiation ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **AuthorisationInitiation~~4~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **AuthorisationResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **AuthorisationResponse4** |
| ProcessingResult | [1..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **BatchManagementResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **BatchManagementResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult13~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData8 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **BatchTransferInitiationV03** | [1..1] |  |
| Body | [1..1] | **BatchTransferInitiation~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult13~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData8 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **BatchTransferResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **BatchTransferResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult13~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData8 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **CardManagementInitiation ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **CardManagementInitiation~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **CardManagementResponse~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **CardManagementResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **ChargeBackInitiation ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **ChargeBackInitiation~~2~~3** |
| OriginalTransaction | [1..1] | **~~OriginalTransaction2~~**  **OriginalTransactionX** |
| Environment | [0..1] | Environment20 |
| Context | [0..1] | Context12 |
| Transaction | [0..1] | Transaction116 |
| ProcessingResult | [0..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction 1 |
| AdditionalResultInformation | [0..\*] | AdditionalInformation20 |
| ProcessingResult | [0..1] | **~~ProcessingResult8~~**  **ProcessingResultXX** |
| Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **ChargeBackResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **ChargeBackResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult7~~**  **ProcessingResultXX** |
| Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FeeCollectionInitiation ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **FeeCollectionInitiation~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FeeCollectionResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **FeeCollectionResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FinancialInitiation ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **FinancialInitiation~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FinancialResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **FinancialResponse~~3~~4** |
| ProcessingResult | [1..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FraudDispositionResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **FraudDispositionResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FraudReportingResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **FraudReportingResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **InquiryInitiation~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **InquiryInitiation~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult11~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **InquiryResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **InquiryResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult11~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **KeyExchangeResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **KeyExchangeResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **NetworkManagementInitiation ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **NetworkManagementInitiation~~4~~4** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **NetworkManagementResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **NetworkManagementResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **ReconciliationResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **ReconciliationResponse~~3~~4** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **RetrievalFulfilmentInitiation ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **RetrievalFulfilmentInitiation~~2~~3** |
| OriginalTransaction | [0..1] | **~~OriginalTransaction2~~**  **OriginalTransactionX** |
| … | … | … |
| ProcessingResult | [0..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **RetrievalFulfilmentResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **RetrievalFulfilmentResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | Exact2AlphaNumericText  ISOResponseCode |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **RetrievalInitiation ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **RetrievalInitiation~~2~~3** |
| OriginalTransaction | [0..1] | **~~OriginalTransaction2~~**  **OriginalTransactionX** |
| … | … | … |
| ProcessingResult | [0..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| Original Result Data | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| **RetrievalResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **RetrievalResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult14~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData10 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..1] | AdditionalData1 |
| AdditionalInformation | [0..\*] | AdditionalInformation22 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **ReversalInitiation ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **ReversalInitiation~~3~~4** |
| ProcessingResult | [0..1] | **~~ProcessingResult9~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **ReversalResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **ReversalResponse~~3~~4** |
| ProcessingResult | [1..1] | **~~ProcessingResult10~~**  **ProcessingResultXX** |
| ApprovalData | [0..1] | ApprovalData1 |
| ResultData | [0..1] | ResultData7 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |
| ActionRequired | [0..1] | YesNoIndicator |
| Action | [0..\*] | Action11 |
| AdditionalAction | [0..\*] | AdditionalAction1 |
| AdditionalInformation | [0..\*] | AdditionalInformation20 |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **SettlementReportingResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **SettlementReportingResponse~~2~~3** |
| ProcessingResult | [0..1] | **~~ProcessingResult13~~**  **ProcessingResultXX** |
| ResultData | [0..1] | ResultData8 |
| OriginalResultData | [0..1] | **~~ResultData1~~**  **ResultDataX** |
| Result | [0..1] | Response8Code |
| Other Result | [0..1] | Max35Text |
| Result Details | [1..1] | **~~Exact2AlphaNumericText~~**  **ISOResponseCode** |
| Other Result Details | [0..1] | Max35Text |
| Additional Result Information | [0..\*] | AdditionalData1 |

### Impacts

* + AddendumResponseV02 (cain.026.001.02)
  + AuthorisationInitiationV03 (cain.001.001.03)
  + AuthorisationResponseV03 (cain.002.001.03)
  + BatchManagementResponseV02 (caad.002.001.02)
  + BatchTransferInitiationV02 (caad.003.001.02)
  + BatchTransferResponseV02 (caad.004.001.02)
  + CardManagementInitiationV02 (cain.023.001.02)
  + CardManagementResponseV02 (cain.024.001.02)
  + ChargeBackInitiationV02 (cain.027.001.02)
  + ChargeBackResponseV02 (cain.028.001.02)
  + FeeCollectionInitiationV02 (cafc.001.001.02)
  + FeeCollectionResponseV02 (cafc.002.001.02)
  + FinancialInitiationV03 (cain.003.001.03)
  + FinancialResponseV03 (cain.004.001.03)
  + FraudDispositionResponseV02 (carp.005.001.01)
  + FraudReportingResponseV02 (carp.003.001.01)
  + InquiryInitiationV02 (cain.016.001.02)
  + InquiryResponseV02 (cain.017.001.02)
  + KeyExchangeResponseV03 (canm.004.001.03)
  + NetworkManagementInitiationV03 (canm.001.001.03)
  + NetworkManagementResponseV03 (canm.002.001.03)
  + ReconciliationResponseV03 (caad.006.001.03)
  + RetrievalFulfilmentInitiationV02 (cain.014.001.02)
  + RetrievalFulfilmentResponseV02 (cain.015.001.02)
  + RetrievalInitiationV02 (cain.021.001.02)
  + RetrievalResponseV02 (cain.022.001.02)
  + ReversalInitiationV03 (cain.005.001.03)
  + ReversalResponseV03 (cain.006.001.03)
  + SettlementReportingResponseV02 (carp.007.001.01)

|  |  |
| --- | --- |
| Message Definition | Message Components |
| AddendumResponseV02 | AddendumResponse2.ProcessingResult14.ResultData1 |
| AuthorisationInitiationV03 | AuthorisationInitiation2.ProcessingResult9.ResultData1 |
| AuthorisationResponseV03 | AuthorisationResponse2.ProcessingResult10.ResultData1 |
| BatchManagementResponseV02 | ProcessingResult13.ResultData1 |
| BatchTransferInitiationV02 | ProcessingResult13.ResultData1 |
| BatchTransferResponseV02 | ProcessingResult13.ResultData1 |
| CardManagementInitiationV02 | ProcessingResult9.ResultData1 |
| CardManagementResponseV02 | ProcessingResult9.ResultData1 |
| ChargeBackInitiationV02 | ProcessingResult7.ResultData1  ResultData1 |
| ChargeBackResponseV02 |  |
| FeeCollectionInitiationV02 |  |
| FeeCollectionResponseV02 |  |
| FinancialInitiationV03 |  |
| FinancialResponseV03 |  |
| FraudDispositionResponseV02 |  |
| FraudReportingResponseV02 |  |
| InquiryInitiationV02 |  |
| InquiryResponseV02 |  |
| KeyExchangeResponseV03 |  |
| NetworkManagementInitiationV03 |  |
| NetworkManagementResponseV03 |  |
| ReconciliationResponseV03 |  |
| RetrievalFulfilmentInitiationV02 |  |
| RetrievalFulfilmentResponseV02 |  |
| RetrievalInitiationV02 |  |
| RetrievalResponseV02 |  |
| ReversalInitiationV03 |  |
| ReversalResponseV03 |  |
| SettlementReportingResponseV02 |  |

ATICA MCR-V4 CR0981 – Enhancement-Fields

**for the update of ISO 20022 financial repository items**

*Note: the purpose of this document is to give guidelines to parties who want to introduce a request to change an existing ISO 20022 message(s), or update other items of the ISO 20022 financial repository. Such change requests are subject to the approval of the ISO 20022 Standards Evaluation Group(s) in charge of the related message/item or to the approval of the Technical Support Group (TSG), if the requested change relates to the Business Application Header (BAH). Please consult the iso20022.org website for additional details on the* [*maintenance process*](http://www.iso20022.org/maintenance.page)*. Change requests are to be sent to* [*iso20022ra@iso20022.org*](mailto:iso20022ra@iso20022.org)*. All change requests conforming to this template received by June 1st will be considered for development in the following yearly ISO 20022 maintenance cycle which completes with publication of new message versions in April/May of the following year.*

1. **Origin of the request:**

*A.1 Submitter*: ISO TC68/SC9/TG1

*A.2 Contact person:*

Douglas FrantzDFrantz@visa.com+1 (650) 432-4591

*A.3 Sponsors:* ISO TC68/SC9/TG1

1. **Related messages:**

caad.001.001.02          BatchManagementInitiationV02

caad.002.001.02          BatchManagementResponseV02

caad.003.001.01          BatchTransferInitiationV01

caad.004.001.01          BatchTransferResponseV01

caad.005.001.03          ReconciliationInitiationV03

caad.006.001.03          ReconciliationResponseV03

caad.007.001.03          ErrorV03

cafc.001.001.02          FeeCollectionInitiationV02

cafc.002.001.02          FeeCollectionResponseV02

cafm.001.001.02         FileActionInitiationV02

cafm.002.001.02         FileActionResponseV02

cafr.001.001.02           FraudReportingInitiationV02

cafr.002.001.02           FraudReportingResponseV02

cafr.003.001.02           FraudDispositionInitiationV02

cafr.004.001.02           FraudDispositionResponseV02

cain.001.001.03          AuthorisationInitiationV03

cain.002.001.03          AuthorisationResponseV03

cain.003.001.03          FinancialInitiationV03

cain.004.001.03          FinancialResponseV03

cain.005.001.03          ReversalInitiationV03

cain.006.001.03          ReversalResponseV03

cain.014.001.02          RetrievalFulfilmentInitiationV02

cain.015.001.02          RetrievalFulfilmentResponseV02

cain.016.001.02          InquiryInitiationV02

cain.017.001.02          InquiryResponseV02

cain.018.001.02          VerificationInitiationV02

cain.019.001.02          VerificationResponseV02

cain.020.001.01          AmendmentV01

cain.021.001.02          RetrievalInitiationV02

cain.022.001.02          RetrievalResponseV02

cain.023.001.02          CardManagementInitiationV02

cain.024.001.02          CardManagementResponseV02

cain.025.001.02          AddendumInitiationV02

cain.026.001.02          AddendumResponseV02

cain.027.001.02          ChargeBackInitiationV02

cain.028.001.02          ChargeBackResponseV02

canm.001.001.03        NetworkManagementInitiationV03

canm.002.001.03        NetworkManagementResponseV03

canm.003.001.03        KeyExchangeInitiationV03

canm.004.001.03        KeyExchangeResponseV03

casr.001.001.02           SettlementReportingInitiationV02

casr.002.001.02           SettlementReportingResponseV02

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1. **Description of the change request:**

The following changes provide additional functionality to the ISO 20022 ATICA standard by introducing new codes, updating existing message structures, and existing data elements.

This change request provides message level support which is currently in use in the market as the current ATICA standard only provides batch or file support.

1). Create amount structure to capture healthcare specific details such as healthcare amount, prescription amount, etc.). Healthcare details are used in the market today and have regulatory implications that require more descriptive information.

**Example**: Additional codes are necessary for different types of healthcare specific amounts such as:

1. Healthcare Amount

2. Prescription Amount

3. Vision Rx Amount

4. Clinic/Other Medical Amount

5. Dental Amount

6. Co-payment Amount

2). Enhance existing message structure to provide additional details in the response for error messaging and processing entity. This enhancement will provide an implementor to send error details in a consistent manner as used in the market today. This provides flexibility for an implementor.

**Example**: Inclusion of additional data elements within existing response messages.

3). Update the current country codes field to use ISO 3166 format for 2- or 3-character alpha code only. Change datatype to (Min2max3alphatext).

1. **Purpose of the change:**

These changes include corrections to support existing and evolving business practices, payment methods and services, inclusion of additional data to support these processes, regulatory requirements and compatibility with existing standards and implementations. The card industry is evolving rapidly. These changes will enhance the ATICA message set to better support use of ISO 20022 ATICA messages within the card industry.

1. **Urgency of the request:**

Normal Maintenance Cycle

1. **Business examples:**

* Field type change for an existing data element.
  + Change data type for ISO 3166 alpha country codes.
* Enhance existing message structures.
  + Add error and processor detail.
* Create amount codes for Healthcare specific amount types.

1. **SEG/TSG recommendation:**

*This section is not to be taken care of by the submitter of the change request. It will be completed in due time by the SEG(s) in charge of the related ISO 20022 messages or the TSG for changes related to the BAH.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Consider** | |  | **Timing** |
|  | | - **Next yearly cycle: 2021/2022**  (the change will be considered for implementation in the yearly maintenance cycle which starts in 2021 and completes with the publication of new message versions in the spring of 2022) | |  |
|  | | - **At the occasion of the next maintenance of the messages**  (the change will be considered for implementation, but does not justify maintenance of the messages in its own right – will be pending until more critical change requests are received for the messages) | |  |
|  | | - **Urgent unscheduled**  (the change justifies an urgent implementation outside of the normal yearly cycle) | |  |  |
|  | | - **Other timing:** | | |  |

Comments:

|  |  |
| --- | --- |
| **Reject** |  |

Reason for rejection:

## CR0981-1: CardProgrammeApplied add additional identification

Update CardProgrammeApplied to permit additional identification which has one or many elements

#### Existing component

Existing CardProgrammeMode1 component:

#### 

#### Component modification

Modified component of CardProgrammeMode1

|  |  |  |
| --- | --- | --- |
| Card Programme Applied | Occurs | Type |
| Type | [0..1] | Max35Text |
| Identification | [**0**..1] | Max35Text |
| *Additional Identification* | *[0..\*]* | *AdditionalData1* |

#### Impacts

* CardProgrammeMode1 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumInitaition2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Addendum Response V02 | AddendumResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Amendment V01 | Amendment1.Context6.  TransactionContext6.CardProgrammeMode1 |
| Authorisation Initiation V03 | AuthorisationInitiation2.Context10.  TransactionContext7.CardProgrammeMode1 |
| Authorisation Response V03 | AuthorisationResponse2.Context13.  TransactionContext8.CardProgrammeMode1 |
| Batch Management Initiation V02 | BatchManagementIntiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Batch Management Response V02 | BatchManagementResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Batch Transfer Initiation V02 | BatchTransferInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Batch Transfer Response V02 | BatchTransferResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Card Management Initiation V02 | CardManagementInitiation2.Context11.  TransactionContext7.CardProgrammeMode1 |
| Card Management Response V02 | CardManagementResponse2.Context13.  TransactionContext8.CardProgrammeMode1 |
| Charge Back Initiation V02 | ChargeBackInitiation2.Context14.  TransactionContext9.CardProgrammeMode1 |
| Charge Back Response V02 | ChargeBackResponse2.Context16.  TransactionContext8.CardProgrammeMode1 |
| Error V03 | Error3.Context17.  TransactionContext10.CardProgrammeMode1 |
| Fee Collection Initiation V02 | FeeCollectionInitiation2.Context16.  TransactionContext8.CardProgrammeMode1 |
| Fee Collection Response V02 | FeeCollectionResponse2.Context16.  TransactionContext8.CardProgrammeMode1 |
| File Action Initiation V02 | FileActionInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| File Action Response V02 | FileActionResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Financial Initiation V03 | FinancialInitiation2.Context10.  TransactionContext7.CardProgrammeMode1 |
| Financial Response V03 | FinancialResponse2.Context13.  TransactionContext8.CardProgrammeMode1 |
| Fraud Disposition Initiation V02 | FraudDispositionInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Fraud Disposition Response V02 | FraudDispositionResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Fraud Reporting Initiation V02 | FraudReportingInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Fraud Reporting Response V02 | FraudReportingResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Inquiry Initiation V02 | InquiryInitiation2.Context11.  TransactionContext7.CardProgrammeMode1 |
| Inquiry Response V02 | InquiryResponse2.Context13.  TransactionContext8.CardProgrammeMode1 |
| Key Exchange Initiation V03 | KeyExchangeInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Key Exchange Response V03 | KeyExchangeResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Network Management Initiation V03 | NetworkManagementInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Network Management Response V03 | NetworkManagementResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Reconciliation Initiation V03 | ReconciliationInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Reconciliation Response V03 | ReconciliationResponse5.Context17.  TransactionContext10.CardProgrammeMode1 |
| Retrieval Fulfilment Initiation V02 | RetrievalFulfilmentInitiation2.Context15.  TransactionContext8.CardProgrammeMode1 |
| Retrieval Fulfilment Response V02 | RetrievalFulfilmentResponse2.Context15.  TransactionContext8.CardProgrammeMode1 |
| Retrieval Initiation V02 | RetrievalInitiation2.Context15.  TransactionContext8.CardProgrammeMode1 |
| Retrieval Response V02 | RetrievalResponse4.Context15.  TransactionContext8.CardProgrammeMode1 |
| Reversal Initiation V03 | ReversalInitiation2.Context14.  TransactionContext9.CardProgrammeMode |
| Reversal Response V03 | ReversalResponse2.TransactionContext3.CardProgrammeMode1 |
| Settlement Reporting Initiation V02 | SettlementReportingInitiation2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Settlement Reporting Response V02 | SettlementReportingResponse2.Context17.  TransactionContext10.CardProgrammeMode1 |
| Verification Initiation V02 | VerificationInitiation2.Context11.  TransactionContext7.CardProgrammeMode1 |
| Verification Response V02 | VerificationResponse2.Context13.  TransactionContext8.CardProgrammeMode1 |

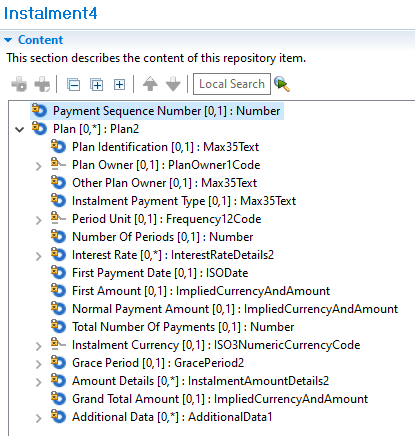
## CR0981-2: Add new Deferred Instalment and Deferred Settlement Indicators

#### Description

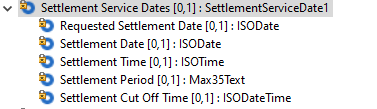
Update Plan2 and SettlementServiceDate1 components to add deferred indicators.

#### Existing component

Existing Plan2 component:



Existing SettlementServiceDate1 component:



#### Component modification

Modified component of Plan2

|  |  |  |
| --- | --- | --- |
| Plan | Occurs | Type |
| Plan Identification | [0..1] | Max35Text |
| … |  |  |
| *Deferred Installment Indicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |

Modified component of SettlementServiceDate1

|  |  |  |
| --- | --- | --- |
| SettlementServiceDate1 | Occurs | Type |
| Requested Settlement Date | [0..1] | ISODate |
| … |  |  |
| *Deferred Settlement Indicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |

#### Impacts

* Plan2 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumInitiation2.AddendumData3.Instalment4.Plan2 |
| Authorisation Initiation V03 | AuthorisationInitiation2.AddendumData3.Instalment4.Plan2 |
| Financial Initiation V03 | FinancialInitiation2.AddendumData3.Instalment4.Plan2 |

* SettlementServiceDate1 component used in

|  |  |
| --- | --- |
| Message Definition | Message Components |
| Addendum Initiation V02 | AddendumInitaition2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Addendum Response V02 | AddendumResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Amendment V01 | Amendment10.Context6.TransactionContext6.  SettlementService2.SettlementServiceDate1 |
| Authorisation Initiation V03 | AuthorisationInitiation2.Context10.TransactionContext7.  SettlementService1.SettlementServiceDate1 |
| Authorisation Response V03 | AuthorisationResponse2.Context13.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Batch Management Initiation V02 | BatchManagementIntiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Batch Management Response V02 | BatchManagementResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Batch Transfer Initiation V02 | BatchTransferIntiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Batch Transfer Response V02 | BatchTransferResponse2. Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Card Management Initiation V02 | CardManagementInitiation2.Context11.TransactionContext7.  SettlementService1.SettlementServiceDate1 |
| Card Management Response V02 | CardManagementResponse2.Context13.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Charge Back Initiation V02 | ChargeBackInitiation2.Context14.TransactionContext9.  SettlementService1.SettlementServiceDate1 |
| Charge Back Response V02 | ChargeBackResponse2.Context16.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Custom Report V01 | CustomReport1.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Error V03 | Error3.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Fee Collection Initiation V02 | FeeCollectionInitiation2.Context16.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Fee Collection Response V02 | FeeCollectionResponse2.Context16.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| File Action Initiation V02 | FileActionInitiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| File Action Response V02 | FileActionResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Financial Initiation V03 | FinancialInitiation2.Context10.TransactionContext7.  SettlementService1.SettlementServiceDate1 |
| Financial Response V03 | FinancialResponse2.Context13.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Fraud Disposition Initiation V02 | FraudDispositionInitiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Fraud Disposition Response V02 | FraudDispositionResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Fraud Reporting Initiation V02 | FraudReportingInitiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Fraud Reporting Response V02 | FraudReportingResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Inquiry Initiation V02 | InquiryInitiation2.Context11.TransactionContext7.  SettlementService1.SettlementServiceDate1 |
| Inquiry Response V02 | InquiryResponse2.Context13.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Key Exchange Initiation V03 | KeyExchangeInitiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Key Exchange Response V03 | KeyExchangeResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Network Management Initiation V03 | NetworkManagementInitiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Network Management Response V03 | NetworkManagementResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Reconciliation Initiation V03 | ReconciliationInitiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Reconciliation Response V03 | ReconciliationResponse5.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Retrieval Fulfilment Initiation V02 | RetrievalFulfilmentInitiation2.Context15.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Retrieval Fulfilment Response V02 | RetrievalFulfilmentResponse2.Context15.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Retrieval Initiation V02 | RetrievalInitiation2.Context15.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Retrieval Response V02 | RetrievalResponse4.Context15.TransactionContext8.  SettlementService2.SettlementServiceDate1 |
| Reversal Initiation V03 | ReversalInitiation2.Context14.TransactionContext9.  SettlementService1.SettlementServiceDate1 |
| Reversal Response V03 | ReversalResponse2.TransactionContext3.  SettlementService2.SettlementServiceDate1 |
| Settlement Reporting Initiation V02 | SettlementReportingInitiation2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Settlement Reporting Response V02 | SettlementReportingResponse2.Context17.TransactionContext10.  SettlementService2.SettlementServiceDate1 |
| Verification Initiation V02 | VerificationInitiation2.Context11.TransactionContext7.  SettlementService1.SettlementServiceDate1 |
| Verification Response V02 | VerificationResponse2.Context13.TransactionContext8.  SettlementService2.SettlementServiceDate1 |

## CR0981-3: Detail Amount Type and additional Amount Type

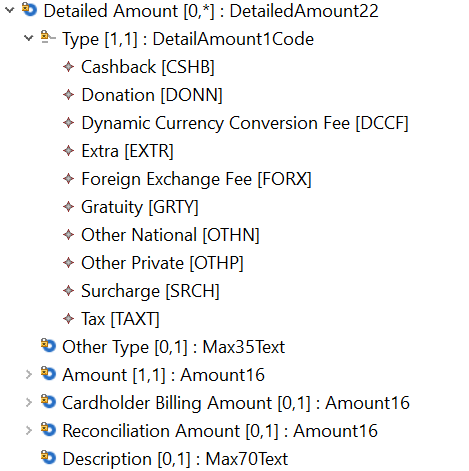
### Add one amount type to DetailedAmount1Code

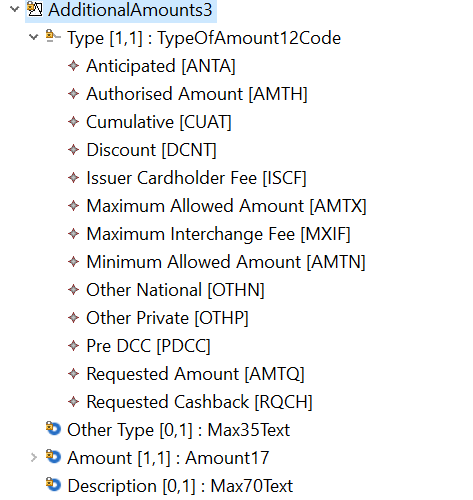
#### Description

Add new amount type-Base Amount, healthcare related amount, and EBT related amount to DetailedAmount1Code to indicate base amount which I used to calculate other amount, such tax, fee, etc.

Change to ISOAmountTypeCode for both AdditionalAmount and Detail Amount

#### Existing component





#### Component modification

Modified component that will replace all instances of DetailedAmount22:

|  |  |  |
| --- | --- | --- |
| DetailedAmountXX | Occurs |  |
| Type <Tp> | [1..1] | CodeSet ->ISOAmountTypeCode |
| OtherType <OthrTp> | [0..1] | Max35Text |
| CreditDebit |  | CreditDebit3Code |
| Amount <Amt> | [1..1] | ~~Amount16~~ ImpliedCurrencyAndAmount |
| CardholderBillingAmount <CrdhldrBllgAmt> | [0..1] | ~~Amount16~~ ImpliedCurrencyAndAmount |
| ReconciliationAmount <RcncltnAmt> | [0..1] | ~~Amount16~~ ImpliedCurrencyAndAmount |
| Description< Desc> | [0..1] | Max70Text |

|  |  |  |
| --- | --- | --- |
| AdditionalAmountXX | Occurs |  |
| Type <Tp> | [1..1] | CodeSet ->ISOAmountTypeCode |
| OtherType <OthrTp> | [0..1] | Max35Text |
| Amount <Amt> | [1..1] | Amount17 |
| Description< Desc> | [0..1] | Max70Text |

#### Impacts

* DetailedAmount22 and AdditionalAmounts3 component used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| DetailedAmount22/TransactionAmounts2/Transaction142/AuthoisationInitiation2  AdditionalAmounts3/Transaction142/ AuthoisationInitiation2 | Authorisation Initiation V03 (cain.001.001.03) |
| DetailedAmount22/TransactionAmounts2/Transaction119/AuthoisationResponse2  AdditionalAmounts3/Transaction119/ AuthoisationResponse2 | Authorisation Response V03 (cain.002.001.03) |
| DetailedAmount22/TransactionAmounts2/Transaction114/FinancialInitiation2  AdditionalAmount3/Transaction114/FinancialInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| DetailedAmount22/TransactionAmounts2/Transaction119/FinancialResponse2  AdditionalAmount3/Transaction119/FinancialResponse2 | Financial Response V03 (cain.004.001.03) |
| AdditionalAmount3/Transaction121/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| AdditionalAmount3/Transaction122/ CardManagementResponse2 | Card Management Response V03 (cain.024.001.02) |
| AdditionalAmount3/Transaction131/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| AdditionalAmount3/Transaction132/InquiryResponse2 | Inquiry Response V03 (cain.017.001.02) |
| AdditionalAmount3/Transaction115/VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| AdditionalAmount3/Transaction140/VerificationResponse2 | Verification Response V03 (cain.019.001.02) |
| DetailedAmount22/TransactionAmounts2/Transaction142/ReversalInitiation2  AdditionalAmounts/Transaction142/ReversalInitiation2 | Reversal Initiation V03 (cain.005.001.03) |
| DetailedAmount22/TransactionAmounts2/Transaction137/ReversalResponse4  AdditionalAmounts3/Transaction137/ReversalResponse4 | Reversal Response V03 (cain.006.001.03) |
| DetailedAmount22/TransactionAmounts2/Transaction116/OriginalTransaction2/Transaction136/RetrievalInitiation2  AdditionalAmounts3/Transaction116/OriginalTransaction2/Transaction136/RetrievalInitiation2 | Retrieval Initiation V02 (cain.021.001.02) |
| DetailedAmount22/TransactionAmounts2/Transaction116/OriginalTransaction2/Transaction136/RetrievalFulfilmentInitiation2  AdditionalAmounts3/Transaction116/OriginalTransaction2/Transaction136/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Initiation V02 (cain.014.001.02) |
| DetailedAmount22/TransactionAmounts2/Transaction116/OriginalTransaction2/Transaction136/ChargebackInitiation2  DetailedAmount22/TransactionAmounts2/Transaction123/ ChargebackInitiation2  AdditionalAmount3/Transaction123/ ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| DetailedAmount22/TransactionAmounts2/Transaction123/ChargebackResponse2 | Chargeback Response V02 (cain.028.001.02) |
| DetailedAmount22/TransactionAmounts2/Transaction125/FeeCollectionInitiation2  AdditionalAmount3/Transaction125/FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02) |
| DetailedAmount22/TransactionAmounts2/Transaction125/FeeCollectionResponse2  AdditionalAmount3/Transaction125/FeeCollectionResponse2 | Fee Collection Response V02 (cafc.002.001.02) |

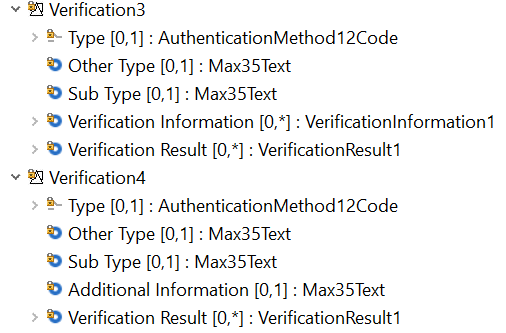
## CR0981-4: Verification Type

### Change to External Code list for Verification Type

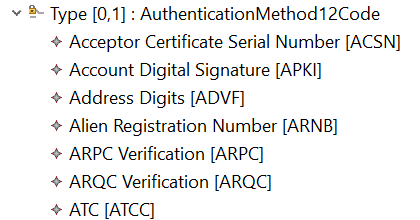
#### Description

Because new verification types continue emerging, it is better to use external code so that won’t delay the new verification type launching in the market. Remove the current code list from **AuthenticationMenthod12Code used in Verification3 and Verification4,** refer to ISO 20022 external code list for Authentication Method.

#### Existing Component



**AuthenticationMethod12Code (only show partial list)**



#### Component modification

Modified component that will replace all instances of Verification3:

|  |  |  |
| --- | --- | --- |
| VerificationXX | Occurs |  |
| Type <Tp> | [0..1] | ~~CodeSet~~  External Code list |
| OtherType <OthrTp> | [0..1] | Max35Text |
| SubType <SubTp> | [0..1] | Max35Text |
| VerificationInformation <VrfctnInf> | [0..\*] | VerificationInformation1 |
| VerificationResult <VrfctnRslt> | [0..\*] | VerificationResult1 |

Modified component that will replace all instances of Verification4:

|  |  |  |
| --- | --- | --- |
| VerificationXX | Occurs |  |
| Type <Tp> | [0..1] | ~~CodeSet~~  External Code list |
| OtherType <OthrTp> | [0..1] | Max35Text |
| SubType <SubTp> | [0..1] | Max35Text |
| AdditionalInformation <AddtlInf> | [0..1] | Max35Text |
| VerificationResult <VrfctnRslt> | [0..\*] | VerificationResult1 |

#### Impacts

* Verification3 and Verification4 component used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| AuthenticationMethod12Code/Verification3/Context10/AuthoisationInitiation2 | Authorisation Initiation V03 (cain.001.001.03) |
| AuthenticationMethod12Code/Verification4/Context13/AuthoisationResponse2 | Authorisation Response V03 (cain.002.001.03) |
| AuthenticationMethod12Code/Verification3/Context10/AuthoisationInitiation2/FinancialInitiation2 | Financial Initiation V03 (cain.003.001.03) |
| AuthenticationMethod12Code/Verification4/Context13/FinancialResponse2 | Financial Response V03 (cain.004.001.03) |
| AuthenticationMethod12Code/Verification3/Context11/InquiryInitiation2 | Inquiry Initiation V02 (cain.016.001.02) |
| AuthenticationMethod12Code/Verification4/Context13/InquiryResponse2 | Inquiry Response V03 (cain.017.001.02) |
| AuthenticationMethod12Code/Verification3/Context11/VerificationInitiation2 | Verification Initiation V02 (cain.018.001.02) |
| AuthenticationMethod12Code/Verification4/Context13/VerificationResponse2 | Verification Response V02 (cain.019.001.02) |
| AuthenticationMethod12Code/Verification3/Context11/CardManagementInitiation2 | Card Management Initiation V02 (cain.023.001.02) |
| AuthenticationMethod12Code/Verification4/Context13/CardManagementResponse2 | Card Management Response V02 (cain.024.001.02) |
| AuthenticationMethod12Code/Verification4/Context12/OriginationTransaction2/ChargebackInitiation2 | Chargeback Initiation V02 (cain.027.001.02) |
| AuthenticationMethod12Code/Verification4/Context12/OriginationTransaction2/RetrievalFulfilmentInitiation2 | Retrieval Fulfilment Response V02 (cain.014.001.02) |
| AuthenticationMethod12Code/Verification4/Context12/OriginationTransaction2/RetrievalInitiation2 | Retrieval Response V02 (cain.021.001.02) |

## CR0981-5: Fee Collection Message

### Modify the solution for Fee Collection Message

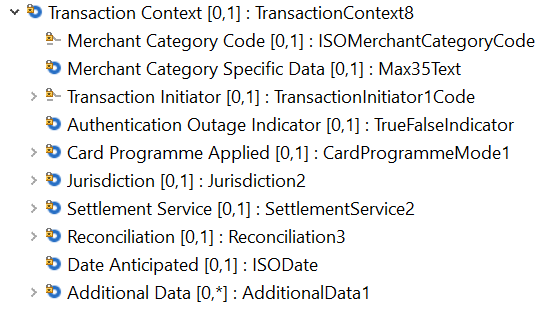
#### Description

Current solution Fee collection message has below two issues to be addressed:

* Close the gap with ISO 8583 to support Fee Collection Cancellation and identify who initiated fee collection
* Fix Errors, remove Components not applicable to Fee Collection Messages

#### TransactionContext

#### Existing Component



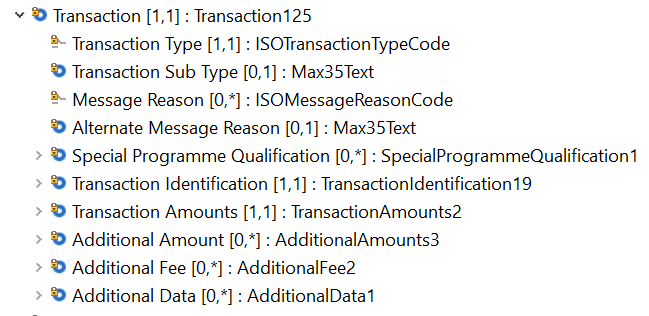
#### Component Modification

Modified component that will replace TransactionContext8 in Fee Collection with TransactionContextXX:

|  |  |  |
| --- | --- | --- |
| TransactionContextXX | Occurs |  |
| MerchantCategoryCode <MrchntCtgyCd> | [0,1] | ISOMerchantCategoryCCode |
| MerchantCategorySpecificData <<MrchntCtgySpcfcData>> | [0,1] | Max35Text |
| FeeCollectionInitiator <FeeColltnInitr> | [0,1] | FeeCollectionInitiator1Code  ACCP – Acquirer  CISS – CardIssuer  AGNT - Agent  OTHP – Other Private  OTHN – Other National |
| OtherFeeCollectionInitiator<OthrFeeColltnInitr> | [0,1] | Max35Text |
| ~~AuthenticationOutageIndicator <AuthntchOutgInd >~~ | ~~[0,1]~~ | ~~TrueFalseIndicator~~ |
| CardProgrammeApplied <CardPrgrmmApld> | [0,1] | CardProgrammeMode1 |
| Jurisdiction<Jursdctn> | [0,1] | Jurisdiction2 |
| SettlementService <SttlmSvc> | [0,1] | SettlementService2 |
| Reconciliation <Rcncltn> | [0,1] | Reconciliation3 |
| ~~DataAnticipated<DtAntcptd>~~ | ~~[0,1]~~ | ~~ISODate~~ |
| AdditionalData <AddtlData> | [0..\*] | AdditionalData1 |

#### Transaction125

#### Existing Component



#### Component Modification

Modified component that will replace Transaction125 in Fee Collection with TransactionXX:

|  |  |  |
| --- | --- | --- |
| Transaction XX | Occurs |  |
| TransactionType <TxTp> | [1,1] | ISOTransactionTypeCode |
| TransactionSubType <TxSubTp> | [0,1] | Max35Text |
| CancellationIndicator<CxlInd> | [0,1] | TrueFalseIndicator |
| MessageReason <MsgRsn> | [0,\*] | ISOMessageReasonCode |
| AlternateMessageReason <AltrnMsgRsn> | [0,\*] | Max35Text |
| SpecialProgrammeQualification <SpclPrgrmmQlfctn> | [0,\*] | SpecialProgrammeQualification1 |
| TransactionIdentification <TxId> | [1,1] | ~~TransactionIdentification19~~  TransactionIdentification15 |
| TransactionAmounts <TxAmts> | [1,1] | TransactionAmounts2 |
| AdditionalAmounts <AddtlAmts> | [0,\*] | AdditionalAmounts3 |
| AdditionalFees <AddtlFees> | [0,\*] | AdditionalFees2 |
| AdditionalData <AddtlData> | [0,\*] | AdditionalData1 |
| FeeCollectionCycle < > | [0..1] | Exact1NumericText |
| FeeCollectionReference < > | [0..1] | FeeCollectionReference |

* **Add** "FeeCollectionCycle" (Exact1Number" [0..1])
  + 1=Initial Fee Collection
  + 2=Fee Collection Return
  + 3=Fee Collection Resubmission
  + 4=Fee Collection Arbitration Return
* **Add** "FeeCollectionReference" [0..1]
  + AssignerEntity[0..1]
  + OtherAssignerEntity[0..1]
  + FeeCollectionIdentification[1..1]"

#### Impacts

* TransactionContext8 and Transaction125 component used in

|  |  |
| --- | --- |
| Component Trace Path | Messages |
| TransactionContext8/Context16/FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02)  Fee Collection Response V02 (cafc.002.001.02) |
| Transaction125/FeeCollectionInitiation2 | Fee Collection Initiation V02 (cafc.001.001.02)  Fee Collection Response V02 (cafc.002.001.02) |

## CR0981-6: File Action Size

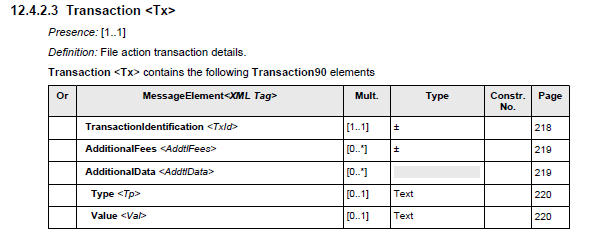
#### Description

* Increase the size of the text data sent in the File Action Initiation message from **20000TEXT** to **10MbText** (Specifies a character string with a maximum length of 10,000,000 characters.), and consequently increase the binary size from **Max10MbBinary** to **Max20MbBinary** (Binary data of 20 megabytes (20 Mb) maximum).
* Add **Format[0,1]: OutputFormat5Code** to define the format of the data which is being sent
* Addition of FileActionDetail to FileActionResponse/Transaction <Tx> as it would allow an implementor the ability to add additional information of the transaction in the response message.
* The related CR is “CR#0979 Change 20” for FileActionResponse.

#### Component Modification

**FileActionDetailsX~~2~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| FileActionDetails | [1..1] | *FileActionDetailsX~~2~~* |
| *Format* | *[0..1]* | *OutputFormat5Code* |
| FileName | [0..1] | Max140Text |
| DataRecord | [1..1] | *DataRecordX~~1~~Choice* |
| Binary | [1..\*] | ~~Max10MbBinary~~ **Max20MbText** |
| Text | [1..\*] | ~~Max20000Text~~  **Max10MbText** |



|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
|  | FileActionDetails<FileActnDtls> | [1..1] |  |  |  |

#### Impacts

* + FileActionInitiationV02 (cafm.001.001.02)
  + FileActionResponseV02 (cafm.002.001.02)

## CR0981-7: Dispute Data

#### Description

Add "Dispute Data" component under the Transaction structure of Retrieval Initiation and Retrieval Fulfilment Initiation messages.

#### Component Modification

**RetrievalInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *RetrievalInitiationX~~2~~* |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Transaction | [0..1] | *TransactionXXX~~136~~* |
| MessageReason | [0..\*] | ISOMessageReasonCode |
| ~~DisputeReference~~ | ~~[0..\*]~~ | ~~DisputeReference1~~ |
| **DisputeData** | **[0..\*]** | **DisputeData1** |
| … |  |  |
| OriginalTransaction | [1..1] | OriginalTransaction2 |

**RetrievalResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *RetrievalResponseX~~2~~* |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Transaction | [0..1] | *TransactionXXX~~136~~* |
| MessageReason | [0..\*] | ISOMessageReasonCode |
| ~~DisputeReference~~ | ~~[0..\*]~~ | ~~DisputeReference1~~ |
| **DisputeData** | **[0..\*]** | **DisputeData1** |
| … |  |  |
| ProcessingResult | [1..1] | ProcessingResult14 |

**RetrievalFulfilmentInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *RetrievalFulfilmentInitiationX~~2~~* |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Transaction | [0..1] | *TransactionXXX~~136~~* |
| MessageReason | [0..\*] | ISOMessageReasonCode |
| ~~DisputeReference~~ | ~~[0..\*]~~ | ~~DisputeReference1~~ |
| **DisputeData** | **[0..\*]** | **DisputeData1** |
| … |  |  |
| OriginalTransaction | [0..1] | OriginalTransaction2 |

**RetrievalFulfilmentResponseVXX0~~2~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *RetrievalFulfilmentResponseX~~2~~* |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Transaction | [0..1] | *TransactionXXX~~136~~* |
| MessageReason | [0..\*] | ISOMessageReasonCode |
| ~~DisputeReference~~ | ~~[0..\*]~~ | ~~DisputeReference1~~ |
| **DisputeData** | **[0..\*]** | **DisputeData1** |
| … |  |  |
| ProcessingResult | [1..1] | ProcessingResult14 |

#### Impacts

* + RetrievalInitiationV02 (cain.021.001.02)
  + RetrievalResponseV02 (cain.022.001.02)
  + RetrievalFulfilmentInitiationV02 (cain.014.001.02)
  + RetrievalFulfilmentResponseV02 (cain.015.001.02)

## CR0981-8: Dispute Additional Data

#### Description

Change the type of Transaction/Dispute Data/Additional Dispute Data from Max1000Text to a "Type" and "Value" structure and make it iterative [0,\*].

#### Component Modification

**AuthorisationInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *AuthorisationInitiationX~~2~~* |
| Environment | [1..1] | Environment17 |
| … |  |  |
| Transaction | [1..1] | *TransactionXXX~~142~~* |
| TransactionType | [1..1] | ISOTransactionTypeCode |
| … |  |  |
| ~~DisputeData~~ | ~~[0..\*]~~ | *~~DisputeData1~~* |

**ChargeBackInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *ChargeBackInitiationX~~2~~* |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Transaction | [1..1] | *TransactionXXX~~123~~* |
| MessageReason | [0..\*] | ISOMessageReasonCode |
| … |  |  |
| DisputeData | [1..1] | *DisputeDataX~~1~~* |
| AdditionalDisputeData | [0..**\***~~1~~] | ~~Max1000Text~~**AdditionalData1** |
| **Type** | **[0..1]** | **Max35Text** |
| **Value** | **[0..1]** | **Max2048Text** |
| OriginalTransaction | [1..1] | *OriginalTransactionX~~2~~* |
| Environment | [0..1] | Environment20 |
| … |  |  |
| Transaction | [0..1] | *TransactionXXX~~116~~* |
| TransactionType | [0..1] | ISOTransactionTypeCode |
| … |  |  |
| DisputeData | [0..\*] | *DisputeDataX~~1~~* |
| AdditionalDisputeData | [0..**\***~~1~~] | ~~Max1000Text~~**AdditionalData1** |
| **Type** | **[0..1]** | **Max35Text** |
| **Value** | **[0..1]** | **Max2048Text** |

**ChargeBackResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *ChargeBackResponseX~~2~~* |
| Environment | [1..1] | Environment29 |
| … |  |  |
| Transaction | [1..1] | *Transaction123* |
| MessageReason | [0..\*] | ISOMessageReasonCode |
| … |  |  |
| DisputeData | [1..1] | *DisputeDataX~~1~~* |
| AdditionalDisputeData | [0..**\***~~1~~] | ~~Max1000Text~~**AdditionalData1** |
| **Type** | **[0..1]** | **Max35Text** |
| **Value** | **[0..1]** | **Max2048Text** |

**FinancialInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *FinancialInitiationX~~2~~* |
| Environment | [1..1] | Environment17 |
| … |  |  |
| Transaction | [1..1] | *TransactionXXX~~114~~* |
| TransactionType | [1..1] | ISOTransactionTypeCode |
| … |  |  |
| DisputeData | [0..\*] | *DisputeDataX~~1~~* |
| AdditionalDisputeData | [0..**\***~~1~~] | ~~Max1000Text~~**AdditionalData1** |
| **Type** | **[0..1]** | **Max35Text** |
| **Value** | **[0..1]** | **Max2048Text** |

**RetrievalFulfilmentInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *RetrievalFulfilmentInitiationX~~2~~* |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Transaction | [0..1] | Transaction136 |
| OriginalTransaction | [0..1] | *OriginalTransactionX~~2~~* |
| Environment | [0..1] | Environment20 |
| … |  |  |
| Transaction | [0..1] | *TransactionXXX~~116~~* |
| TransactionType | [0..1] | ISOTransactionTypeCode |
| … |  |  |
| DisputeData | [0..\*] | *DisputeDataX~~1~~* |
| AdditionalDisputeData | [0..**\***~~1~~] | ~~Max1000Text~~**AdditionalData1** |
| **Type** | **[0..1]** | **Max35Text** |
| **Value** | **[0..1]** | **Max2048Text** |

**RetrievalInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *RetrievalInitiationX~~2~~* |
| Environment | [1..1] | Environment21 |
| … |  |  |
| Transaction | [0..1] | Transaction136 |
| OriginalTransaction | [1..1] | *OriginalTransactionX~~2~~* |
| Environment | [0..1] | Environment20 |
| … |  |  |
| Transaction | [0..1] | *TransactionXXX~~116~~* |
| TransactionType | [0..1] | ISOTransactionTypeCode |
| … |  |  |
| DisputeData | [0..\*] | *DisputeDataX~~1~~* |
| AdditionalDisputeData | [0..**\***~~1~~] | ~~Max1000Text~~**AdditionalData1** |
| **Type** | **[0..1]** | **Max35Text** |
| **Value** | **[0..1]** | **Max2048Text** |

**ReversalInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | *ReversalInitiationX~~2~~* |
| Environment | [1..1] | Environment19 |
| … |  |  |
| Transaction | [1..1] | *TransactionXXX~~142~~* |
| TransactionType | [1..1] | ISOTransactionTypeCode |
| … |  |  |
| DisputeData | [0..\*] | *DisputeDataX~~1~~* |
| AdditionalDisputeData | [0..**\***~~1~~] | ~~Max1000Text~~**AdditionalData1** |
| **Type** | **[0..1]** | **Max35Text** |
| **Value** | **[0..1]** | **Max2048Text** |

#### Impacts

* + AuthorisationInitiationV03 (cain.001.001.03)
  + ChargeBackInitiationV02 (cain.027.001.02)
  + ChargeBackResponseV02 (cain.028.001.02)
  + FinancialInitiationV03 (cain.003.001.03)
  + RetrievalFulfilmentInitiationV02 (cain.014.001.02)
  + RetrievalInitiationV02 (cain.021.001.02)
  + ReversalInitiationV03 (cain.005.001.03)

## CR0981-9: POS Context Additional Data

#### Description

Though the structure of **AdditionalData [0,\*] : AdditionalData1** was changed in ATICA v3 and has been updated to the message component PointOfServiceContext for certain messages, the same structure of the following messages needs to be updated;

* ChargeBackInitiationV02 (cain.027.001.02)
* RetrievalFulfilmentInitiationV02 (cain.014.001.02)
* RetrievalInitiationV02 (cain.021.001.02)
* ReversalInitiationV03 (cain.005.001.03)

#### Component Modification

**ChargeBackInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | ChargeBackInitiation2 |
| Context | [0..1] | Context14 |
| PointOfServiceContext | [0..1] | **PointOfServiceContextX~~5~~** |
| CardPresent | [0..1] | TrueFalseIndicator |
| … |  |  |
| SpecialConditions | [0..\*] | SpecialConditions1 |
| *AdditionalData* | *[0..\*]* | *AdditionalData1* |
| *Type* | *[0..1]* | *Max35Text* |
| *Value* | *[0..1]* | *Max2048Text* |

**RetrievalFulfilmentInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | RetrievalFulfilmentInitiation2 |
| Context | [1..1] | Context15 |
| PointOfServiceContext | [0..1] | **PointOfServiceContextX~~5~~** |
| CardPresent | [0..1] | TrueFalseIndicator |
| … |  |  |
| SpecialConditions | [0..\*] | SpecialConditions1 |
| *AdditionalData* | *[0..\*]* | *AdditionalData1* |
| *Type* | *[0..1]* | *Max35Text* |
| *Value* | *[0..1]* | *Max2048Text* |

**RetrievalInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | RetrievalInitiation2 |
| Context | [1..1] | Context15 |
| PointOfServiceContext | [0..1] | **PointOfServiceContextX~~5~~** |
| CardPresent | [0..1] | TrueFalseIndicator |
| … |  |  |
| SpecialConditions | [0..\*] | SpecialConditions1 |
| *AdditionalData* | *[0..\*]* | *AdditionalData1* |
| *Type* | *[0..1]* | *Max35Text* |
| *Value* | *[0..1]* | *Max2048Text* |

**ReversalInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | ReversalInitiation2 |
| Context | [0..1] | Context14 |
| PointOfServiceContext | [0..1] | **PointOfServiceContextX~~5~~** |
| CardPresent | [0..1] | TrueFalseIndicator |
| … |  |  |
| SpecialConditions | [0..\*] | SpecialConditions1 |
| *AdditionalData* | *[0..\*]* | *AdditionalData1* |
| *Type* | *[0..1]* | *Max35Text* |
| *Value* | *[0..1]* | *Max2048Text* |

#### Impacts

* ChargeBackInitiationV02 (cain.027.001.02)
* RetrievalFulfilmentInitiationV02 (cain.014.001.02)
* RetrievalInitiationV02 (cain.021.001.02)
* ReversalInitiationV03 (cain.005.001.03)

## CR0981-10: Adding Dispute related structures in Financial messages

#### Description

Financial Initiation and Response messages are used for Representment/2nd Presentment in the Dispute process. Financial message structure shall be updated to match the structure of the Chargeback message in order to pass dispute related data.

#### Component Modification

**FinancialInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | FinancialInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment**XX**~~17~~ |
|  | Acquirer | [1..1] | PartyIdentification240 |
|  | Originator | [0..1] | PartyIdentification240 |
|  | … |  |  |
|  | Card | [0..1] | CardData**X**~~6~~ |
|  | … |  |  |
|  | *PAN Account Range* | *[0..1]* | *Max19NumericText* |
|  | … |  |  |
|  | Wallet | [0..1] | Wallet2 |
|  | Token | [0..1] | Token2 |
|  | Cardholder | [0..1] | Cardholder17 |
|  | Context | [1..1] | Context10 |
|  | Transaction | [1..1] | Transaction1**XXX**~~114~~ |
|  | … |  |  |
|  | *Additional Information* | *[0..1]* | *AdditionalInformation20* |
|  | *Original Transaction* | *[0..1]* | *OriginalTransaction2* |
|  | … |  |  |

**FinancialResponseVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | FinancialResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment26 |
|  | Context | [1..1] | Context13 |
|  | Transaction | [1..1] | Transaction1**XXX**~~119~~ |
|  | … |  |  |
|  | *Message Reason* | *[0..\*]* | *ISOMessageReasponCode* |
|  | *Alternate Message Reason* | *[0..\*]* | *Max35Text* |
|  | *Dispute Data* | *[1..1]* | *DisputeData1* |
|  | *Additional Information* | *[0..1]* | *AdditionalInformation20* |
|  | … |  |  |

**ChargebackInitiationVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header40 |
|  | Body | [1..1] | ChargebacInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment21 |
|  | Context | [0..1] | Context14 |
|  | Transaction | [1..1] | Transaction1**XXX**~~123~~ |
|  | … |  |  |
|  | Transaction Identification | [1..1] | TransactionIdentification**XX**~~17~~ |
|  | … |  |  |
|  | Acquirer Reference Data | [0..1] | Max**140**~~99~~Text |
|  | … |  |  |

**ChargebackResponseVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header40 |
|  | Body | [1..1] | ChargebacResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment29 |
|  | Context | [0..1] | Context16 |
|  | Transaction | [1..1] | Transaction1**XXX**~~123~~ |
|  | … |  |  |
|  | Transaction Identification | [1..1] | TransactionIdentification**XX**~~17~~ |
|  | … |  |  |
|  | Acquirer Reference Data | [0..1] | Max**140**~~99~~Text |
|  | … |  |  |

Expand the length of Acquirer Reference Data in TransactionIdentification17, 18 from Max99Text to Max140 text

#### Impacts

* FinancialInitiationV03 (cain.003.001.03)
* FinancialResponseV03 (cain.004.001.03)
* ChargebackInitiationV02 (cain.027.001.02)
* ChargebackResponseV02 (cain.028.001.02)
* InquiryInitiation V02 (cain.016.001.02)
* InquiryResponse V02 (cain.017.001.02)
* RetrievalFulfilmentInitiation V02 (cain.014.001.02)
* RetrievalFulfilmentResponse V02 (cain.015.001.02)
* RetrivealInitiation V02 (cain.021.001.02)
* RetrievalResponse V02 (cain.022.001.02)
* VerificationInitiation V02 (cain.018.001.02)
* VerificationResponse V02 (cain.019.001.02)

## CR0981-11: ICC Fallback

#### Description

The following changes related to ICC Fallback indicators shall be made to align with the 8583 message specification.

1. PIN Entry Bypass – Add True/False indicator under Context/TransactionContext.
2. ICC Fallback Reason – Add code list under Context/Transaction Context/ICC Fallback Indicator. Choices to be as below.
   * Choosing incorrect IC application
   * Error during IC app processing
   * Terminal error reading IC data

#### Component Modification

**AuthorisationInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | AuthorisationInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment17 |
|  | Context | [1..1] | Context**XX**~~10~~ |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~7~~ |
|  | … |  |  |
|  | *PIN Entry Bypass Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | ICC Fallback Indicator | [0..1] | TrueFalseIndicator |
|  | ICC Fallback Reason Code | [0..1] | *ICCFallbackReason1Code* |
|  | *Choosing incorrect IC application [CIIA]* |  |  |
|  | *Error during IC app processing [EDIP]* |  |  |
|  | *Terminal error reading IC data [TERI]* |  |  |
|  | *Other National [OTHN]* |  |  |
|  | *Other Private [OTHP]* |  |  |
|  | *Other ICC Fallback Reason Code* | *[0..1]* | *Max35Text* |
|  | … |  |  |
|  |  |  |  |

**FinancialInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | FinancialInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment17 |
|  | Context | [1..1] | Context**XX**~~10~~ |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~7~~ |
|  | … |  |  |
|  | *PIN Entry Bypass Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | ICC Fallback Indicator | [0..1] | TrueFalseIndicator |
|  | ICC Fallback Reason Code | [0..1] | *ICCFallbackReason1Code* |
|  | *Choosing incorrect IC application [CIIA]* |  |  |
|  | *Error during IC app processing [EDIP]* |  |  |
|  | *Terminal error reading IC data [TERI]* |  |  |
|  | *Other National [OTHN]* |  |  |
|  | *Other Private [OTHP]* |  |  |
|  | *Other ICC Fallback Reason Code* | *[0..1]* | *Max35Text* |
|  | … |  |  |
|  |  |  |  |

#### Impacts

* AuthorisationInitiationV03 (cain.001.001.03)
* FinancialInitiationV03 (cain.003.001.03)

## CR0981-12: POS Data Code

#### Description

The following changes related to POS Data Code shall be made to align with the 8583 message specification.

1. MOTO Indicator – Separate into three options of MO/TO/MOTO (Located under Context/Point of Service Context). Change from current True/False indicator to code list.
2. Partial Shipment – Add option under Context/Transaction Context.

#### Component Modification

**AuthorisationInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | AuthorisationInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment17 |
|  | Context | [1..1] | Context**XX**~~10~~ |
|  | Point Of Service Context | [1..1] | PointOfServiceContext**X**~~3~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~7~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**AuthorisationResponseVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | AuthorisationResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment26 |
|  | Context | [0..1] | Context**XX**~~13~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~4~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [0..1] | TransactionContext**XX**~~8~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**FinancialInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | FinancialInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment17 |
|  | Context | [1..1] | Context**XX**~~10~~ |
|  | Point Of Service Context | [1..1] | PointOfServiceContext**X**~~3~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~7~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**FinancialResponseVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | FinancialResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment26 |
|  | Context | [1..1] | Context**XX**~~13~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~4~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [0..1] | TransactionContext**XX**~~8~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**ReversalInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | ReversalInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment19 |
|  | Context | [0..1] | Context**XX**~~14~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~5~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [0..1] | TransactionContext**XX**~~9~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**ReversalResponseVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | ReversalResponse**X**~~4~~ |
|  | Environment | [1..1] | Environment29 |
|  | ~~Context~~ | ~~[1..1]~~ | ~~TransactionContextXX3~~ |
|  | Context | [1..1] | *ContextXX~~14~~* |
|  | *Point Of Service Context* | *[0..1]* | *PointOfServiceContext****X****~~5~~* |
|  | *…* |  |  |
|  | *MOTO* **Code**~~Indicator~~ | *[0..1]* | *MOTO1Code* |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | *…* |  |  |
|  | *Transaction Context* | *[0..1]* | *TransactionContext****XX****~~9~~* |
|  | *…* |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**RetrievalFulfilmentInitiationVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header48 |
|  | Body | [1..1] | RetrievalFulfilmentInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment21 |
|  | Context | [1..1] | Context**XX**~~15~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~5~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~8~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**RetrievalFulfilmentResponseVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header48 |
|  | Body | [1..1] | RetrievalFulfilmentResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment21 |
|  | Context | [1..1] | Context**XX**~~15~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~5~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~8~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**RetrievalInitiationVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header55 |
|  | Body | [1..1] | RetrievalInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment21 |
|  | Context | [1..1] | Context**XX**~~15~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~5~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~8~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**RetrievalResponseVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header55 |
|  | Body | [1..1] | RetrievalResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment21 |
|  | Context | [0..1] | Context**XX**~~15~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~5~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext**XX**~~8~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**ChargeBackInitiationVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header40 |
|  | Body | [1..1] | ChargeBackInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment21 |
|  | Context | [0..1] | Context**XX**~~14~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~5~~ |
|  | … |  |  |
|  | MOTO **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [0..1] | TransactionContext**XX**~~9~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

**ChargeBackResponseVXX~~02~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header40 |
|  | Body | [1..1] | ChargeBackResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment29 |
|  | Context | [1..1] | Context**XX**~~16~~ |
|  | *Point Of Service Context* | *[0..1]* | *PointOfServiceContext****X****~~5~~* |
|  | … |  |  |
|  | *MOTO* **Code**~~Indicator~~ | [0..1] | **MOTO1Code** |
|  | *Mail Order [MAOR]* |  |  |
|  | *Telephone Order [TPOR]* |  |  |
|  | *MOTO [MOTO]* |  |  |
|  | … |  |  |
|  | Transaction Context | [0..1] | TransactionContext**XX**~~8~~ |
|  | … |  |  |
|  | *Partial Shipment Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | … |  |  |

#### Impacts

* AuthorisationInitiationV03 (cain.001.001.03)
* AuthorisationResponseV03 (cain.002.001.03)
* FinancialInitiationV03 (cain.003.001.03)
* FinancialResponseV03 (cain.004.001.03)
* ReversalInitiationV03 (cain.005.001.03)
* ReversalResponseV03 (cain.006.001.03)
* RetrievalFulfilmentInitiationV02 (cain.014.001.02)
* RetrievalFulfilmentResponseV02 (cain.015.001.02)
* RetrievalInitiationV02 (cain.021.001.02)
* RetrievalResponseV02 (cain.022.001.02)
* ChargeBackInitiationV02 (cain.027.001.02)
* ChargeBackResponseV02 (cain.028.001.02)

## CR0981-13: Reversal Message Function

#### Description

When reversing a transaction, we need to be able to tell the message function of the transaction which you are reversing. (In 8583, this is identified by MTI)

For this purpose, “Message Function” will be added under Transaction/Transaction Identification/Original Data Elements.

#### Component Modification

Key:

**ReversalInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Body | [1..1] | ReversalInitiation**X**~~2~~ |
|  | … |  |  |
|  | Transaction | [1..1] | Transaction**XXX**~~142~~ |
|  | … |  |  |
|  | Transaction Identification | [1..1] | TransactionIdentification**XX**~~15~~ |
|  | … |  |  |
|  | Original Data Elements | [0..1] | OriginalDataElements**X**~~2~~ |
|  | … |  |  |
|  | *Message Function* | *[0..1]* | *MessageFunction16Code* |
|  | *Advice [ADVC]* |  |  |
|  | *Capture Advice [CAAD]* |  |  |
|  | *Capture Notification [CANO]* |  |  |
|  | *Notification [NOTI]* |  |  |
|  | *Request [REQU]* |  |  |
|  | … |  |  |

**ReversalResponseVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Body | [1..1] | ReversalResponse**X**~~4~~ |
|  | … |  |  |
|  | Transaction | [1..1] | Transaction**XXX**~~137~~ |
|  | … |  |  |
|  | Transaction Identification | [1..1] | TransactionIdentification**XX**~~15~~ |
|  | … |  |  |
|  | Original Data Elements | [0..1] | OriginalDataElements**X**~~2~~ |
|  | … |  |  |
|  | *Message Function* | *[0..1]* | *MessageFunction16Code* |
|  | *Advice [ADVC]* |  |  |
|  | *Capture Advice [CAAD]* |  |  |
|  | *Capture Notification [CANO]* |  |  |
|  | *Notification [NOTI]* |  |  |
|  | *Request [REQU]* |  |  |
|  | … |  |  |

#### Impacts

* ReversalInitiationV03 (cain.005.001.03)
* ReversalResponseV03 (cain.006.001.03)

## CR0981-14: Processing Result – add *Local Data* for additional information

#### Description

This change request includes enhancements to existing, new and evolving payment methods, services and processes outlined below:

Supplemental fields in Local languages for Additional Information are added with the following enhancements:

* Add *Local Data* structure for *Additional Information* under the *Processing Result* structure.
* Add *Additional Information* and *Local Data* under *Processing Result* structure if Response messages do not have *Additional Information* structure in *Processing Result*.
* *Additional Information* in *FraudDispositionInitiation* is changed to multiple [0,,\*] because the same field in *FraudReportInitiation* is multiple.

#### Component Modification

**AddendumResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **AddendumResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..\*]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**AuthorisationInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **AuthorisationInitiationX~~2~~** |
| … | [1..1] |  |
| Processing Result | [0..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**AuthorisationResponseVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **AuthorisationResponseX~~2~~** |
| … | [1..1] |  |
| Processing Result | [1..1] | **ProcessingResultXX~~10~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**BatchManagementResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **BatchManagementResponseX~~2~~** |
| … | [1..1] |  |
| Processing Result | [1..1] | **ProcessingResultXX~~13~~** |
| … |  |  |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**BatchTransferResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **BatchTransferResponseX~~2~~** |
| … | [1..1] |  |
| Processing Result | [1..1] | **ProcessingResultXX~~13~~** |
| … |  |  |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**CardManagementInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **CardManagementInitiationX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**CardManagementResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **CardManagementResponseX~~2~~** |
| … | [1..1] |  |
| Processing Result | [1..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**ChargeBackInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **ChargeBackInitiationX~~2~~** |
| … |  |  |
| Original Transaction | [1..1] | **OriginalTransactionX~~2~~** |
| Environment | [0..1] | Environment20 |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultXX~~10~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| Processing Result | [0..1] | **ProcessingResultX~~8~~** |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**ChargeBackResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **ChargeBackResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultX~~7~~** |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FeeCollectionInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FeeCollectionInitiationX~~2~~** |
| … | [1..1] |  |
| Processing Result | [0..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FeeCollectionResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FeeCollectionResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FileActionInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FileActionInitiationX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FileActionResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FileActionResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FinancialInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FinancialInitiationX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FinancialResponseVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FinancialResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~10~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FraudDispositionInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FraudDispositionResponseX~~2~~** |
| … |  |  |
| Fraud Disposition Status | [1..1] | **FraudDispositionStatusX~~1~~** |
| … |  |  |
| Additional Information | [0..**\***] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FraudDispositionResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FraudDispositionResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**FraudReportingResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **FraudReportingResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**InquiryInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **InquiryInitiationX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultXX~~11~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**InquiryResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **InquiryResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~11~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**KeyExchangeResponseVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **KeyExchangeResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**NetworkManagementInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **NetworkManagementInitiationX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**NetworkManagementResponseVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **NetworkanagementResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**ReconciliationResponseVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **ReconciliationResponseX~~5~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**RetrievalFulfilmentInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **RetrievalFulfilmentInitiationX~~2~~** |
| … |  |  |
| Original Transaction | [0..1] | **OriginalTransactionX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultXX~~10~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**RetrievalFulfilmentReponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **RetrievalFulfilmentReponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | **AdditionalInformationXX~~22~~** |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**RetrievalInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **RetrievalInitiationX~~2~~** |
| … |  |  |
| Original Transaction | [1..1] | **OriginalTransactionX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultXX~~10~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**RetrievalReponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **RetrievalReponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~14~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation22 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**ReversalInitiationVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **ReversalInitiationX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultX~~9~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**ReversalResponseVXX~~03~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **ReversalResponseX~~4~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~10~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**SettlementReportingResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **SettlementReportingResponseX~~2~~** |
| … | [1..1] |  |
| Processing Result | [1..1] | **ProcessingResultXX~~13~~** |
| … |  |  |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**VerificationInitiationVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **VerificationInitiationX~~2~~** |
| … |  |  |
| Processing Result | [0..1] | **ProcessingResultXX~~12~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

**VerificationResponseVXX~~02~~**

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| Body | [1..1] | **VerificationResponseX~~2~~** |
| … |  |  |
| Processing Result | [1..1] | **ProcessingResultXX~~12~~** |
| … |  |  |
| Additional Information | [0..\*] | AdditionalInformation20 |
| ***LocalData*** | ***[0..1]*** | ***LocalDataX*** |
| ***Language*** | ***[1..1]*** | ***ISO2Or3ALaguageCode*** |
| ***Additional Information*** | ***[0..\*]*** | ***AdditionalInformationXX*** |
| ***Type*** | ***[0..1]*** | ***Max70Text*** |
| ***Value*** | ***[0..1]*** | ***Max40KText*** |
| … |  |  |

#### Impacts

* + AddendumResponseV02 (cain.026.001.02)
  + AuthorisationInitiationV03 (cain.001.001.03)
  + AuthorisationResponseV03 (cain.002.001.03)
  + CardManagementInitiationV02 (cain.023.001.02)
  + CardManagementResponseV02 (cain.024.001.02)
  + ChargeBackInitiationV02 (cain.027.001.02)
  + ChargeBackResponseV02 (cain.028.001.02)
  + FeeCollectionInitiationV02 (cafm.001.001.02)
  + FeeCollectionResponseV02 (cafm.002.001.02)
  + FinancialInitiationV03 (cain.003.001.03)
  + FinancialResponseV03 (cain.004.001.03)
  + FraudDispositionInitiationV02 (carp.004.001.01)
  + FraudDispositionResponseV02 (carp.005.001.01)
  + FraudReportingInitiationV02 (carp.002.001.01)
  + FraudReportingResponseV02 (carp.003.001.01)
  + InquiryInitiationV02 (cain.016.001.02)
  + InquiryResponseV02 (cain.017.001.02)
  + KeyExchangeResponseV03 (canm.004.001.03)
  + NetworkManagementInitiationV03 (canm.001.001.03)
  + NetworkManagementResponseV03 (canm.002.001.03)
  + ReconciliationResponseV03 (caad.006.001.03)
  + RetrievalFulfilmentInitiationV02 (cain.014.001.02)
  + RetrievalFulfilmentReponseV02 (cain.015.001.02)
  + RetrievalInitiationV02 (cain.021.001.02)
  + RetrievalReponseV02 (cain.022.001.02)
  + ReversalInitiationV03 (cain.005.001.03)
  + ReversalResponseV03 (cain.006.001.03)
  + VerificationInitiationV02 (cain.018.001.02)
  + VerificationResponseV02 (cain.019.001.02)

## CR0981-15: Transit Flag

#### Description

Transit is a unique transaction which requires a swift authorisation which would conclude within the short window of time it takes the cardholder to cross the gate or the turnstile. This requires the scheme and the issuers to be able to distinct transit transactions from the other normal contactless payments.

Also, because of its unique characteristics, merchants/acquirers are not always able to collect the full transaction amount on the first try after the transaction is completed. Merchants/acquirers are allowed to send a unique type of authorisation in order to recover any outstanding debt as allowed by each scheme.

For these purposes, “Transit transaction indicator” and “Debt recovery indicator” will be added.

Comments on 29/09/2021:

Name of indicator should be improved e.g. "Transaction resubmission" or "Financial resubmission" instead “Debt recovery indicator”.

#### Component Modification

**AuthorisationInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | AuthorisationInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment17 |
|  | Context | [1..1] | Context**XX**~~10~~ |
|  | Point Of Service Context | [1..1] | PointOfServiceContext**X**~~3~~ |
|  | Card Present | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | MOTO Indicator | [0..1] | TrueFalseIndicator |
|  | *Transit Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | Partial Approval Supported | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext7 |
|  | Verification | [0..\*] | Verification3 |
|  | Risk Context | [0..\*] | RiskContext2 |
|  | Sale Context | [0..1] | SaleContext7 |
|  | Transaction | [1..1] | Transaction1**XXX**~~142~~ |
|  | … |  |  |
|  | Transaction Attribute | [0..1] | TransactionAttribute**X**~~1~~Code |
|  | Aggregation [AGGR] |  |  |
|  | Cardless ATM Cash Disbursement [CADB] |  |  |
|  | Completion [CPLT] |  |  |
|  | *Debt Recovery [DBRC]* |  |  |
|  | Debt Repayment [DBRP] |  |  |
|  | Deferred Payment [DFRD] |  |  |
|  | … |  |  |

**AuthorisationResponseVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | AuthorisationResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment26 |
|  | Context | [0..1] | Context**XX**~~13~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~4~~ |
|  | Card Present | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | MOTO Indicator | [0..1] | TrueFalseIndicator |
|  | *Transit Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | Partial Approval Supported | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | Transaction Context | [0..1] | TransactionContext8 |
|  | Verification | [0..\*] | Verification4 |
|  | Risk Context | [0..1] | RiskContext2 |
|  | Transaction | [1..1] | Transaction1**XXX**~~119~~ |
|  | … |  |  |
|  | Transaction Attribute | [0..1] | TransactionAttribute**X**~~1~~Code |
|  | Aggregation [AGGR] |  |  |
|  | Cardless ATM Cash Disbursement [CADB] |  |  |
|  | Completion [CPLT] |  |  |
|  | *Debt Recovery [DBRC]* |  |  |
|  | Debt Repayment [DBRP] |  |  |
|  | Deferred Payment [DFRD] |  |  |
|  | … |  |  |

**FinancialInitiationVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | FinancialInitiation**X**~~2~~ |
|  | Environment | [1..1] | Environment17 |
|  | Context | [1..1] | Context**XX**~~10~~ |
|  | Point Of Service Context | [1..1] | PointOfServiceContext**X**~~3~~ |
|  | Card Present | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | MOTO Indicator | [0..1] | TrueFalseIndicator |
|  | *Transit Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | Partial Approval Supported | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | Transaction Context | [1..1] | TransactionContext7 |
|  | Verification | [0..\*] | Verification3 |
|  | Risk Context | [0..\*] | RiskContext2 |
|  | Sale Context | [0..1] | SaleContext7 |
|  | Transaction | [1..1] | Transaction1**XXX**~~114~~ |
|  | … |  |  |
|  | Transaction Attribute | [0..1] | TransactionAttribute**X**~~1~~Code |
|  | Aggregation [AGGR] |  |  |
|  | Cardless ATM Cash Disbursement [CADB] |  |  |
|  | Completion [CPLT] |  |  |
|  | *Debt Recovery [DBRC]* |  |  |
|  | Debt Repayment [DBRP] |  |  |
|  | Deferred Payment [DFRD] |  |  |
|  | … |  |  |

**FinancialResponseVXX~~03~~**

|  |  |  |  |
| --- | --- | --- | --- |
| Or | Message Root | Occurs | Type |
|  | Header | [1..1] | Header42 |
|  | Body | [1..1] | FinancialResponse**X**~~2~~ |
|  | Environment | [1..1] | Environment26 |
|  | Context | [1..1] | Context**XX**~~13~~ |
|  | Point Of Service Context | [0..1] | PointOfServiceContext**X**~~4~~ |
|  | Card Present | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | MOTO Indicator | [0..1] | TrueFalseIndicator |
|  | *Transit Indicator* | *[0..1]* | *TrueFalseIndicator* |
|  | Partial Approval Supported | [0..1] | TrueFalseIndicator |
|  | … |  |  |
|  | Transaction Context | [0..1] | TransactionContext8 |
|  | Verification | [0..\*] | Verification4 |
|  | Risk Context | [0..1] | RiskContext2 |
|  | Transaction | [1..1] | Transaction1**XXX**~~119~~ |
|  | … |  |  |
|  | Transaction Attribute | [0..1] | TransactionAttribute**X**~~1~~Code |
|  | Aggregation [AGGR] |  |  |
|  | Cardless ATM Cash Disbursement [CADB] |  |  |
|  | Completion [CPLT] |  |  |
|  | *Debt Recovery [DBRC]* |  |  |
|  | Debt Repayment [DBRP] |  |  |
|  | Deferred Payment [DFRD] |  |  |
|  | … |  |  |

#### Impacts

* AuthorisationInitiationV03 (cain.001.001.03)
* AuthorisationResponseV03 (cain.002.001.03)
* FinancialInitiationV03 (cain.003.001.03)
* FinancialResponseV03 (cain.004.001.03)

## CR0981-16: New Codes for e-commerce

#### Description

This update is for creation of e-commerce identifiers : one for Unscheduled Card On File as a new transaction attribute and the following indicators in the transaction context : Partial shipment, Delayed charges, No-show, Reauthorisation, Resubmission.

#### Component Modification

The following modification is done for the code list :

|  |  |  |  |
| --- | --- | --- | --- |
|  | Transaction Attribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
|  | Aggregation [AGGR] |  |  |
|  | Cardless ATM Cash Disbursement [CADB] |  |  |
|  | Completion [CPLT] |  |  |
|  | Debt Repayment [DBRP] |  |  |
|  | Deferred Payment [DFRD] |  |  |
|  | First Recurring [FRCP] |  |  |
|  | Incremental [INCR] |  |  |
|  | Instalment [INST] |  |  |
|  | Other National [OTHN] |  |  |
|  | Other Private [OTHP] |  |  |
|  | Pre Authorisation [PAUT] |  |  |
|  | Pre Auhorisation Completion [PACP] |  |  |
|  | Pre Payment [PPYT] |  |  |
|  | Recurring Payment [RCPT] |  |  |
|  | Subsequent Recurring [SUBR] |  |  |
|  | Top Up [TPUP] |  |  |
|  | *Unscheduled Card On File [UCOF]* |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **AuthorisationInitiation ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **AuthorisationInitiation~~4~~3** |
| … |  |  |
| Context | [1..1] | **~~Context10~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| Transaction | [1..1] | **~~Transaction142~~**  **TransactionXX** |
| … |  |  |
| TransactionAttribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **AuthorisationResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **AuthorisationResponse4** |
| … |  |  |
| Context | [1..1] | **~~Context13~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext8~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| Transaction | [1..1] | **~~Transaction119~~**  **TransactionXX** |
| … |  |  |
| TransactionAttribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **CardManagementInitiation ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **CardManagementInitiation~~2~~3** |
| … |  |  |
| Context | [1..1] | **~~Context11~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **CardManagementResponse~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **CardManagementResponse~~2~~3** |
| … |  |  |
| Context | [1..1] | **~~Context13~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext8~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| … |  |  |

|  |  |  |  |
| --- | --- | --- | --- |
| Message Root | Occurs | Type | |
| **ChargeBackInitiation ~~V02~~V03** | [1..1] |  | |
| Body | [1..1] | **ChargeBackInitiation~~2~~3** | |
| … |  |  | |
| Context | [1..1] | **~~Context14~~**  **ContextXX** | |
| … |  |  | |
| TransactionContext | [1..1] | **~~TransactionContext9~~**  **TransactionContextXX** | |
| … |  |  | |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 | |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| … |  |  | |
| … |  |  | |
| OriginalTransaction | [1..1] | **~~OriginalTransaction2~~**  **OriginalTransactionX** | |
| … |  |  | |
| Context | [0..1] | **~~Context12~~**  **ContextXX** | |
| … |  |  | |
| TransactionContext | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** | |
| … |  |  | |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 | |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| … |  |  | |
| Transaction | [1..1] | **~~Transaction116~~**  **TransactionXX** | |
| … |  | |  |
| TransactionAttribute | [0..1] | | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  | |  |
| … |  |  | |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FinancialInitiation ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **FinancialInitiation~~2~~3** |
| … |  |  |
| Context | [1..1] | **~~Context10~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| Transaction | [1..1] | **~~Transaction114~~**  **TransactionXX** |
| … |  |  |
| TransactionAttribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **FinancialResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **FinancialResponse~~3~~4** |
| … |  |  |
| Context | [1..1] | **~~Context13~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext8~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| Transaction | [1..1] | **~~Transaction119~~**  **TransactionXX** |
| … |  |  |
| TransactionAttribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **InquiryInitiation~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **InquiryInitiation~~2~~3** |
| … |  |  |
| Context | [1..1] | **~~Context11~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **InquiryResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **InquiryResponse~~2~~3** |
| … |  |  |
| Context | [1..1] | **~~Context13~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext8~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Message Root | Occurs | Type | | |
| **RetrievalFulfilmentInitiation ~~V02~~V03** | [1..1] |  | | |
| Body | [1..1] | **RetrievalFulfilmentInitiation~~2~~3** | | |
| … |  |  | |
| OriginalTransaction | [1..1] | **~~OriginalTransaction2~~**  **OriginalTransactionX** | |
| … |  |  | |
| Context | [0..1] | **~~Context12~~**  **ContextXX** | |
| … |  |  | |
| TransactionContext | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** | |
| … |  |  | |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 | |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* | |
| … |  |  | |
| … |  |  | |
| Transaction | [1..1] | | **~~Transaction116~~**  **TransactionXX** | | |
| … |  | |  | | |
| TransactionAttribute | [0..1] | | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** | | |
| … |  | |  | | |
| … |  | |  | | |

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Message Root | Occurs | | Type | |
| **RetrievalInitiation ~~V02~~V03** | [1..1] | |  | |
| Body | [1..1] | | **RetrievalInitiation~~2~~3** | |
| … | |  |  |
| OriginalTransaction | | [1..1] | **~~OriginalTransaction2~~**  **OriginalTransactionX** |
| … | |  |  |
| Context | | [0..1] | **~~Context12~~**  **ContextXX** |
| … | |  |  |
| TransactionContext | | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** |
| … | |  |  |
| TransactionInitiator | | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | | *[0..1]* | *TrueFalseIndicator* |
| … | |  |  |
| … | |  |  |
| Transaction | | [1..1] | **~~Transaction116~~**  **TransactionXX** |
| … | |  |  |
| TransactionAttribute | | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … | |  |  |
| … | |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **ReversalInitiation ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **ReversalInitiation~~3~~4** |
| … |  |  |
| Context | [1..1] | **~~Context14~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext9~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| Transaction | [1..1] | **~~Transaction142~~**  **TransactionXX** |
| … |  |  |
| TransactionAttribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **ReversalResponse ~~V03~~V04** | [1..1] |  |
| Body | [1..1] | **ReversalResponse~~3~~4** |
| … |  |  |
| Transaction | [1..1] | **~~Transaction137~~**  **TransactionXX** |
| … |  |  |
| TransactionAttribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **VerificationInitiation~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **VerificationInitiation~~2~~3** |
| … |  |  |
| Context | [1..1] | **~~Context11~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext7~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |
| … |  |  |
| Transaction | [1..1] | **~~Transaction115~~**  **TransactionXX** |
| … |  |  |
| TransactionAttribute | [0..1] | **~~TransactionAttribute1Code~~**  **TransactionAtributeXCode** |
| … |  |  |

|  |  |  |
| --- | --- | --- |
| Message Root | Occurs | Type |
| **VerificationResponse ~~V02~~V03** | [1..1] |  |
| Body | [1..1] | **VerificationResponse~~2~~3** |
| … |  |  |
| Context | [1..1] | **~~Context13~~**  **ContextXX** |
| … |  |  |
| TransactionContext | [1..1] | **~~TransactionContext8~~**  **TransactionContextXX** |
| … |  |  |
| TransactionInitiator | [0..1] | TransactionInitiatorCode1 |
| *PartialShipmentIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *DelayedChargesIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *NoShowIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ReauthorisationIndicator* | *[0..1]* | *TrueFalseIndicator* |
| *ResubmissionIndicator* | *[0..1]* | *TrueFalseIndicator* |
| … |  |  |

#### Impacts

|  |  |
| --- | --- |
| Message Definition | Message Components |
| AuthorisationInitiationV03 | Context10.TransactionContext7  Transaction142. TransactionAttribute1Code |
| AuthorisationResponseV03 | Context13.TransactionContext8  Transaction119. TransactionAttribute1Code |
| CardManagementInitiationV02 | Context11.TransactionContext7 |
| CardManagementResponseV02 | Context13.TransactionContext8 |
| ChargeBackInitiationV02 | Context14.TransactionContext9  OriginalTransaction2. Context12.TransactionContext7  Transaction116. TransactionAttribute1Code |
| FinancialInitiationV03 | Context10.TransactionContext7  Transaction114. TransactionAttribute1Code |
| FinancialResponseV03 | Context13.TransactionContext8  Transaction119. TransactionAttribute1Code |
| InquiryInitiationV02 | Context11.TransactionContext7 |
| InquiryResponseV02 | Context13.TransactionContext8 |
| RetrievalFulfilmentInitiationV02 | OriginalTransaction2. Context12.TransactionContext7  Transaction 116. TransactionAttribute1Code |
| RetrievalInitiationV02 | OriginalTransaction2. Context12.TransactionContext7  Transaction 116. TransactionAttribute1Code |
| ReversalInitiationV03 | Context14.TransactionContext9  Transaction 142. TransactionAttribute1Code |
| ReversalResponseV03 | Transaction 137. TransactionAttribute1Code |
| VerificationInitiationV02 | Context11.TransactionContext7  Transaction115. TransactionAttribute1Code |
| VerificationResponseV02 | Context13.TransactionContext8 |

# ATICA MCR-V3 CR0982 – Enhancement-Messages

1. **SEG/TSG recommendation:**

*This section is not to be taken care of by the submitter of the change request. It will be completed in due time by the SEG(s) in charge of the related ISO 20022 messages or the TSG for changes related to the BAH.*

|  |  |  |  |
| --- | --- | --- | --- |
| **Consider** | | X | **Timing** |
|  | | - **Next yearly cycle: 2021/2022**  (the change will be considered for implementation in the yearly maintenance cycle which starts in 2021 and completes with the publication of new message versions in the spring of 2022) | |  |
|  | | - **At the occasion of the next maintenance of the messages**  (the change will be considered for implementation, but does not justify maintenance of the messages in its own right – will be pending until more critical change requests are received for the messages) | |  |
|  | | - **Urgent unscheduled**  (the change justifies an urgent implementation outside of the normal yearly cycle) | |  |  |
|  | | - **Other timing:** | | |  |

Comments:

The change requests is approved by the participants (see list above). This CR might be postponed by the submitter to the 2022/2023 release.

|  |  |
| --- | --- |
| **Reject** |  |

CR0982-1.1: Caad.008.001.01 AdministrativeInitiationV01

Message Definition Functionality

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

**Outline**

The AdministrativeInitiationV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

A Header

Information related to the management of the protocol.

B Body

Information related to the initiation of the Administrative activity.

C SecurityTrailer

Trailer of the message containing a MAC

Message Definition Functionality

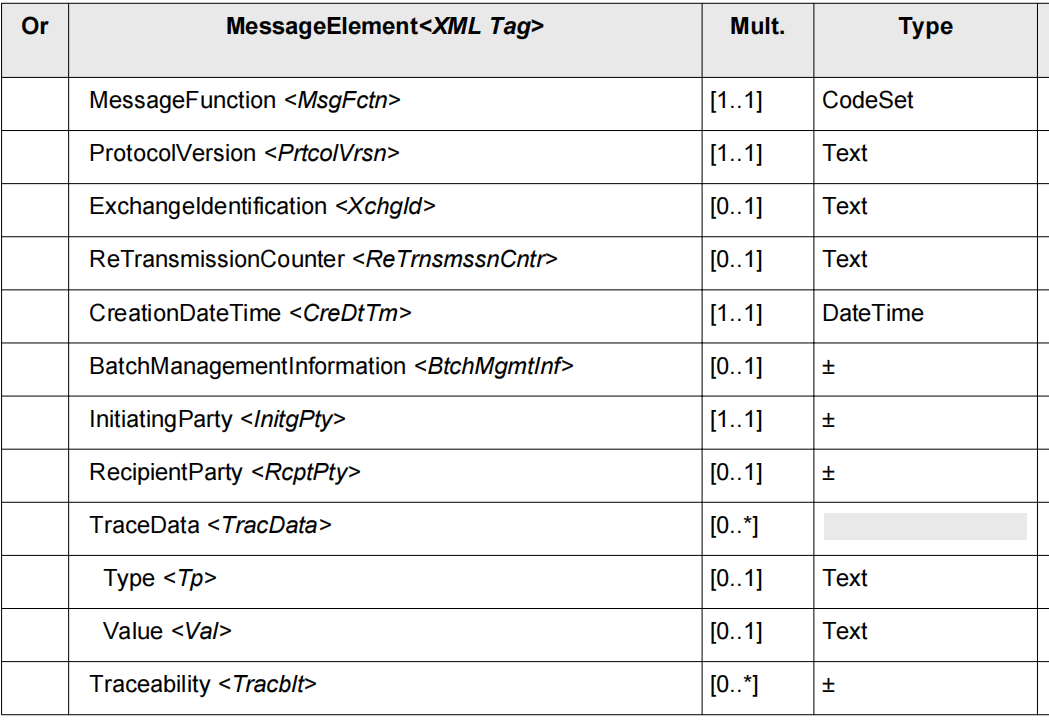
This section describes the MessageBuildingBlocks of this MessageDefinition.

*Header<Hdr>*

*Presence:* [1..1]

*Definition:* Information related to the management of the protocol.

**Header <Hdr>** contains the following elements (see "Header39" for details)



*Body <Body>*

*Presence:* [1..1]

*Definition:* Information related to the initiation of the settlement.

**Body <Body>** contains the following **AdminstrativeInitiation1** elements

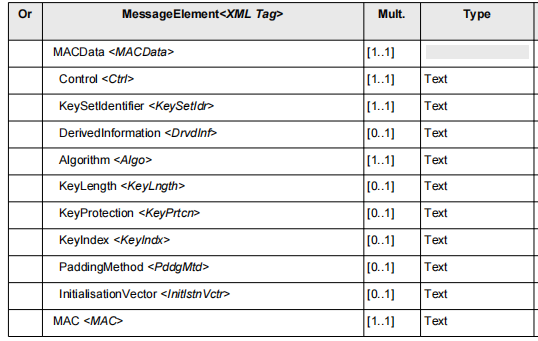
|  |  |  |  |
| --- | --- | --- | --- |
| Or | **MessageElement*<XML Tag>*** | **Mult.** | **Type** |
|  | **Environment** *<Envt>* | [1..1] | EnvironmentXX |
|  | **Acquirer** | [0..1] | PartyIdentification240 |
|  | **Originator** <Orgt> | [0..1] | PartyIdentification240 |
|  | **Sender** *<Sndr>* | [0..1] | PartyIdentification240 |
|  | **Receiver** <Rcvr> | [0..1] | PartyIdentification240 |
|  | **Destination** <Dstn> | [0..1] | PartyIdentification240 |
|  | **Settlement Institution** | [0..1] | PartyIdentification240 |
|  | **Payer** | [0..1] | PartyIdentification239 |
|  | **Payee** | [0..1] | PartyIdentification239 |
|  | **Terminal** | [0..1] | Terminal4 |
|  | **Card** <Card> | [0..1] | CardData6 |
|  | **Customer Device** | [0..1] | CustomerDevice3 |
|  | **Token** <Tkn> | [0..1] | Token2 |
|  | **Wallet** | [0..1] | Wallet2 |
|  | **Cardholder** | [0..1] | Cardholder17 |
|  | **Context** *<Cntxt>* | [0..1] | Context17 |
|  | **TransactionContext** <TxCntxt> | [0..1] | TransactionContext10 |
|  | **Transaction** *<Tx>* | [1..1] | TransactionXXX |
|  | **AdministrativeType***<AdmTp>*  TEXT - general text message  OTHP - Other Private  OTHN - Other National | [1..1] | CodeSet |
|  | **OtherAdminstrativeType***<OthrAdmTp>* | [0..1] | Max35Text |
|  | **MessageReason** | [0..\*] | ISOMessageReason |
|  | **AlternateMessageReasons** | [0..\*] | AlternateMessageReason1 |
|  | **Code***<Cd>* | [0..1] | Max35Text |
|  | **Description***<Dspt>* | [0..1] | Max256Text |
|  | **TransactionIdentification** *<TxId>* | [1..1] | TransactionIdentification12 |
|  | **SystemTraceAuditNumber***<SysTracAudtNb>* | [1..1] | Text |
|  | **TransmissionDateTime***<TrnsmssnDtTm>* | [1..1] | ISODateTime |
|  | **RetrievalReferenceNumber***<RtrvlRefNb>* | [0..1] | Text |
|  | **LifeCycleTraceIdentificationData***<LifeCyclTracIdData>* | [0..1] | TransactionLifeCycleIdentification2 |
|  | **Identification *<****Id>* | [1..1] | Text |
|  | **TextMessage***<TxtMsg>* | [0..1] | Max100KText |
|  | **AdministrativeData** | [0..\*] | AdministrativeData1 |
|  | **Type**<Tp> | [0..1] | Max35Text |
|  | **Data**<Data> | [0..\*] | AdditionalData1 |
|  | **ProtectData***<PrtctdData>* | [0..\*] | ProtectedData1 |
|  | **SupplementaryData***<SplmtryData>* | [0..\*] | SupplementaryData1 |

*SecurityTrailer <SctyTrlr>*

*Presence:* [0..1]

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

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType20" for details)



CR0982-1.2: Caad.009.001.01 AdministrativeResponseV01

Message Definition Functionality

The AdministrativeResponse message us usually sent by any party (processor, clearing or settlement agent) to any party in response to a AdministrativeInitiation Message.

Outline

The AdministrativeResposeV01 MessageDefinition is composed of 3 MessageBuildingBlocks:

A Header

Information related to the management of the protocol.

B Body

Information related to the initiation of the Administrative activity.

C SecurityTrailer

Trailer of the message containing a MAC

Message Definition Functionality

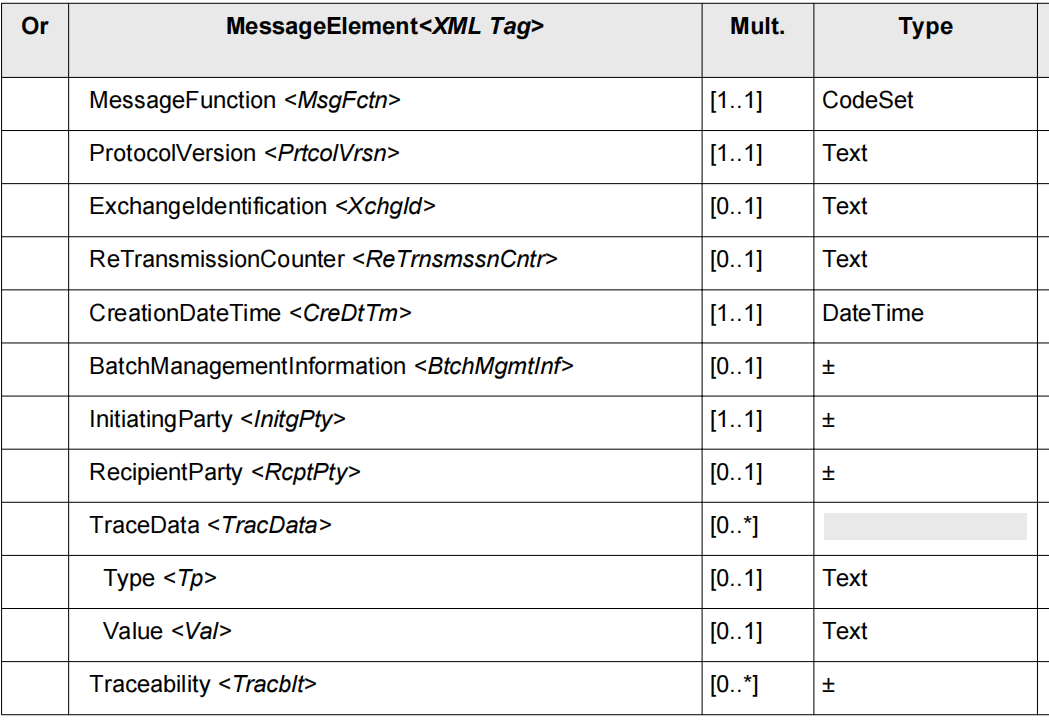
This section describes the MessageBuildingBlocks of this MessageDefinition.

*Header<Hdr>*

*Presence:* [1..1]

*Definition:* Information related to the management of the protocol.

**Header <Hdr>** contains the following elements (see "Header39" for details)



*Body <Body>*

*Presence:* [1..1]

*Definition:* Information related to the initiation of the settlement.

**Body <Body>** contains the following **AdminstrativeResponse1** elements

|  |  |  |  |
| --- | --- | --- | --- |
| Or | **MessageElement*<XML Tag>*** | **Mult.** | **Type** |
|  | **Environment** *<Envt>* | [1..1] | EnvironmentXX |
|  | **Acquirer** | [0..1] | PartyIdentification240 |
|  | **Originator** <Orgt> | [0..1] | PartyIdentification240 |
|  | **Sender** *<Sndr>* | [0..1] | PartyIdentification240 |
|  | **Receiver** <Rcvr> | [0..1] | PartyIdentification240 |
|  | **Destination** <Dstn> | [0..1] | PartyIdentification240 |
|  | **Settlement Institution** | [0..1] | PartyIdentification240 |
|  | **Payer** | [0..1] | PartyIdentification239 |
|  | **Payee** | [0..1] | PartyIdentification239 |
|  | **Terminal** | [0..1] | Terminal4 |
|  | **Card** <Card> | [0..1] | CardData9 |
|  | **Customer Device** | [0..1] | CustomerDevice3 |
|  | **Token** <Tkn> | [0..1] | Token2 |
|  | **Wallet** | [0..1] | Wallet2 |
|  | **Cardholder** | [0..1] | Cardholder17 |
|  | **Context** *<Cntxt>* | [0..1] | Context17 |
|  | **TransactionContext** <TxCntxt> | [0..1] | TransactionContext10 |
|  | **Transaction** *<Tx>* | [1..1] | TransactionXXX |
|  | **AdministrativeType***<AdmTp>*  TEXT - general text message  OTHP - Other Private  OTHN - Other National | [1..1] | CodeSet |
|  | **OtherAdminstrativeType***<OthrAdmTp>* | [0..1] | Max35Text |
|  | **MessageReason** | [0..\*] | ISOMessageReason |
|  | **AlternateMessageReasons** | [0..\*] | AlternateMessageReason1 |
|  | **Code***<Cd>* | [0..1] | Max35Text |
|  | **Description***<Dspt>* | [0..1] | Max256Text |
|  | **TransactionIdentification** *<TxId>* | [1..1] | TransactionIdentification12 |
|  | **SystemTraceAuditNumber***<SysTracAudtNb>* | [1..1] | Text |
|  | **TransmissionDateTime***<TrnsmssnDtTm>* | [1..1] | ISODateTime |
|  | **RetrievalReferenceNumber***<RtrvlRefNb>* | [0..1] | Text |
|  | **LifeCycleTraceIdentificationData***<LifeCyclTracIdData>* | [0..1] | TransactionLifeCycleIdentification2 |
|  | **Identification *<****Id>* | [1..1] | Text |
|  | **ProcessingResult** *<PrcgRslt>* | [1..1] | ProcessingResultX |
|  | **ProcessingEntity<PrcgNtty>** | [0..1] | ApprovalEntity |
|  | **ResultData** *<RsltData>* | [1..1] | ResultData1 |
|  | **AdditionalInformation***<AddtlInf>* | [0..\*] | AdditionalInformation20 |
|  | **ProtectData***<PrtctdData>* | [0..\*] | ProtectedData1 |
|  | **SupplementaryData***<SplmtryData>* | [0..\*] | SupplementaryData1 |

*SecurityTrailer <SctyTrlr>*

*Presence:* [0..1]

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

**SecurityTrailer <SctyTrlr>** contains the following elements (see "ContentInformationType20" for details)

