

Single Shared Platform

User Detailed Functional Specifications

- XML messages -

4th book

| Version 2.4

Gelöscht: 3

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Content

1 Introduction

1.1 General Information

1.2 Compliance with SWIFT standard

1.3 Availability of XML schema files

1.4 ICM timezones

1.4.1 Messages sent from SSP

1.4.2 Messages sent to SSP

1.5 Character Set

2 How to use the SWIFTNet Services

2.1 Pull Mode (Real-Time Protocol)

2.1.1 Synchronous SWIFTNet InterAct requests

2.1.2 Timeout management

2.1.3 Oversized data management

2.1.4 Timeout management in combination with oversized data

2.1.5 System errors

2.1.6 Technical compression

2.1.6.1 Technical note

2.1.6.2 Parameters

2.1.6.3 Implementation remark

2.1.6.4 Detailed description of technical data compression

2.1.6.4.1 Scope

2.1.6.4.2 Usage

2.1.6.4.3 Technical example

2.1.6.4.4 XML example (SWIFTNet InterAct)

2.1.6.4.5 Namespaces

- 2.2 File upload (Store-and-Forward)**
 - 2.2.1 Store-and-forward SWIFTNet FileAct requests**
- 2.3 Push mode (Store-and-Forward)**
 - 2.3.1 Store-and-forward SWIFTNet InterAct and SWIFTNet FileAct requests**
 - 2.3.1.1 Polling initiated by the customer client application**
 - 2.3.1.2 Push initiated by the SWIFTNet store-and-forward server**
 - 2.3.2 Technical compression**
- 2.4 Provisioning of files**
 - 2.4.1 CB traffic: statistical data & general ledger**
 - 2.4.2 Directory distribution/downloads**
 - 2.4.3 End of period Interest**
 - 2.4.4 CRSS files**
 - 2.4.4.1 Invoicing Billing**
 - 2.4.4.2 ECB info: intraday credit**
 - 2.4.4.3 Eurosystem**
 - 2.4.4.4 Legal Archiving retrieval**
 - 2.4.5 Oversized data management**
 - 2.4.5.1 Real-Time mode**
 - 2.4.5.2 Store-and-Forward mode for ASI**
- 2.5 Internal routing**
- 2.6 Task Queue protocol**
 - 2.6.1 General issue**
 - 2.6.2 Task Queue**
 - 2.6.3 Task processing**
 - 2.6.4 User action**
 - 2.6.4.1 Creation**

2.6.4.2 Query

2.6.4.3 Modification

2.6.4.4 Summary

2.6.5 Sample "Task Queue"

2.7 Treatment of modified data (delta set)

2.7.1 General issue

2.7.2 Initialisation of the Delta Set

2.7.3 Query Type "CHNG"

2.7.4 Query Type "MODF"

2.7.5 Query Type "DELD"

Gelöscht: SSP "CHNG"
algorithm

Gelöscht: Example

2.8 Security

2.8.1 Role Based Access Control

2.8.1.1 General issues

2.8.1.2 User roles for A2A

2.8.1.3 Error codes

2.8.2 Non-Repudiation of Emission

3 Error codes

3.1 SSP communication error codes

3.2 Common error codes

3.3 Individual error codes

4 Description of XML messages

4.1 Introduction

4.1.1 Global structure of an XML messages

4.1.2 Example

4.1.3 Correlation/referencing of XML messages

4.2 Authorisation Context, Authenticator, and Requestor

4.3 Request Control

4.4 Request Header

4.4.1 Requestor DN

4.4.2 Responder DN

4.4.3 Service Name

4.4.4 Request Type

4.5 Payload

4.6 Cryptographic Blocks

4.7 Message Signature

5 “Work as” and “act on behalf” scenario

5.1 Definition

5.2 Example

5.3 Implementation in A2A

5.4 Examples

6 Description of the Payload

6.1 How to read chapter 6

6.2 Application Header

6.2.1 Application Header ASI

6.2.2 Application Header CM (*for CBs only*)

6.2.3 Application Header HAM

6.2.4 Application Header PM

6.2.5 Application Header RMM

6.2.6 Application Header SDM

6.2.7 Application Header SFM

6.2.8 Application Header PHA Extern

6.2.9 Application Header PHA Intern *(for CBs only)*

6.3 Common XML messages

6.3.1 GetBroadcast

6.3.2 GetPendingData

6.3.3 GetSystemTime

6.3.4 GetTask

6.3.5 Receipt

6.3.6 ReturnBroadcast

6.3.7 ReturnSystemTime

6.3.8 ReturnTask

6.4 XML messages related to PM

6.4.1 BackupPayment

6.4.2 BackupPayment *(for CBs only)*

6.4.3 CancelTransaction

6.4.4 DeleteLimit

6.4.5 DeleteReservation

6.4.6 GetAccount

6.4.7 GetBusinessDayInformation

6.4.8 GetCreditLine

6.4.9 GetLimit

6.4.10 GetReservation

- 6.4.11 **GetSequence**
- 6.4.12 **GetSettlementInformation** *(for CBs only)*
- 6.4.13 **GetTransaction**
- 6.4.14 **LiquidityCreditTransfer**
- 6.4.15 **ModifyCreditLine** *(for CBs only)*
- 6.4.16 **ModifyLimit**
- 6.4.17 **ModifyReservation**
- 6.4.18 **ModifySequence**
- 6.4.19 **ModifyTransaction**
- 6.4.20 **ReleasePayment** *(for CBs only)*
- 6.4.21 **ReturnAccount**
- 6.4.22 **ReturnBusinessDayInformation**
- 6.4.23 **ReturnCreditLine**
- 6.4.24 **ReturnLimit**
- 6.4.25 **ReturnReservation**
- 6.4.26 **ReturnSequence**
- 6.4.27 **ReturnSettlementInformation** *(for CBs only)*
- 6.4.28 **ReturnTransaction**

6.5 XML messages related to SD

- 6.5.1 **DeleteHAMAccount** *(for CBs only)*
- 6.5.2 **DeleteRTGSAccount** *(for CBs only)*
- 6.5.3 **DeleteSFAccount** *(for CBs only)*
- 6.5.4 **DeleteSubAccount** *(for CBs only)*
- 6.5.5 **GetAS**
- 6.5.6 **GetASSettBank**
- 6.5.7 **GetCalendar**

- 6.5.8 GetCB
- 6.5.9 GetContactItem
- 6.5.10 GetDirectDebit
- 6.5.11 GetErrorCode
- 6.5.12 GetEvent
- 6.5.13 GetGOA
- 6.5.14 GetHAMAccount
- 6.5.15 GetLegalEntity
- 6.5.16 GetParticipant
- 6.5.17 GetRTGSAccount
- 6.5.18 GetSFAccount
- 6.5.19 GetStandingOrderMirror
- 6.5.20 GetSubAccount
- 6.5.21 GetT2Wildcard
- 6.5.22 ModifyHAMAccount *(for CBs only)*
- 6.5.23 ModifyLimit
- 6.5.24 ModifyReservation
- 6.5.25 ModifyRTGSAccount *(for CBs only)*
- 6.5.26 ModifySFAccount *(for CBs only)*
- 6.5.27 ModifyStandingOrder
- 6.5.28 ModifyStandingOrderMirror

6.5.29 **ModifySubAccount** *(for CBs only)*

6.5.30 **ReturnAS**

6.5.31 **ReturnASSettBank**

6.5.32 **ReturnCalendar**

6.5.33 **ReturnCB**

6.5.34 **ReturnContactItem**

6.5.35 **ReturnDirectDebit**

6.5.36 **ReturnErrorCode**

6.5.37 **ReturnEvent**

6.5.38 **ReturnGOA**

6.5.39 **ReturnHAMAccount**

6.5.40 **ReturnLegalEntity**

6.5.41 **ReturnParticipant**

6.5.42 **ReturnRTGSAccount**

6.5.43 **ReturnSFAccount**

6.5.44 **ReturnStandingOrderMirror**

6.5.45 **ReturnSubAccount**

6.5.46 **ReturnT2Wildcard**

6.6 XML messages related to ASI

6.6.1 ASInitiationStatus

6.6.2 ASTransferInitiation

6.6.3 ASTransferNotice

6.6.4 Receipt ASI

6.6.5 Receipt AS

6.6.6 ReturnAccount

6.6.7 ReturnGeneralBusinessInformation

6.6.8 SBTransferInitiation

6.7 XML message related to HAM

6.7.1 CancelTransaction *(for CBs only)*

6.7.2 GetAccount

6.7.3 GetBusinessDayInformation

6.7.4 GetReservation

6.7.5 GetThreshold *(for CBs only)*

6.7.6 GetTransaction

6.7.7 LiquidityCreditTransfer

6.7.8 ModifyReservation

6.7.9 ModifyStandingOrder

6.7.10 ModifyTransaction *(for CBs only)*

6.7.11 ReportOnInterests *(for CBs only)*

6.7.12 ReturnAccount

6.7.13 ReturnBusinessDayInformation

6.7.14 ReturnReservation

6.7.15 ReturnThreshold *(for CBs only)*

6.7.16 ReturnTransaction

6.8 XML messages related to SF

6.8.1 GetAccount

6.8.2 GetTransaction

6.8.3 LiquidityCreditTransfer

6.8.4 ReturnAccount

6.8.5 ReturnAccount (Push) *(for CBs only)*

6.8.6 ReturnTransaction

6.9 XML messages related to RM

6.9.1 AuthorizePenalty *(for CBs only)*

6.9.2 GetAccount

6.9.3 GetCompulsoryReserve *(for CBs only)*

6.9.4 GetPenalty *(for CBs only)*

6.9.5 InsertCompulsoryReserve *(for CBs only)*

6.9.6 InsertPHABalance *(for CBs only)*

6.9.7 ReturnAccount

6.9.8 ReturnCompulsoryReserve *(for CBs only)*

6.9.9 ReturnPenalty *(for CBs only)*

6.9.10 SendPeriodicFlow *(for CBs only)*

6.10 XML messages related to CM *(for CBs only)*

6.10.1 GetAccount *(for CBs only)*

6.10.2 GetBusinessDayInformation *(for CBs only)*

6.10.3 GetTransaction *(for CBs only)*

6.10.4 LiquidityCreditTransfer *(for CBs only)*

6.10.5 OpenAccount *(for CBs only)*

6.10.6 ReturnAccount *(for CBs only)*

6.10.7 ReturnBusinessDayInformation *(for CBs only)*

6.10.8 ReturnTransaction *(for CBs only)*

6.11 XML messages related to PHA

6.11.1 ConfirmTask *(for CBs only)*

6.11.2 GetAccount

6.11.3 GetCreditLine

6.11.4 LiquidityCreditTransfer

- 6.11.5 **ModifyStandingOrder**
- 6.11.6 **ReturnAccount**
- 6.11.7 **ReturnCreditLine**
- 6.11.8 **RevokeTask** (*for CBs only*)

7 Annexes

1 Introduction

1.1 General information

This document aims at presenting a detailed description of the XML messages used by the SSP for different purposes:

- Application-to-application mode (A2A) of the Information and Control Module (ICM)
- Distribution of the TARGET2 directory
- Ancillary System Interface (for Ancillary Systems only)
- Special purposes of CBs (e.g. download “raw data file”)

The main addressees for the information provided are developers who intend to design an application supporting the XML interface of SSP.

In chapter 2 a general description is given on “how to use the SWIFTNet Services” in SSP. Chapter 3 contains a list of the error codes used in A2A. Chapter 4 provides an overview of the XML messages and in chapter 5 the “work as” and “act on behalf scenario” is explained. The payload of XML messages supported by the different modules is described in chapter 6. In addition to the description at minimum an example is provided for each XML message. Chapter 7 provides additional information on “XML messages and user roles” as well as on “Connection to ICM – requirements for proprietary home accounting applications (PHA)”.

Beside this document developers and architects should also use SWIFTNet reference documentation published by SWIFT, e.g.

- SWIFTNet Service Description
- SWIFTNet Design Guide
- SWIFTNet Link Interface
- SWIFT Standards Handbook

Additional documentation related to connectivity and network topics is provided on the SWIFTNet Link Software Developer’s Toolkit CR-ROM which is available from SWIFT.

1.2 Compliance with SWIFT standard

As far as possible, S.W.I.F.T. Cash Management or Payment Initiation Standard compliant messages are used by the SSP. This is true for business and technical XML messages.

S.W.I.F.T. standardised XML messages cover all likely business cases within a payment system in order to ease the data exchange between different payment systems. The SSP subscribes as far as possible to the S.W.I.F.T. standard messages.

Since the SSP covers just a part of the comprehensive business cases defined in the S.W.I.F.T. standards, only a subset of the S.W.I.F.T. XML standard is implemented by SSP. SSP provides XML schema files that are S.W.I.F.T. standard compliant. In these schema files the unused elements are removed.

The SSP supports two versions of schema-files within A2A mode (downward compatibility):

Due to customer related requirement and for smooth transition reasons the SSP will be able to support in parallel both versions of the Cash Management Standards releases: the **current** CAMT version 3.0 and the new CAMT version 4.0 (CAMT. Release 11/2008).

The former version 2.0 will be **not** supported any more from the implementation of the November 2008 release.

All responses on a customer's request delivered by the SSP will be sent in the same standard as the original request, i.e. a request sent in CAMT 3.0 will lead to a response in CAMT 3.0 and a request sent in CAMT 4.0 will be answered with a response in CAMT 4.0.

The documentation within Book 4 is based on the new CAMT version 4.0. The documentation of version 3.0 can be found in the prior version 2.3 of Book 4.

The version number of the single CAMT message is not in every case concurrent with the CAMT Release number. The published lower version number belongs to CAMT Release 3.0 and higher version number belongs to Release 4.0.

Example:

ssp.pm.GetReservation\$camt.046.001.01.xsd → belongs to CAMT version 3.0

ssp.pm.GetReservation.camt.046.001.02.xsd → belongs to CAMT version 4.0

The following messages of the Cash Management Standards 2.0 will be **no longer** valid with the implementation of the SSP Release V2.0 (November 2008):

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The SSP aims to be compliant with the SWIFT Cash Management standard of XML messages. Nevertheless it was necessary in some cases to define so called SSP proprietary messages.

HAM

- [ssp.ham.CancelTransaction\\$camt.008.001.02](#)
- [ssp.ham.GetAccount\\$camt.003.001.02](#)
- [ssp.ham.GetTransaction\\$camt.005.001.02](#)
- [ssp.ham.ModifyTransaction\\$camt.007.001.02](#)
- [ssp.ham.ReturnAccount\\$camt.004.001.02](#)
- [ssp.ham.ReturnTransaction\\$camt.006.001.02](#)

PHA

- [ssp.pha.GetAccount\\$camt.003.001.02](#)
- [ssp.pha.ReturnAccount\\$camt.004.002](#)

PM

- [ssp.pm.CancelTransaction\\$camt.008.001.02](#)
- [ssp.pm.DeleteLimit\\$camt.012.001.02](#)
- [ssp.pm.GetAccount\\$camt.003.001.02](#)
- [ssp.pm.GetLimit\\$camt.009.001.02](#)
- [ssp.pm.GetTransaction\\$camt.005.001.02](#)
- [ssp.pm.ModifyLimit\\$camt.011.001.02](#)
- [ssp.pm.ModifyTransaction\\$camt.007.001.02](#)
- [ssp.pm.ReturnAccount\\$camt.004.001.02](#)
- [ssp.pm.ReturnLimit\\$camt.010.001.02](#)
- [ssp.pm.ReturnTransaction\\$camt.006.001.02](#)

RMM

- [ssp.rmm.GetAccount\\$camt.003.001.02](#)
- [ssp.rmm.ReturnAccount\\$camt.004.001.02](#)

SDM

- [ssp.sdm.ModifyLimit\\$camt.011.001.02.xsd](#)

SFM

- [ssp.ham.GetAccount\\$camt.003.001.02](#)
- [ssp.ham.GetTransaction\\$camt.005.001.02](#)
- [ssp.ham.ReturnAccount\\$camt.004.001.02](#)
- [ssp.ham.ReturnTransaction\\$camt.006.001.02](#)

CM (messages related to the Contingency module responsibility FIT/DIT)

- [ssp.cm.GetAccount\\$camt.003.001.02.xsd](#)
- [ssp.cm.GetTransaction\\$camt.005.001.02.xsd](#)
- [ssp.cm.ReturnAccount\\$camt.004.001.02.xsd](#)

Alignment of XML tag name in the messages XML tag

Old approach for the maintenance of a message (Version 3.0)

Schema filename: \$camt.004.001.03.xsd
Request Type: camt.004.001.03
URN: :urn:swift:xsd:\$camt.004.001.03
Document Content <doc><camt.004.001.03>....

Changes related to the new approach for the maintenance of a message (Version 4.0)

Schema filename: camt.004.001.04.xsd
Request Type: camt.004.001.04
URN: :urn:swift:xsd:camt.004.001.04
Document Content <doc><RtrAcct>

Gelöscht: ¶
¶

1.3 Availability of XML schema files

To ease the work of developers and architects and to support them in validating the XML messages used by the application they designed,

- XML sub-schema files for messages belonging to the cash management standard and payment initiation of SWIFT
- Schema files for the so called SSP proprietary messages

are published on the TARGET2 website:

<https://target2.ecb.int>

They cover all XML messages used by SSP.

Notes:

- (1) *The website is password protected. Please contact the Central Bank in your country to receive user-ID and password to have access.*
- (2) *The URN was removed from the XML sub-schema files due to legal objections raised by SWIFT. Therefore the namespace is not indicated in the TARGET2 sub-schema files, but it is mandatory to create a valid XML message.*

If XML messages are validated against the sub-schema files it will be necessary to insert the URN into the sub-schema files. THIS HAS TO BE DONE BY THE PARTICIPANT HIMSELF.

In the following example the part that has to be inserted into the sub-schema file is highlighted:

(3) Sample for version 4.0

QUOTE...

<Document xmlns="urn:swift:xsd:camt.008.001.04">

<CdtTx>

<MsgId>

<Id>ABCDEFGHJKLMNOPQRST1234</Id>

</MsgId>

...

UNQUOTE

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Gelöscht:	\$
Gelöscht:	3
Gelöscht:	<camt.008.001.03>

(4) Sample for version 3.0

QUOTE ...

<Document xmlns="urn:swift:xsd:camt.008.001.03">

< camt.008.001.03>

<MsgId>

<Id>ABCDEFGHIJKLMNQRST1234</Id>

</MsgId>

...

UNQUOTE

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Hint: The message name to be inserted can be taken from the line below the line the URN has to be inserted..

1.4 ICM timezones

1.4.1 Messages sent from SSP

Usually, the current time zone of SSP is indicated in the XML messages sent from SSP together with the date, time or date Time format.

The time zone is not indicated with some XML elements particularly defined in the XSD schema file.

The offset for the transformation from the SSP time indication to the customer local time is the local time zone of the customer minus the time zone indication in the message sent from SSP.

1.4.2 Messages sent to SSP

The time zone indication is optional in the XML messages sent to SSP. If no time zone is indicated the time zone used by SSP is the current time zone UTC+1 or UTC+2.

If a time zone is indicated in the message sent to SSP, SSP transforms the time indication to the current time used by SSP. The offset is the current time zone used by SSP minus the time zone indication in the message sent to SSP.

1.4.3 Time Zone Indication

The following table shows the valid formats for certain data types used in the XML messages exchanged between a customer application and SSP:

Data type	Format	Examples
date	yyyy'-mm'-'dd(zzzzzz)?	2007-11-19 2007-11-19+01:00
time	hh':mm':ss(zzzzzz)?	12:30:45.999 12:30:45.999+01:00
dateTime	yyyy'-mm'-'dd'T'hh':mm':ss('s+')(zzzzzz)?	2007-11-19T12:30:45.999 2007-11-19T12:30:45.999+01:00

Where zzzzzz is "+01:00", when daylight saving is not observed, or "+02:00", when daylight serving is observed (summer time).

Links:

- More details on XML datatypes can be found on www.w3.org/TR/xmlschema-2
- General information on timezones are available at en.wikipedia.org/wiki/Timezone

1.5 Character Set

The A2A mode supports the full S.W.I.F.T “x” character set and additionally the following characters: * @ ! . Exclusion if the single XML element is restricted to a character subset within the “xsd” schema file.

The user of the A2A approach is committed to support and to use the above mentioned characters. In case of using of not supported characters, SSP will generate a “General system error”.

Due to the fact that the cash management standard messages are based on the UNIFI (ISO 20022) XML messages (especially regarding free text fields) will allow for the full range of global language requirements (UTF-8), which is broader than the S.W.I.F.T. “x” character set, the user of the A2A approach is obliged to use only the mentioned enriched S.W.I.F.T “x” character set.

2 How to use the SWIFTNet Services

The following sections provide information on how to use the SWIFTNet InterAct and SWIFTNet FileAct services. The SWIFTNet services are applied in different communication protocols and relationships:

- Pull Mode (Real-Time Protocol)
 - Standard A2A message exchange
 - Download of the TARGET2 directory (full version)
 - Download of the TARGET2 directory (delta version)
 - Download of the “raw data file” (for Central Banks only)
- File Upload (Store-and-Forward)
 - Ancillary System Interface (ASI)
- Push Mode (Store-and-Forward)
 - Applied for ASI
 - Provisioning of the TARGET2 directory (delta-version)
 - Provisioning of the “general ledger file”

2.1 Pull Mode (Real-Time Protocol)

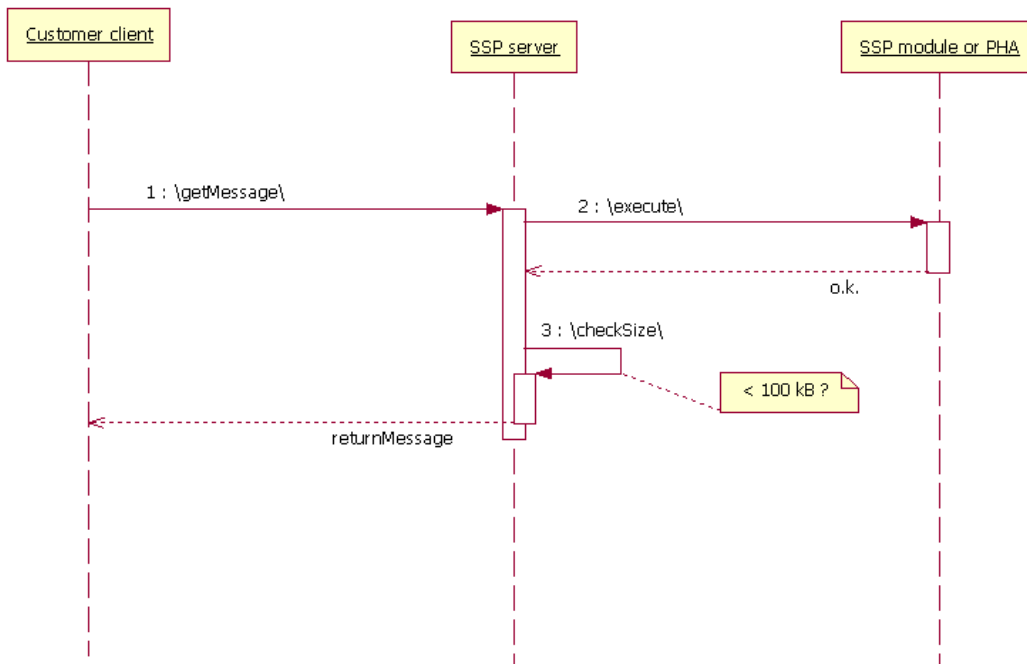
SSP is a service provider who processes small requests sent by an application (customer client) and returns responses to it. The responses are either messages or files.

2.1.1 Synchronous SWIFTNet InterAct requests

The transfer of messages from SSP to the customer is initiated on request of the customer's application (pull mode).

The communication follows the client/server model. SSP processes the requests sent by the customer client application. Requests will synchronously be answered with a response.

The following flow chart illustrates the normal course of operations:



1. The customer client sends a SWIFTNet InterAct request.
2. The request is forwarded to the internal SSP module or PHA.
3. If the size will be below the SSP message size limit of 100 kB, the server will returns a SWIFNet InterAct response. The response may contain one of the following messages:
 - The requested business data – as response to information requests
 - A technical confirmation message, that the request is forwarded to the SSP module or PHA – as response to control requests
 - A technical error message – as response to all types of requests

Note: If the size exceeds the SSP message size limit of 100 kB the “oversized data management” will apply (see UDFS book 4, version 2.4, chapter 2.1.3).

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The technical error messages may require subsequent actions to clear the situation. These actions are in particular related to the following issues:

- Timeout management (see UDFS book 4, version 2.4, chapter 2.1.2)
- Oversized data (see UDFS book 4, version 2.4, chapter 2.1.3)
- Error codes (see UDFS book 4, version 2.4, chapter 3)

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2.1.2 Timeout management

As defined by SWIFT, the execution time of a SWIFTNet InterAct request and SWIFTNet FileAct request is limited to 60 sec. If the execution is not finished within that period of time, the transmission will be automatically interrupted by the SWIFTNet and SWIFTNet will return an error message to the customer client.³

Common rule: In case of an error SSP will return the appropriate Return message. This behaviour is also conferrable for "oversized data management" and "timeout management". If the request is a Get message the corresponding Return message will be performed (e.g. GetTransaction – ReturnTransaction).

If the request is e.g. ModifyReservation the corresponding Return message (Receipt) will be performed.

In case of a "timeout" this is indicated with status code "1001" in element "StsCd" or "**Err**" (depending on the message type). The reference to the subsequent query is indicated with elements "BizQryRef", "**Rltd**" or "RltdRef" (depending on the message type). SSP will return the appropriate ReturnMessage as response.

Gelöscht: ErrCd

Gelöscht: Rela

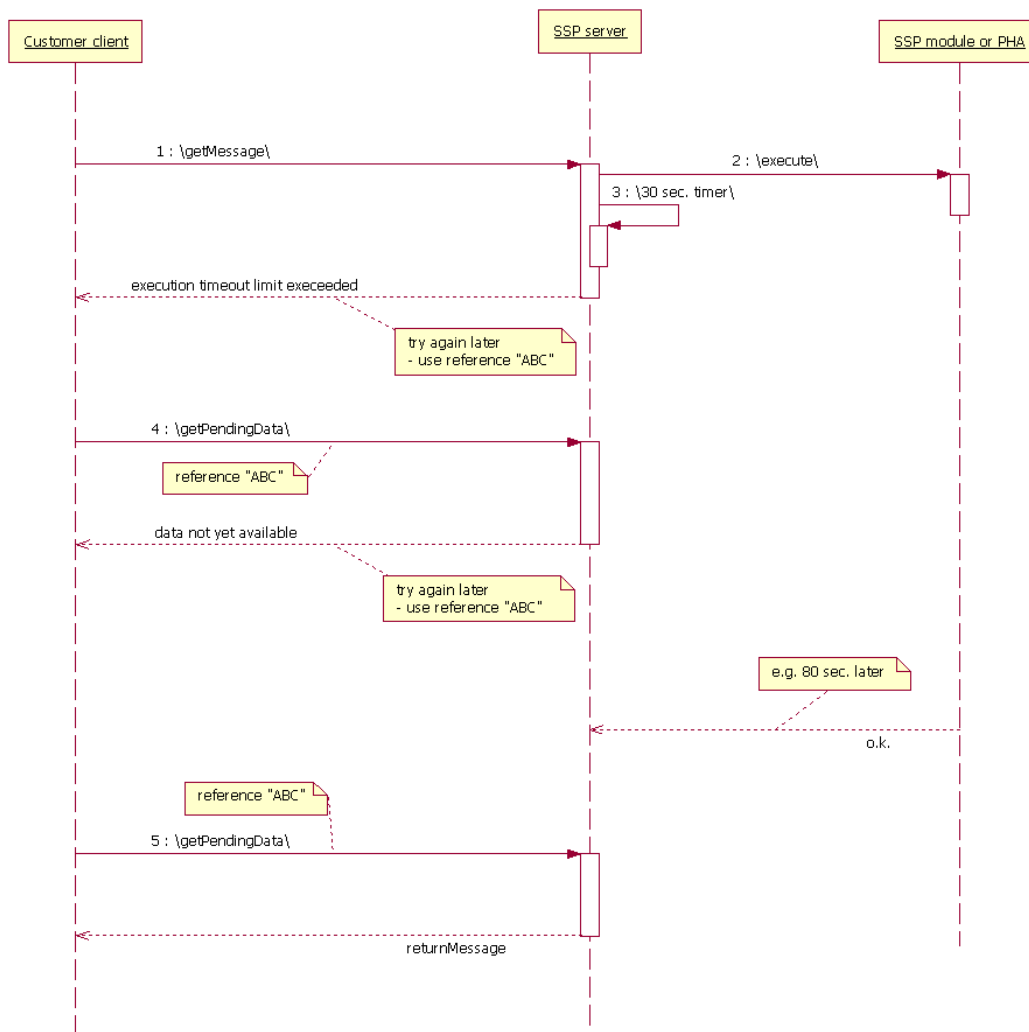
To heal the SWIFTNet timeout limit, SSP offers an effective protocol.

SSP defines a timeout limit that anticipates the SWIFTNet timeout limit. If the processing of a certain request takes longer than the SSP timeout limit, an automatic changeover to an asynchronous protocol will be required. The asynchronous protocol ensures, that all requested data can be retrieved properly.

The SSP timeout limit is considerably lower than 60 seconds.

³ Please note: New functionality of the modification of several limits (ModifyLimit request) and deletion of all current limits (via DeleteLimit) may cause a timeout situation if a huge number of bilateral limits is affected.

The following sequence diagram illustrates the timeout management protocol:



1. The customer client sends a SWIFTNet InterAct request.
2. The request is forwarded to the internal SSP module or PHA. The processing time exceeds the SSP timeout limit.
3. If the server cannot respond to the request within the timeout limit (e.g. 30 seconds), a SSP timeout message with status code 1001 will be sent as response. The timeout status message includes the related reference for the later access to the data.

4. After a delay, a subsequent SWIFTNet InterAct request may be sent by the customer client with the related reference to retrieve the pending data. If the data is still not available, a message with status code 1002 that states that the data is not yet available is returned to the customer client.
5. Repetition of 4.: After a delay, a subsequent SWIFTNet InterAct request may be sent by the customer client with the same related reference as in 4 to retrieve the data. If the data are available, it will be returned as a SWIFTNet InterAct response to the customer client.

The repetition is possible up to a second timeout. After the second timeout the data is no longer available. Then each request for the pending data will be returned with status code 1005.

The delay between step 3 and step 4 is the choice of the customer client application.

Parameters

Parameter	Value
SSP timeout limit	e.g. 30 sec. ¹
max. SSP timeout limit/ SWIFTNet timeout limit	60 sec. ²
Second timeout limit	600 sec. ⁴

¹ This parameter is variable and will be tuned to the maximum depending on operating experience

² This parameter is fixed by the SWIFTNet technical specification

⁴ This parameter is variable and might be modified depending on operating experience

2.1.3 Oversized data management

As defined by SWIFT, SWIFTNet InterAct limits the payload to 100 kB⁵. Messages with a bigger volume are automatically blocked by the SWIFTNet.

The size restriction has consequences for a) customer requests and b) SSP return messages.

Messages sent by customer applications that may breach the size limit (currently only in case of ModifyLimit [from version 4.0] possible for the reason of allowed unbounded repetition of LimitDetails) have to be checked for their size before transmission to SWIFTNet.

If the size limit would be breached the request has to be divided into as many parts as necessary to obey the restriction. Compression of requests is not supported.

On SSP side, to avoid the size restriction of SWIFTNet InterAct, SWIFTNet FileAct is applied for the download of oversized data.

Gelöscht: T

SSP checks the size of the response. If compression of responses is arranged with SSP the decisive size is the size of the message after compression. If the size of the response exceeds the SSP message limit⁶, an automatic changeover to SWIFTNet FileAct is offered. The use of SWIFTNet FileAct ensures, that all requested data can be retrieved properly.

Common rule: In case of an error SSP will return the appropriate Return message. This behaviour is also conferrable for "oversized data management" and "timeout management". If the request is a Get message the corresponding Return message will be performed (e.g. GetTransaction – ReturnTransaction).

If the request is e.g. ModifyReservation the corresponding Return message (Receipt) will be performed.

In case of a "oversized Message size limit exceeded" this is indicated with status code "1003" in element "StsCd" or "Err" (depending on the message type). The reference to the subsequent query is indicated with elements "BizQryRef", "Rltd" or "RltdRef" (depending on the message type). SSP will return the appropriate ReturnMessage as response.

Gelöscht: ErrCd

Gelöscht: Rela

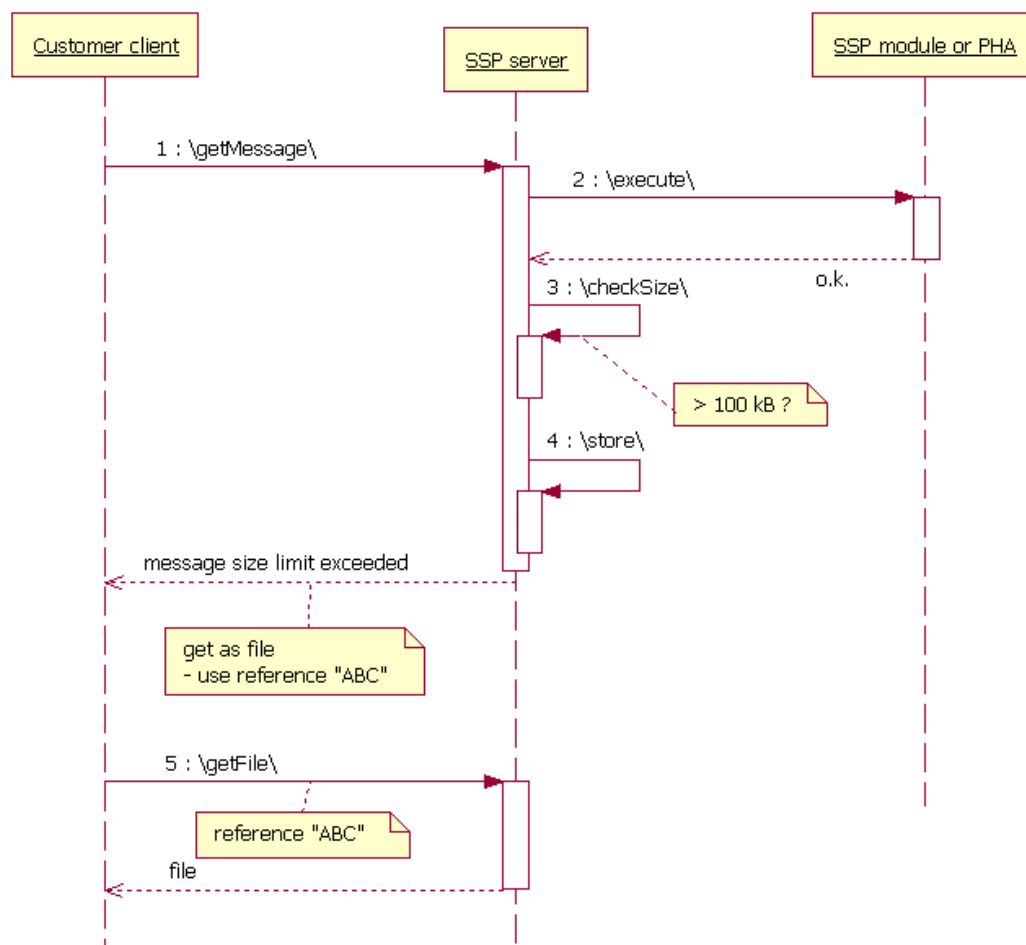
⁵ The exact value is 99.953 Byte minus the <ResponsePayload> tag.

⁶ The SSP message size limit must not exceed the maximum message size for SWIFTNet InterAct. It is currently in line with the maximum size for messages exchanged using SWIFTNet InterAct.

SWIFTNet FileAct has a size limit as well. The absolute maximum amount of data that can be retrieved with one request from the SSP server is the SWIFTNet FileAct limit.

Gelöscht: -----Seitenumbruch-----

The following sequence diagram illustrates the oversized data management protocol:



Gelöscht: ¶
¶

1. The customer client sends a SWIFTNet InterAct request.
2. The request is forwarded to the internal SSP module or PHA.
3. The size of the response is checked.
4. If the size of the response is too large for transport with SWIFTNet InterAct, a file will be created and stored and a message with status code 1003 will be sent as response. The size status message includes the related reference for the later access to the file.
5. A subsequent SWIFTNet FileAct request is sent by the customer client with the related reference as file name (Sw:LogicalName) to retrieve the data. SSP checks the authorisation: The SWIFTNet FileAct request must be sent with the same DN as the initial SWIFTNet InterAct request. Then, the data will be returned as a file via SWIFTNet FileAct to the customer client.

Gelöscht: T

Gelöscht: ¶

Parameters

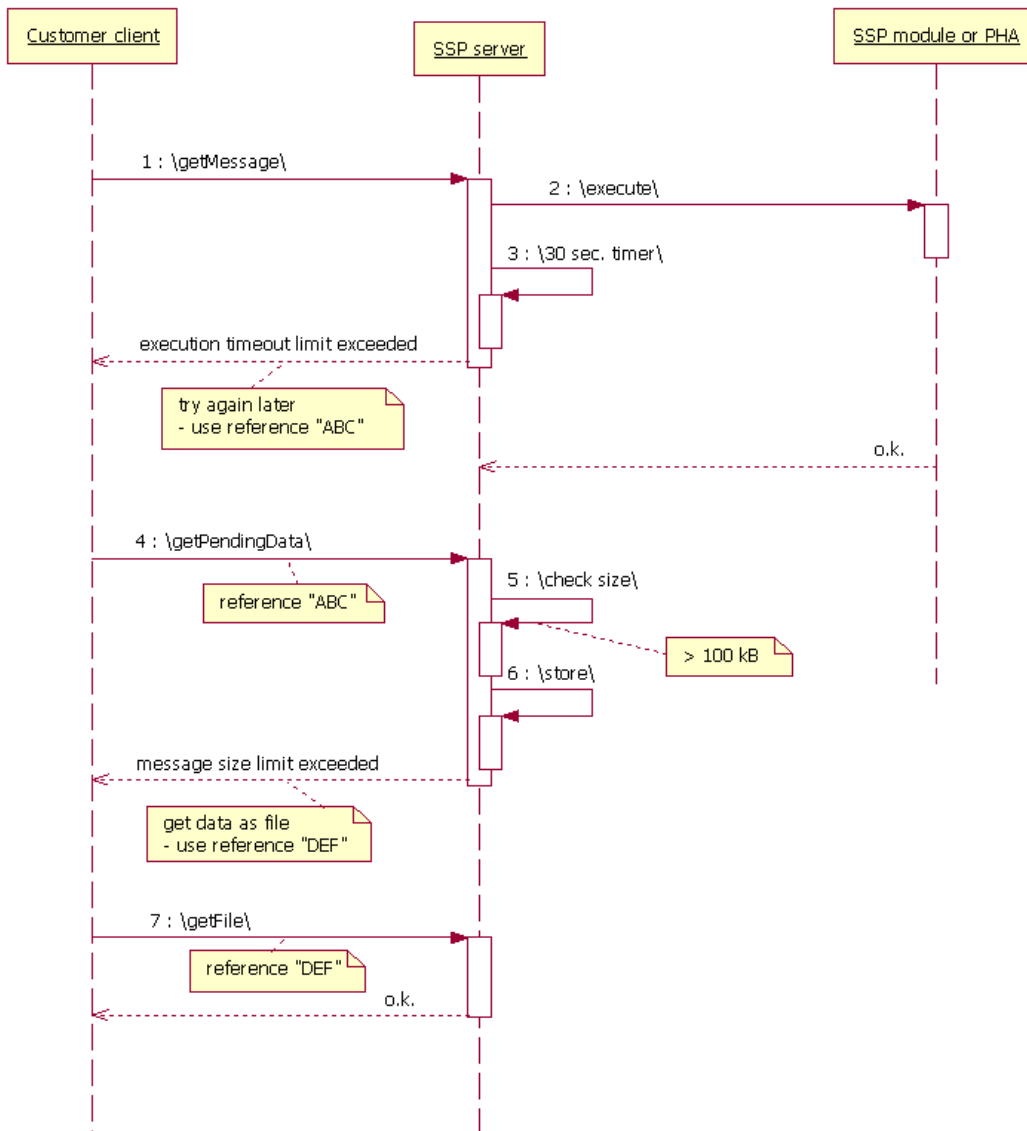
Parameter	Value
SSP message size limit	100 kB ^{1,2}
SWIFTNet FileAct size limit	250 Mbyte ²

¹ The SSP message size limit can be decreased by SSP.

² This maximum value is fixed by the SWIFTNet technical specification.

2.1.4 Timeout management in combination with oversized data

The following sequence diagram illustrates the combination of the timeout management and oversized data management protocol:



1. The customer client sends a SWIFTNet InterAct request.
2. The request is forwarded to the internal SSP module or PHA.
3. If the server can not respond to the request within a fixed period of time a timeout status message will be returned as response. The timeout status message includes the related reference for the later access to the data.

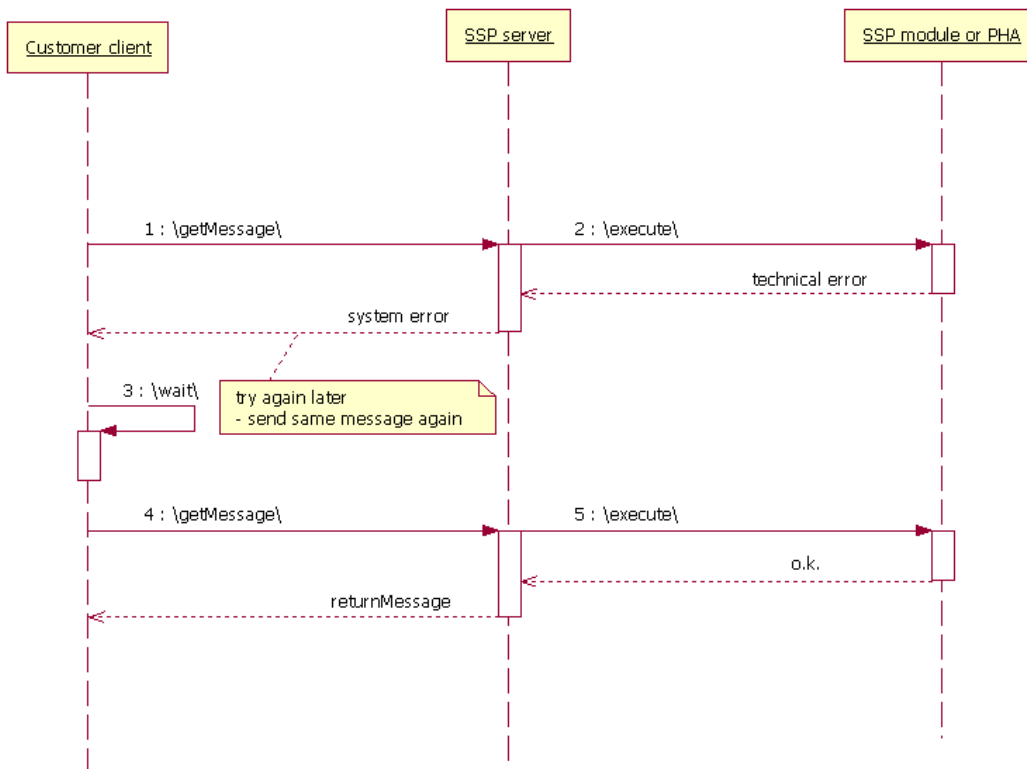
4. A subsequent SWIFTNet InterAct request is sent by the customer client with the related reference to retrieve the data with SWIFTNet InterAct.
5. If the data is available and SSP detects that the size of the data is too large for the transport with SWIFTNet InterAct, an size status message will be returned as response. The size status message includes the related reference for the later access to the data.
6. The data is put to a file and the file is stored at SSP site for later retrieval.
7. A subsequent SWIFTNet FileAct request is sent by the customer client with the related reference to retrieve the file. SSP checks the authorisation: The SWIFTNet FileAct request must be sent with the same DN as the initial SWIFTNet Interact request. Then
the data will be sent as a file via SWIFTNet FileAct to the customer client.

Gelöscht: T

2.1.5 System errors

It is not always possible to process a message at SSP site. Internal technical errors may result to a rejection of a message. If a request cannot be executed, an error message will be returned to the customer. Then the customer is advised to wait a short time and to send the same message again.

The following sequence diagram illustrates the course of operation:



1. The customer client sends a SWIFTNet InterAct request.
2. The request is forwarded to the internal SSP module or PHA. Due an internal technical error, the request cannot be executed.
3. The customer waits 1-2 minutes.
4. The customer client sends the same SWIFTNet InterAct request again.
5. The request is forwarded to the internal SSP module or PHA. The request can be executed now.

2.1.6 Technical compression

If arranged between the user and SSP, large messages will be compressed with a standard technical compression algorithm before transmission. The advantage is that transmission fees are reduced to a minimum. To read the data, it is necessary to decompress the compressed messages at the customer site.

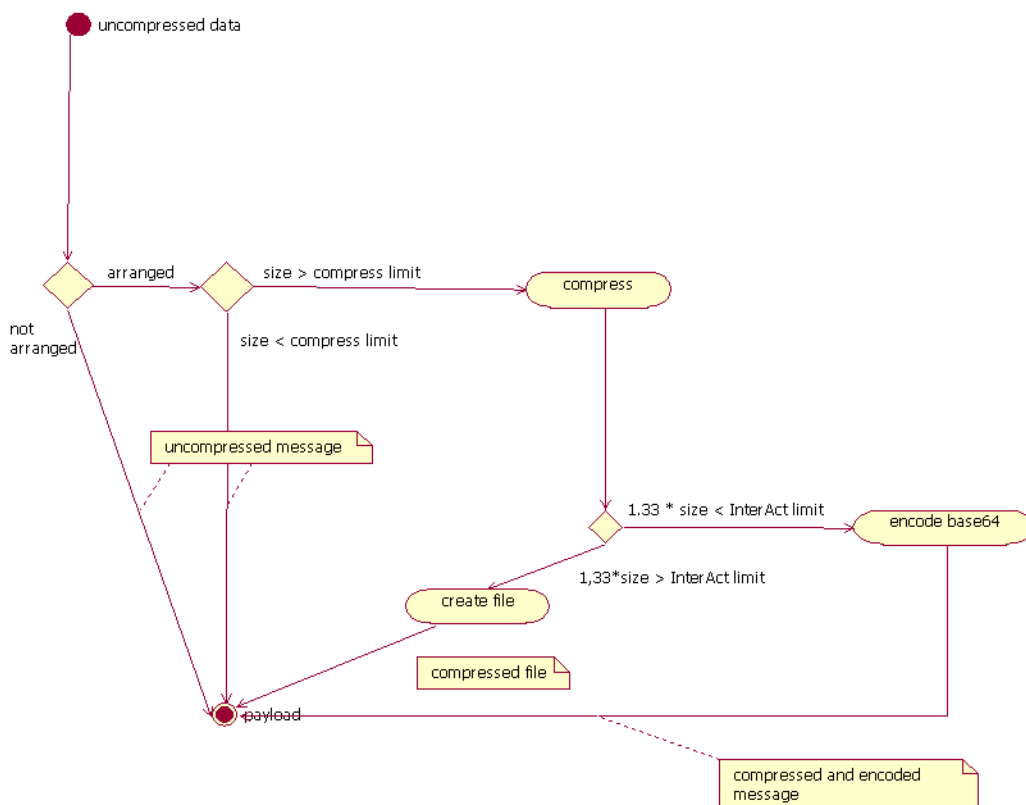
Files are only compressed, if it is opted to receive between SSP and the participant.

If the file is compressed, the archive of SSP contains SSP data (ApplicationHeader and document) only. SWIFT's SwInt:ExchangeResponse is not included in the archive of SSP.

Files are not Base64 encoded. Only compressed InterAct messages are encoded. The decompression results to SSP relevant data (ApplicationHeader and document) only without SwInt:ResponsePayload.

SSP defines a compression size limit. A returned message that exceeds this limit will be compressed (see chapter 2.1.6.2 Parameters), precondition is that a compression between SSP and A2A-Participant is arranged.. Due to protocol overhead, the very small messages will not be compressed. If the compressed data exceeds the SSP message size limit, it will be provided as file.

The following activity diagram illustrated the compression algorithm:



2.1.6.1 Technical note

Compressed data transmitted via SWIFTNet InterAct is Base64 encoded. This is necessary because of the valid character set of this SWIFTNet service. The Base64 encoding enlarges the compressed data by 33 %. The Base64 encoding will not be used for the transmission of compressed data via SWIFTNet FileAct.

2.1.6.2 Parameters

Parameter	Value	
Compression algorithm	ZIP	
Compression size threshold	2kB	
Requests	<i>no compression</i>	
Encoding	SWIFTNet InterAct	Base64
	SWIFTNet FileAct	<i>no encoding</i>

2.1.6.3 Implementation remark

The ZIP decompression is supported by libraries, which are available as shareware:

Link for download: <http://www.winimage.com/zLibDll/>

2.1.6.4 Detailed description of technical data compression

2.1.6.4.1 Scope

Technical compressed data can be send by the SSP server to the customer client application as response to all SWIFTNet InterAct and SWIFTNet FileAct requests.

2.1.6.4.2 Usage

SWIFTNet InterAct: The compressed message is the payload of the response.

SWIFTNet FileAct: The file content is compressed.

The indication that a response contains a compressed message depends on the SWIFTNet service as follows:

- SWIFTNet InterAct:
 - Element: SwInt:ResponsePayload
 - Attribute: dt
 - Value: "ZIP-Base64"
- SWIFTNet FileAct:
 - Element: Sw:FileInfo
 - Value: "SwCompression=Zip" (recommended by SWIFT)

As the SwCompression keyword is mandatory, in case of a non compressed file:

- Element: Sw:FileInfo
- Value: "SwCompression=None"

2.1.6.4.3 Technical example

A user wants to query the payment queue at the TSSP server site with a *GetTransaction* message. The result of the inquiry is large enough, so that the compression of the message saves SWIFTNet transmission fees.

SSP automatically compresses the message before the transmission.

The user decompresses the response to read the requested message.

2.1.6.4.4 XML example (SWIFTNet InterAct)

```
<SwInt:ResponsePayload dt="ZIP-Base64">  
  eNUpNTs0sKAkdhjk498HGmn4398HNdjGmmrjNBhdkcgGFNZeuGTgtn4  
</SwInt:ResponsePayload>
```

2.1.6.4.5 Namespaces

The XML elements of all incoming and outgoing messages must be associated to an XML namespace⁷. The namespace declaration establishes a link to the XSD schema used for validation. Only elements that are associated to the correct XML namespace can be validated. Incoming messages that are not valid cannot be processed by SSP and will be rejected.

The namespace name of the XML messages must match to the SWIFT standard and indicate the SWIFT standard namespace name. Due to legal objections from SWIFT the customised SSP XSD schema files can not indicate the correct namespace name. In the SSP schema file the correct namespace declaration is omitted. Nevertheless, the XML messages must comply to the customised SSP schema files from a syntactical point of view. They must match as if they would indicate no namespace.

Gelöscht: The SSP XSD schema files use the same namespace name as required by SWIFT.

The namespace must be declared in the start-tag of the first element that is associated to the namespace. These elements are the application header and the business document. The tags are <AppHdr> and <Document>. The namespace declaration is an attribute of these tags.

Examples CAMT version 3.0:

- `<AppHdr xmlns="urn:swift:xsd:$ahV10">`
- `<Document xmlns="urn:swift:xsd:$camt.003.001.03">`

Examples CAMT version 4.0:

- `<AppHdr xmlns="urn:swift:xsd:$ahV10">`
- `<Document xmlns="urn:swift:xsd:camt.003.001.04">`

Namespace prefixes (e.g. "Doc:") may be used in XML messages sent from the user to SSP. But users must be aware that this enlarges the message size what may result to higher transmission fees. SSP will not use a namespace prefix in XML messages sent from SSP to the user.

⁷ An XML namespace is a collection of names, identified by a URI reference, which are used in XML documents as element types and attribute names. (by W3C, "Namespaces in XML", W3C, 14.01.1999)

2.2 File upload (Store-and-Forward)

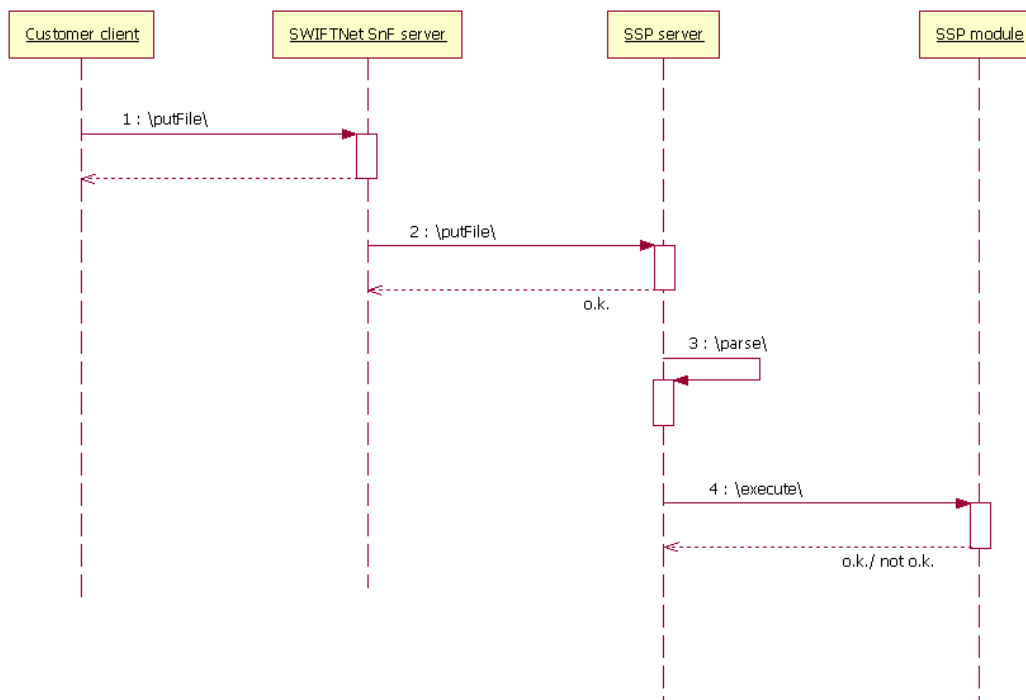
SSP is a service provider who accepts and processes files that are pushed by the customer client application.

2.2.1 Store-and-forward SWIFTNet FileAct requests

The transfer of files from the customer to SSP is initiated on request of the customer client application (file put request).

The customer uploads the file to the store-and-forward server of the SWIFTNet. SSP retrieves the file from there according to the SWIFTNet store-and-forward features. After the receipt the file processing is executed asynchronously: The status of the operation is reported with the task queue protocol (see chapter 2.6 for details).

The following sequence diagram illustrates the course of operations:



1. The customer client sends a put file request to the SWIFTNet store-and-forward server. The SWIFTNet store-and-forward server is available according to the SWIFT service level agreements.
2. If the SSP server is ready to receive a file, the file will be transferred by the SWIFTNet store-and-forward server via SWIFTNet FileAct.
3. The content of the file is parsed by the SSP server.

2.3 Push mode (Store-and-Forward)

The customer processes requests pushed by SSP. The request is either a SWIFTNet InterAct message or a SWIFTNet FileAct file.

Depending on the store-and-forward mode, the customer could be a service provider or a client application.

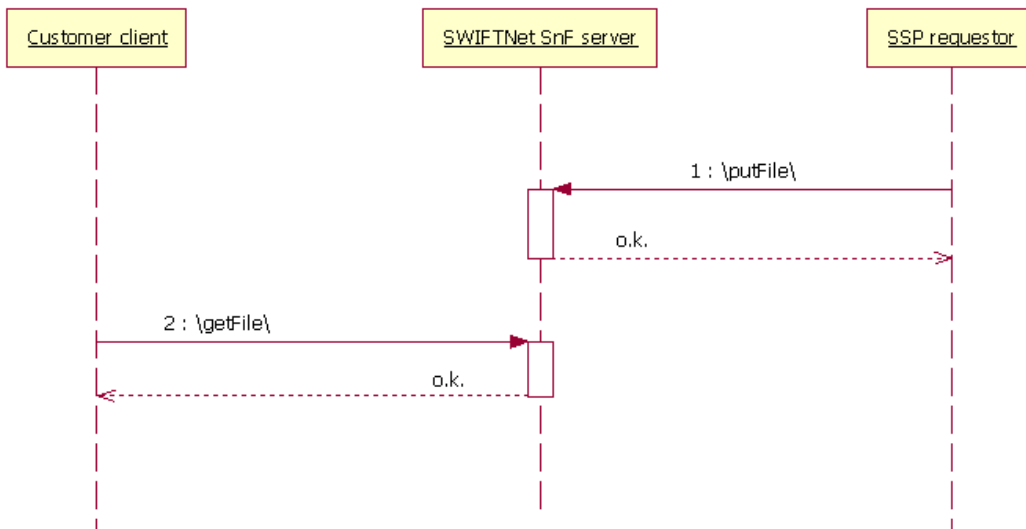
2.3.1 Store-and-forward SWIFTNet InterAct and SWIFTNet FileAct requests

The transfer of message or files from SSP to the customer is initiated on request of SSP (put request).

SSP uploads the message or file to the store-and-forward server of the SWIFTNet as soon as the data is available. A customer application can retrieve the message or file from there according to the SWIFTNet store-and-forward features with one of the following techniques:

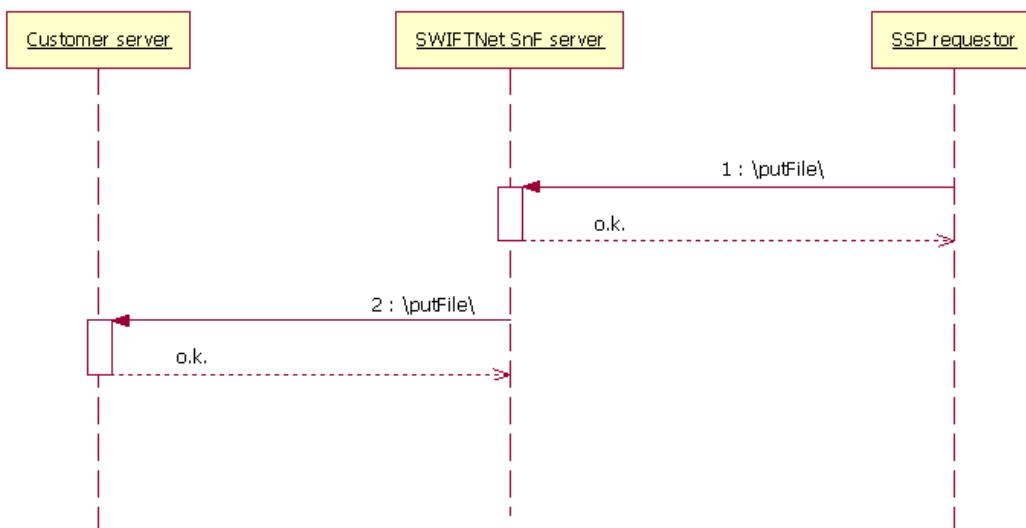
- Polling initiated by the customer client application
- Push initiated by the SWIFTNet store-and-forward server

2.3.1.1 Polling initiated by the customer client application



1. SSP pushes the message or file to the SWIFTNet store-and-forward server.
2. The customer client polls the SWIFTNet store-and-forward server to get the message or file. If no message or file is available, the poll operation will be repeated regularly.

2.3.1.2 Push initiated by the SWIFTNet store-and-forward server



1. SSP pushes the message or file to the SWIFTNet store-and-forward server.
2. The SWIFTNet store-and-forward server forwards the message or file to the customer server application. If the customer server application is not available, the SWIFTNet will store the file according to the SWIFTNet store-and-forward service level agreements. The forwarding of messages already stored by the SWIFTNet store-and-

forward server and not delivered to the customer server application because of its unavailability has anyway to be triggered by the customers. They have to acquire the queues pertaining to the push-mode end-point.

2.3.2 Technical compression

To save transmission fees, large messages and files will be compressed before transmission.

SSP defines a compression size threshold. Every message and file that exceeds this threshold will be compressed. Due to protocol overhead, the very small messages and files will not be compressed.

For technical details please see chapter 2.1.6.

2.4 Provisioning of files

The SSP provides the following files to the users:

- TARGET2 directory
 - o full version (Real Time pull mode⁷)
 - o delta version (Real Time pull mode or Store and Forward push mode⁸)
- General ledger file (for CBs only - Store and Forward push mode⁷)
- Raw data file (for CBs only - Real Time pull mode⁷)
- Information related to the "End of Period Interest"
- CRSS files: Invoicing and billing, Intraday credit info, Statistical Framework, Eurosystem and Legal Archiving retrieval
- Files generated by the oversized management process

Note: To have details about the files payload, please have a look at UDFS book 1 (TARGET2 directory and oversized data files) and UDFS book 3 (other files). The latter one is available for CBs only.

For provisioning of the above mentioned files the generic functionality of the SWIFTNet FileAct service is used. All information needed on a technical level is provided in the standard documentation of SWIFT ("SWIFTNet Service Design Guide").

The service and the mandatory request type used for each category of file are listed below.

The services trgt.papss and trgt.crss are real time services, trgt.sfpapss and trgt.sfcrss are store and forward services. In the Customer test environment the related services are trgt.papss!p, trgt.sfpapss!p, trgt.crss!p and trgt.sfcrss!p.

⁸ Store & Forward : the ICM server will deliver the file to Swift S&F in due time. Afterwards, it will be up to each participant/CB to organize the download of this file from the Swift S&F server (pulling on initiative of the participant/CB or pushing at the initiative of Swift S&F)

2.4.1 CB traffic: statistical data & general ledger

Category	Service	Request type
statistical application	trgt.papss	admi.xxx.target2.statzzz
general ledger	trgt.sfpapss	admi.xxx.target2.glyyy

Where zzz = pmm, ham, sfm, rmm, com and yyy= pmm, ham, sfm, com¹⁴

2.4.2 Directory distribution/downloads

Category	Service	Request type
Directory update	trgt.papss	reda.xxx.target2.dirupdate
Full directory	trgt.papss	reda.xxx.target2.dirfull
Directory update	trgt.sfpapss	reda.xxx.target2.dirupdate

The service trgt.papss is used for the “pull mode” and trgt.sfpapss for the “push mode” (see UDFS book 1 Chapter 9.3.3)

2.4.3 End of period Interest

Category	Service	Request type
End of period interest	trgt.sfpapss	camt.xxx.target2.epi
End of period interest and fulfilment of compulsory reserve	trgt.sfpapss	camt.xxx.target2.epicr

2.4.4 CRSS

2.4.4.1 Invoicing Billing

Category	Service	Request type
Invoicing	trgt.crss	admi.xxx.target2.invo

¹⁴ com refers to Contingency module.

Billing	trgt.crss	admi.xxx.target2.bill
---------	-----------	-----------------------

2.4.4.2 ECB info: intraday credit

Category	Service	Request type
Intraday credit info	trgt.scrss	camt.xxx.target2.creditinfo

2.4.4.3 EURO system

Category	Service	Request type
Statistical Framework Eurosystem	trgt.scrss	admi.xxx.target2.stateur

2.4.4.4 Legal Archiving retrieval

Category	Service	Request type
Legal Archiving retrieval	trgt.scrss	admi.xxx.target2.arch

2.4.5 Oversized data mangement process

2.4.5.1 Real time mode

The oversized management process described in UDFS Book 4 paragraph 2.1.3 works as follows:

1. SSP answers to the Request Interact message to inform the client that the requested information is available via File Act. The answer message includes the name of the file to be retrieved by the client application (as it is an InterAct response it has no Request Type);
2. The client application requests the file via a Get File Request;
3. The SSP sends the file to the client application

In case of Oversized Data the following Request types will be used:

Category	Service	Request type
2 - Client Get File message	trgt.papss	camt.xxx.target2.oversdata
3 - File sent by SSP	trgt.papss	camt.xxx.target2.oversdata

2.4.5.2 Store and Forward mode for ASI

For ASI the oversized data management process is executed in asynchronous mode. The InterAct message sent by the user is first acknowledged by the SSP and then later the SSP initiate an answer which is a Store and Forward InterAct Request possibly transformed in a Store and Forward FileAct transfer.

In case of Oversized data the following Request type will be used:

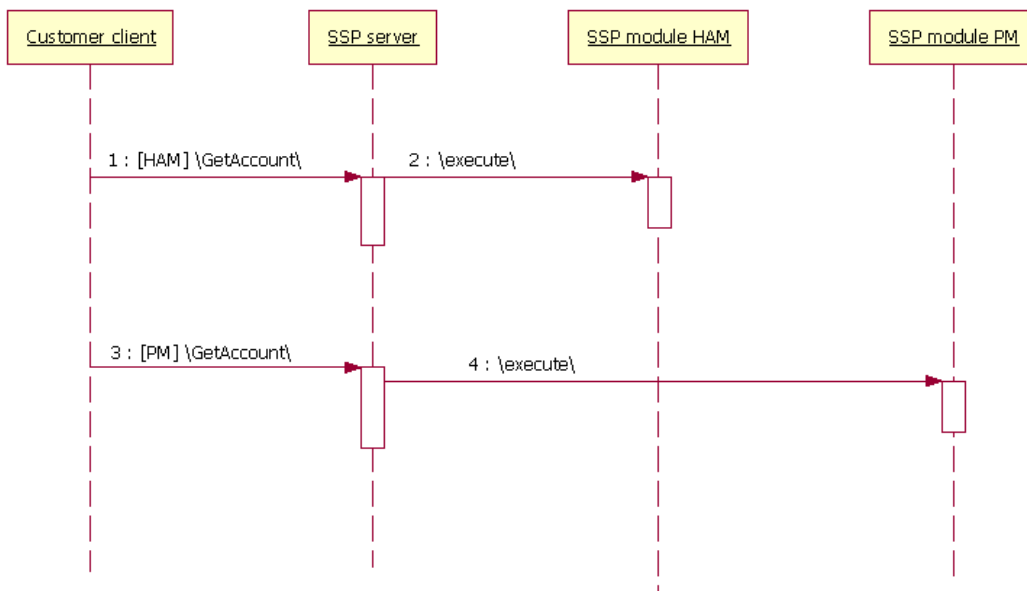
Category	Service	Request type
3 - File sent by SSP	trgt.sfpapss	Same as InterAct message ¹⁵

¹⁵ For ASI InterAct messages transferred via FileAct due to oversized data management, the FileAct request type will be the request type specified for the InterAct message (see UDFS Book 4 [chapt. 4.3 Request Control](#)).

2.5 Internal routing

Some functional and most technical messages are not related to a single module. These messages can be processed by more than one module. Since all external messages are exchanged with the central SSP server, the messages must be addressed to a certain module. The SSP server unpacks the XML messages and executes the request at their final destination.

For the routing of both functional and technical XML messages to the SSP modules, the SWIFT Standard Application Header is applied. The Application Header takes the short name of the module (e.g. HAM, PM, ...). If by accident a message is addressed to the wrong module, the SSP server will return an error message. The Application Header is applied for incoming and outgoing messages.



1. The message is addressed to the HAM module
2. The SSP server executes the message at the HAM module.
3. An identical message is addressed to the PM module.
4. The SSP server executes the message at the PM module.

2.6 Task Queue protocol

This chapter intends to give a general overview of the handling of the task queue. Even in A2A mode there is no “four-eyes-principle” in place the general approach should be transparent because it will be possible to “download” the entries in the Task Queue (including the status of each task) via A2A.

2.6.1 General issues

“Four eyes principle” means, that a task must be confirmed by a second user before it will be executed. Unlike this, a task in “two eyes principle” immediately takes effect on the processing.

The classification whether a task will be executed in “four-eyes-principle” or in “two-eyes-principle” depends on the RBAC roles of the individual user that are granted by the Security Officer of the customer application. The RBAC roles are automatically transferred with each request.

Due to the fact that A2A supports two different CAMT versions of Get/ReturnTask, the interaction between request and response message will look in the following way:

Interaction CAMT version 3.0:

Request GetTask <camt.998.001.01> [means CAMT version 3.0]

Response ReturnTask <camt.998.001.01> [means CAMT version 3.0] → the included tasks will be based on the messages, which belongs to version 3.0 regardless, if the original writing operation belongs to the higher version 4.0.

Interaction CAMT version 4.0:

Request GetTask <camt.998.001.02> [means CAMT version 4.0]

Response ReturnTask <camt.998.001.02> [means CAMT version 4.0] → the included tasks will be based on the messages, which belongs to version 4.0 regardless, if the original writing operation belongs to the lower version 3.0.

Recombination of Limit modification in A2A task-queue:

The repetition of several or a list of limit modifications in one request can not be considered in the ReturnTask message. It is not possible to re-combine the different tasks to the original message. Each task is displayed as a separate message. That means that for Limit modification PM and SDM create for each modification a separate task.

2.6.2 Task Queue

The implementation of the “four eyes principle” requires an asynchronous mechanism. All tasks are stored in a task queue, having assigned a changing status, and will be worked of step by step by the SSP module or PHA. No task immediately takes effect on the SSP module or PHA. There is a separated task queue for each SSP module and for PHA.

The following table shows the status a task could take:

Status	Description	Transition possible to
to confirm	The task must be confirmed by a second user and will not be processed.	processing , revoked, rejected
processing	The task is ready to be processed.	waiting, pending, rejected, completed
waiting	The task is processing ing is blocked due to a running algorithm.	pending, rejected, completed
pending	Due to the current processing conditions the task can not be completed. Only relevant for PM.	revoked, rejected, completed
revoked	The task has been revoked by a user.	-
rejected	An error was detected.	-
completed	The task was processed successfully.	-

Gelöscht: ¶

Gelöscht: waiting

Gelöscht: waiting

Gelöscht: can

Gelöscht: .

Gelöscht: processing

Gelöscht: processing

Gelöscht: ed

Gelöscht: at the moment.

Note: Status “waiting” is not envisaged for tasks related to HAM, RM and SF modules.

The task queue serves for the processing of **all** tasks. Tasks to be handled in “four eyes principle” and “two eyes principle” are handled in equal manner.

The status "completed" means all validations by ICM and the related module are successfully processed. In most cases the status "complete" is (more or less) equal to the final processing of the task in the related module. There are only few tasks where the following processing of the task within the module might result in a pending status. Have a close look on the listed tasks "Tasks possibly pending after status completed" below:

Tasks possibly pending after status completed	reason for pending	affected participants in SSP/ probability
Agree payment of excluded participant	<i>if more than one person must approve</i>	CB if acting in 4-eyes modes / exclusion very

Tasks possibly pending after status completed	reason for pending	affected participants in SSP/ probability
		rare
Agree file of an excluded AS	<i>if more than one person must approve</i>	<u>CB if acting in 4-eyes</u> <u>modes / exclusion very</u> <u>rare</u>

Gelöscht: "

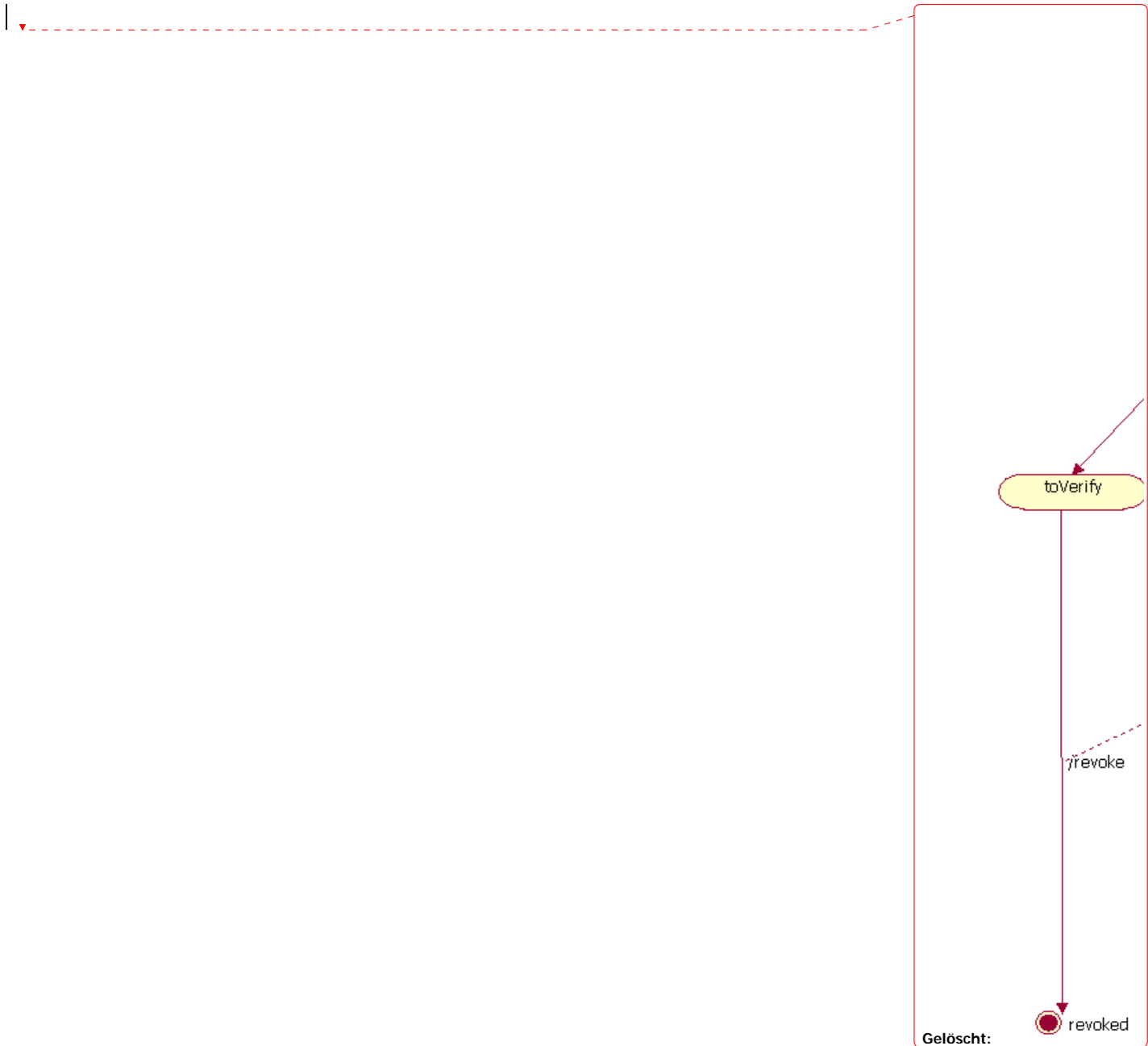
Gelöscht: Backup payment
direct participant

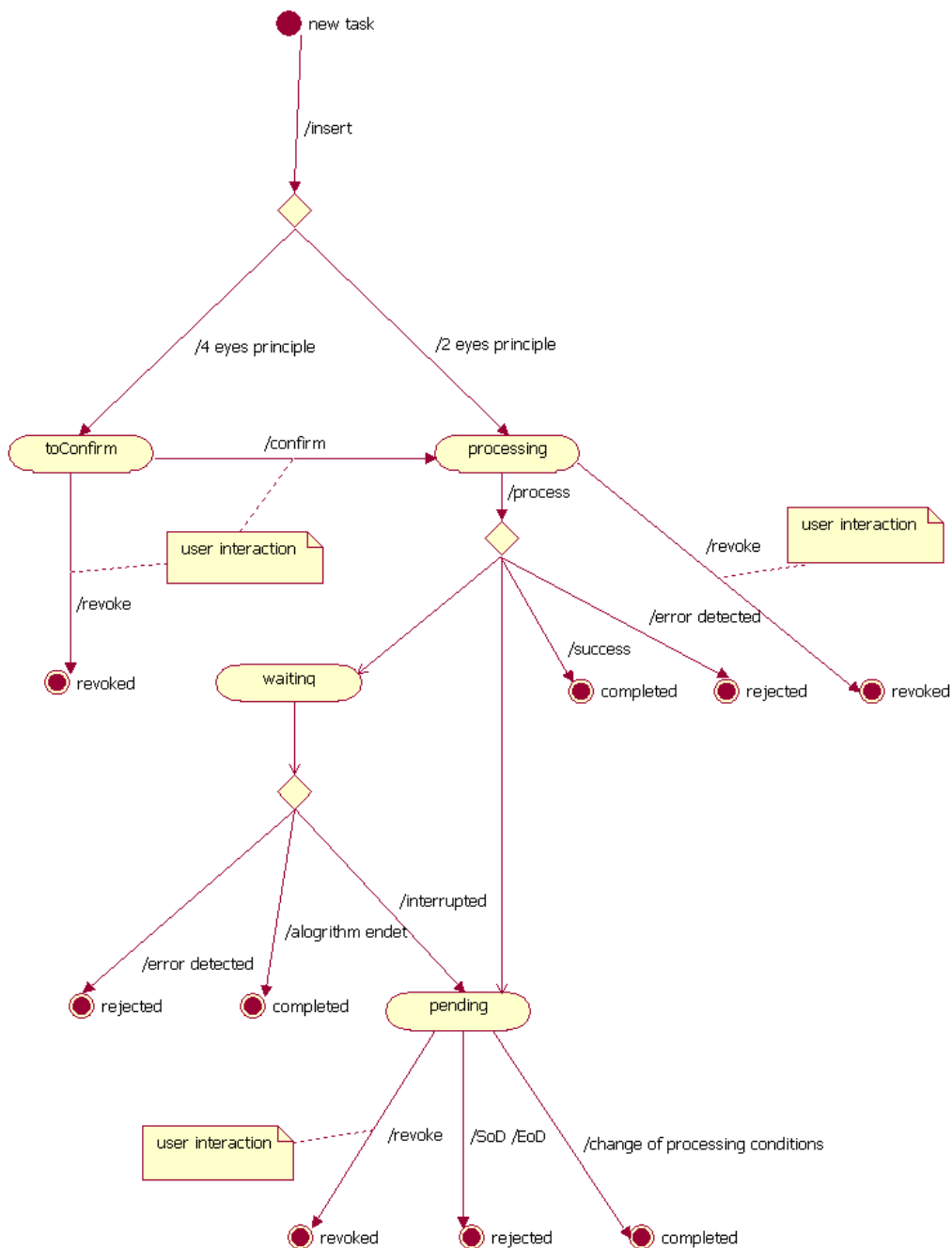
... [1]

2.6.3 Task processing

All tasks are stored in the task queue of the individual modules or PHA. A reference to the task is generated by the SSP module or PHA and returned to the requestor with the response.

The following activity diagram illustrates the status transitions:





When a new task is inserted in a task queue and is to be handled in “four eyes principle”, the task will be assigned the status “toConfirm”. The status “toConfirm” indicates that this request will not be processed and has to be confirmed by a second user of the same institute. When the request is confirmed, the status is set to “processing”. The status “processing” indicates, that the request is ready to be processed.

- Gelöscht: If
- Gelöscht: to confirm
- Gelöscht: to confirm
- Gelöscht: waiting
- Gelöscht: waiting
- Gelöscht: can

When a new task is inserted in a task queue and is to be handled in “two eyes principle”, the task will be immediately assigned the status “processing”.

Gelöscht: waiting

The SSP modules and PHA are ongoing to scan their task queue for tasks in status

“processing”. When a new task is detected, the task will be processed. But if an algorithm is running and the processing of the task is blocked the status of the task will be “waiting”.

However this status will be assigned only for a short time. When the processing conditions

prevent the task from completion the status will be set to “pending”. When anywhere during

the processing a business error is detected, the status of the task is set to “rejected”¹⁶ and if

the task was processed successfully, the status will be set to “completed”.

Gelöscht: waiting

Gelöscht: If

Gelöscht: status of the

Gelöscht: set to “processing” and the task will be processed

Gelöscht: If

Gelöscht: n

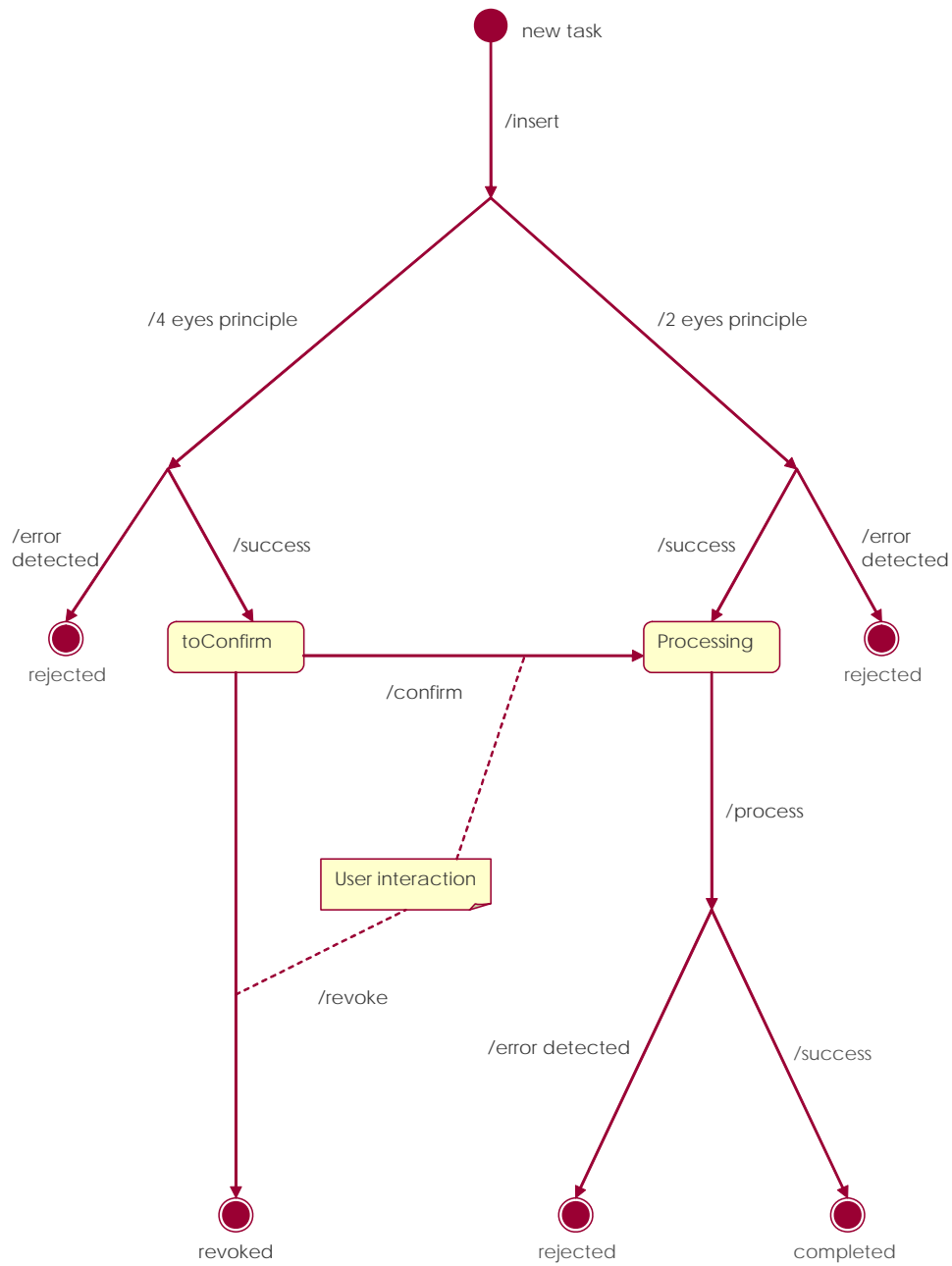
Gelöscht: will

Gelöscht: be

Gelöscht: ¹¹

In case of HAM, RM and SF tasks the status transitions are illustrated by the following activity diagram:

¹⁶ If a technical error is detected, the request will not be stored in the task queue. The request will be rejected in an interactive mode.



2.6.4 User interaction

2.6.4.1 Creation

A task is created by Modify, Cancel and similar messages. A request for modification creates a task in the task queue. Since a message can contain only one modification (except DeleteLimit and ModifyLimit messages), exactly one task is created per message. For the task a Receipt message is returned. The Receipt message contains a technical status code and a reference to the task. A positive Receipt message indicates that from technical point of view everything is fine at that the module accepted the request.

2.6.4.2 Query

The users can query the task queues of the SSP modules and PHA to monitor the processing. A user can enter a selection criterion and read the entries of all users of his institute. Typically a second user, that means not the one who captured the task, queries the task queue for the requests that have to be confirmed. When the status is "rejected" a business error will be reported.

2.6.4.3 Modification

If the status of a task is "toConfirm", the (U2A) user has two opportunities to modify a task:

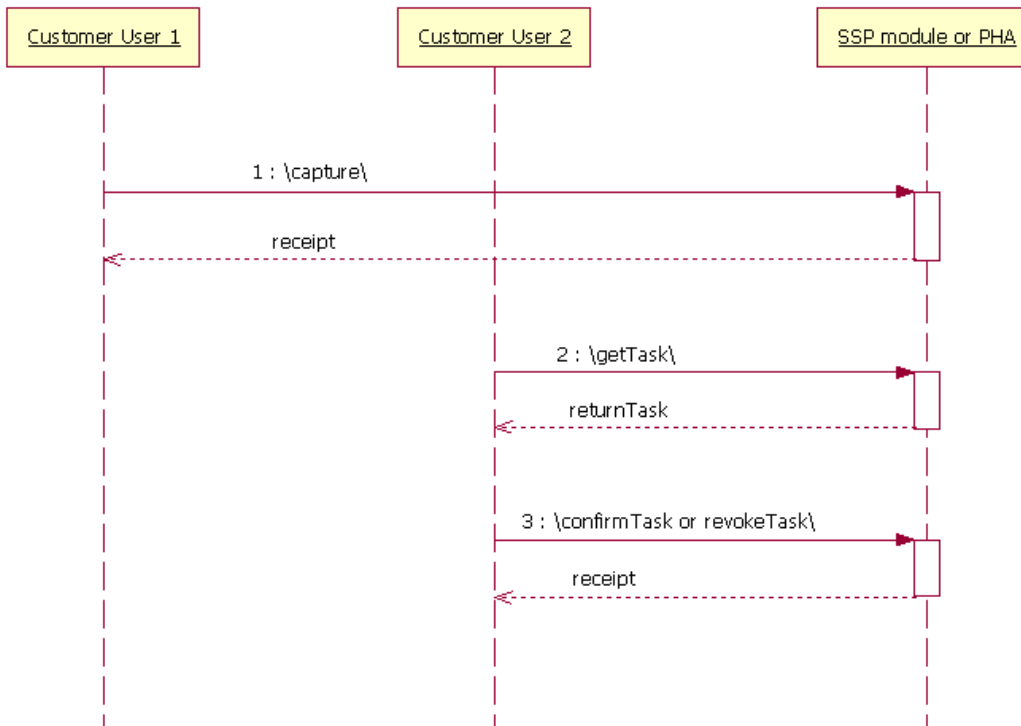
- The user can confirm the task (This action is restricted to those users, who have not captured the task.)
- The user can revoke the task (This action is restricted to those users, who have not captured the task.)

Gelöscht: to confirm

Modification operations are not applicable for A2A users. For the A2A mode the two-eyes-principle is foreseen only. If the users being connected to the SSP server via an application (A2A) the four-eyes-principle must be implemented in the application developed by the customer.

2.6.4.4 Summary

The following sequence diagram illustrates the complete user interaction:



1. A first user captures a task and inserts the task into the task queue of the related SSP module or PHA. The successful insertion is reported with a *Receipt* message and a related reference is returned.
2. A second user queries the task queue for those requests that have to be confirmed. The list of tasks is returned to the requestor. The task queue can be queried by the first user as well, typically with the related reference.
3. The second user confirms or revokes a task that has the status “to confirm”.

2.6.5 Sample “Task Queue”

The example shows a `ReturnTask` message, based on CAMT version 3.0. It reports on two tasks related to PM: `ModifyLimit` and `ModifyTransaction`. The document structure of reported tasks is not a copy of the original message the user sent. It could even have been sent in the new CAMT version 4.0.

Gelöscht: <

Gelöscht: >

The `ModifyLimit` task has been rejected. The `ModifyTransaction` task has been completed successfully.

Both have been inserted by a user with the DN “cn=Josef, ou=tssp,ou=markdeff,o=swift”. The module “PM” is indicated in the SWIFT Standard Application Header.

```
<AppHdr xmlns="urn:swift:xsd:$ahV10">
  <From>
    <Type>NAME</Type>
    <Id>PM</Id>
  </From>
  <MsgRef>void</MsgRef>
  <CrDate>2007-01-01T12:00:00</CrDate>
</AppHdr>
<Document xmlns="urn:swift:xsd:$camt.998.001.01">
  <camt.998.001.01>
    <MsgId>
      <Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Ref>
    </MsgId>
    <Rela>
      <Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Ref>
    </Rela>
    <PrtryDt>
      <Tp>ReturnTask</Tp>
      <SspPrtryDt>
        <BizRpt>
          <TskRpt>
            <TskRef>
              <RltdRef>
                <Ref>TaskIdentification1</Ref>
              </RltdRef>
            </TskRef>
            <Tsk>
              <TskNtry>
                <NtryDt>
                  <DtTm>2007-01-01T12:00:00.000+01:00</DtTm>
                </NtryDt>
              </TskNtry>
              <TskQSts>
                <TskSts>rejected</TskSts>
                <TskStsRsn>
                  <ErrCd>2862</ErrCd>
                  <Desc>Request out of cut-off or time</Desc>
                </TskStsRsn>
                <LstUsr>cn=Josef,ou=tssp,ou=markdeff,o=swift</LstUsr>
              </TskQSts>
            </Tsk>
          </BizRpt>
        </SspPrtryDt>
      </PrtryDt>
    </camt.998.001.01>
  </Document>
  <Document xmlns="urn:swift:xsd:$camt.011.001.03">
    <camt.011.001.03>
      <MsgId>
        <Id>void</Id>
      </MsgId>
      <CurLmtId>
        <Tp>MULT</Tp>
        <AcctOwnr>MARKDEFF</AcctOwnr>
      </CurLmtId>
      <NewLmtValSet>
        <Amt>
          <AmtWthtCcy>1000000</AmtWthtCcy>
        </Amt>
      </NewLmtValSet>
    </camt.011.001.03>
  </Document>
</Tsk>
</TskRpt>
<TskRpt>
  <TskRef>
    <RltdRef>
```

```

        <Ref>TaskIdentification2</Ref>
      </RltdRef>
    </TskRef>
    <Tsk>
      <TskNtry>
        <NtryDt>
          <DtTm>2007-01-01T12:00:00.000+01:00</DtTm>
        </NtryDt>
      </TskNtry>
      <TskQSts>
        <TskSts>completed</TskSts>
        <LstUsr>cn=Josef,ou=tssp,ou=markdeff,o=swift</LstUsr>
      </TskQSts>
      <Document xmlns="urn:swift:xsd:$camt.007.001.03">
        <camt.007.001.03>
          <Msgld>
            <Id>void</Id>
          </Msgld>
          <InstrRef>
            <LngBizId>
              <PmtInstrRef>ABC1234</PmtInstrRef>
              <IntrBkSttlmAmt>100.15</IntrBkSttlmAmt>
              <IntrBkValDt>2007-02-25</IntrBkValDt>
              <PmtMtd>
                <FINMT>103</FINMT>
              </PmtMtd>
              <InstgAgtd>CHASUS33</InstgAgtd>
              <InstdAgtd>MARKDEFFXXX</InstdAgtd>
              <RltdRef>ABC12134</RltdRef>
            </LngBizId>
          </InstrRef>
          <NewPmtValSet>
            <PrcgVldtyTm>
              <ToDtTm>2004-07-21T09:35:30</ToDtTm>
            </PrcgVldtyTm>
          </NewPmtValSet>
        </camt.007.001.03>
      </Document>
    </Tsk>
  </TskRpt>
</BizRpt>
</SspPrtryDt>
</PrtryDt>
</camt.998.001.01>
</Document>

```

Following example shows a ReturnTask message, based on CAMT version 4.0. It reports on two tasks related to PM: ModifyLimit and ModifyTransaction. The document structure of reported tasks is not a copy of the original message the user sent. It could even have been sent in the old CAMT version 3.0.

The ModifyLimit task has been rejected. The ModifyTransaction task has been completed successfully.

Both have been inserted by a user with the DN "cn=Josef,ou=tssp,ou=markdeff,o=swift". The module "PM" is indicated in the SWIFT Standard Application Header.

```

<AppHdr xmlns="urn:swift:xsd:$ahV10">
  <From>
    <Type>NAME</Type>
    <Id>PM</Id>
  </From>
  <MsgRef>void</MsgRef>
  <CrDate>2007-01-01T12:00:00</CrDate>
</AppHdr>
<Document xmlns="urn:swift:xsd:camt.998.001.02">
  <PrtryMsg>
    <Msgld>
      <Ref>ABCDEFGHIJKLMNQRSTUWXYZ123456789</Ref>
    </Msgld>
    <Rltd>
      <Ref>ABCDEFGHIJKLMNQRSTUWXYZ123456789</Ref>
    </Rltd>
    <PrtryData>

```

```

<Tp>ReturnTask</Tp>
<SspPrtryDt>
  <BizRpt>
    <TskRpt>
      <TskRef>
        <RltdRef>
          <Ref>TaskIdentification1</Ref>
        </RltdRef>
      </TskRef>
    </Tsk>
    <TskNtry>
      <NtryDt>
        <DtTm>2007-01-01T12:00:00.000+01:00</DtTm>
      </NtryDt>
    </TskNtry>
    <TskQSts>
      <TskSts>rejected</TskSts>
      <TskStsRsn>
        <ErrCd>2862</ErrCd>
        <Desc>Request out of cut-off or time</Desc>
      </TskStsRsn>
      <LstUsr>cn=Josef.ou=tssp.ou=markdeff.o=swift</LstUsr>
    </TskQSts>
    <Document xmlns="urn:swift:xsd:camt.011.001.04">
      <ModfyLmt>
        <Msgld>
          <Id>void</Id>
        </Msgld>
        <LmtDtIs>
          <CurLmtId>
            <Tp>MULT</Tp>
            <AcctOwnr>MARKDEFF</AcctOwnr>
          </CurLmtId>
          <NewLmtValSet>
            <Amt>
              <AmtWthtCcy>1000000</AmtWthtCcy>
            </Amt>
            </NewLmtValSet>
          </LmtDtIs>
        </ModfyLmt>
      </Document>
    </Tsk>
  </TskRpt>
</TskRpt>
<TskRef>
  <RltdRef>
    <Ref>TaskIdentification2</Ref>
  </RltdRef>
</TskRef>
<Tsk>
  <TskNtry>
    <NtryDt>
      <DtTm>2007-01-01T12:00:00.000+01:00</DtTm>
    </NtryDt>
  </TskNtry>
  <TskQSts>
    <TskSts>completed</TskSts>
    <LstUsr>cn=Josef.ou=tssp.ou=markdeff.o=swift</LstUsr>
  </TskQSts>
  <Document xmlns="urn:swift:xsd:camt.007.001.04">
    <ModfyTx>
      <Msgld>
        <Id>void</Id>
      </Msgld>
      <Mod>
        <InstrRef>
          <LngBizId>
            <PmtInstrRef>ABC1234</PmtInstrRef>
            <IntrBkSttlmAmt>100.15</IntrBkSttlmAmt>
            <IntrBkValDt>2007-02-25</IntrBkValDt>
            <PmtMtd>
              <FINMT>103</FINMT>
            </PmtMtd>
            <InstqAgtId>CHASUS33</InstqAgtId>
            <InstdAgtId>MARKDEFFXX</InstdAgtId>
          </InstrRef>
          <ABC12134</RltdRef>
        </LngBizId>

```

```
</InstrRef>
<NewPmtValSet>
  <PrqgVldtyTm>
    <ToDtTm>2004-07-21T09:35:30</ToDtTm>
  </PrqgVldtyTm>
  </NewPmtValSet>
</Mod>
</ModifyTx>
</Document>
</Tsk>
</TskRpt>
</BizRpt>
</SspPrtryDt>
</PrtryData>
</PrtryMsg>
</Document>
```

2.7 Treatment of modified data (delta set)

2.7.1 General issues

In order to avoid the transmission of redundant information SSP offers the opportunity to reduce the data returned in the XML response. This feature is compliant to the SWIFT Cash Management Standard.

The compressed business data is provided as delta sets. A delta set has three shapings:

- Query type "CHNG": Only new matching items are returned.
- Query type "MODF": Only modified items are returned.
- Query type "DELD": Only deleted items are returned.

The provisioning of delta sets requires an initialisation with a statement of search criteria. These search criteria can be repeated again and again with the three shapings. Then SSP calculates the delta set again and again as difference between the current query and the respective previous query.

A customer client application can calculate from their local data and the delta set the same data set that is available on the SSP site. The course of operations at customer site is as follows:

1. Send a delta request
2. Receive the delta response
3. Calculate the updated local data
4. Be idle. The idle time is not restricted. However, the time depends on the speed of the modifications and is thus different for each customer. The recommendation is 2-60 minutes.
5. Repeat the delta request. This is the same request as in number 1.

The business data compression is only implemented for the *ReturnTransaction* message.

2.7.2 Initialisation of the Delta Set

The delta set is initiated with a request that states a new transaction search and return criteria. In the response to this initial request SSP returns a query name. This query name is the reference to the stated transaction search and return criteria. Each subsequent request that refers to this query name invokes at SSP site a query with the referenced search criteria. The customers can initiate as many queries as required in parallel.

Gelöscht: SSP offers the opportunity to return only the new matching items since the last query. This feature is compliant to the SWIFT Cash Management Standard. It is invoked with the query type "CHNG".¶

¶
The query type "CHNG" is only implemented for the *ReturnTransaction* message within PM, HAM and SF (CM does not support this feature).¶

Gelöscht: <#>SSP "CHNG" algorithm¶
To reduce the volume of transmitted business data, the result of a query can be provided as delta sets between two queries. Only the new matching items between a query and the last query with the same search criteria is returned. New matching items are those with a new reference (primary key) in the last result set.¶

¶
The search criteria is stated with an initial query. Subsequent queries can refer to this query by the query name. The query name is generated by SSP and returned to the customer with the response to the initial query. The customers can initiate as many queries of query type "CHNG" as required. SSP clears the queries during the end-of-day processing, so that the queries must be initialised at the beginning of each business day.¶

¶
-----Seitenumbruch-----
<#>Example¶
Step 1: *GetTransaction* message, send by the user¶
Msgld ... [2]

Once a delta set is initiated the subsequent delta set queries can be repeated indefinitely till the end-of-day. SSP clears the queries during the end-of-day processing, so that the queries must be initialised once more at the beginning of the next business day.

Example

Step 1: GetTransaction message, send by the user

<u>MsgId</u>	<u>X</u>	<u>assigned by the user</u>
<u>QryTp</u> ²³	<u>CHNG</u> ²⁴	<u>instruction for SSP to store the result of the query</u>
<u>QryNm</u> ²⁵	<u>Void</u>	
<u>NewCrit</u> ²⁶	<u>any query</u>	<u>e.g. PdgSts = PSTL</u> <u>in combination with QryTp=CHNG:</u> <ul style="list-style-type: none"><u>instruction for SSP to store the query</u>

Step 2: ReturnTransaction message, returned to the user

<u>MsgId</u>	<u>1</u>	<u>assigned by SSP</u>
<u>QryRef</u>	<u>X</u>	<u>reference to previous GetTransaction message</u>
<u>QryNm</u>	<u>ABC</u>	<u>assigned by SSP (always when NewCrit is stated²⁷)</u>

<u>InstrRef</u> ²⁸	<u>Amount</u>	<u>PdgSts</u>	<u>FnISts</u>	<u>PrtY</u>
<u>111111</u>	<u>12.00</u>	<u>PSTL</u>		<u>high</u>
<u>222222</u>	<u>20.00</u>	<u>PSTL</u>		<u>normal</u>
<u>333333</u>	<u>30.00</u>	<u>PSTL</u>		<u>normal</u>
<u>444444</u>	<u>21.00</u>	<u>PSTL</u>		<u>low</u>
<u>555555</u>	<u>17.00</u>	<u>PSTL</u>		<u>low</u>

2.7.3 Query Type “CHNG”

Once the delta set is initialised (2.7.2) the returned data can be reduced to the new matching items. These are all items that match to the current query, but not to the reference query.

The delta set is calculated by comparing the current query result with the reference query result. The reference query is the last query with the same query name and same query type “CHNG”.

²³ Specifies the nature of the query

²⁴ The delta set can also be initialised with QryTp=MODF and QryTp=DELD. However, this is not useful because no payment can be found.

²⁵ Name of the query

²⁶ Defines the criteria on which the information is extracted.

²⁷ The query name is returned and can be used independently from the query type

²⁸ Unique and unambiguous identification of a payment transaction, as assigned by SSP.

In the response the items are returned in coherence with the return criteria stated in the initial request.

Implementation remark:

- The delta set for query type “CHNG” is calculated independently from the other query types. It is not necessary to send such a request as triplet with the other query types .

Example

Step 3: GetTransaction message, send by the user

<u>MsgId</u>	<u>Y1</u>	<u>assigned by the user</u>
<u>QryTp</u>	<u>CHNG</u>	<u>instruction for SSP to store the result of the query</u>
<u>QryNm</u>	<u>ABC</u>	<u>taken from initial ReturnTransaction message, indicates that the same query as in Step 1 should be executed again</u>
<u>NewCrit</u>	<u>Void</u>	

Step 4a: Result of the query at SSP site, blue italics indicate all modifications

<u>InstrRef</u>	<u>Amount</u>	<u>PdgSts</u>	<u>FnISts</u>	<u>Prty</u>
<u>555555</u>	<u>17.00</u>	<u>PSTL</u>		<u>high</u>
<u>666666</u>	<u>12.00</u>	<u>PSTL</u>		<u>high</u>
<u>111111</u>	<u>12.00</u>		<u>STLD</u> <u>(former PSTL)</u>	<u>high</u>
<u>222222</u>	<u>20.00</u>	<u>PSTL</u>		<u>normal</u>
<u>333333</u>	<u>30.00</u>	<u>PSTL</u>		<u>normal</u>
<u>444444</u>	<u>21.00</u>	<u>PSTL</u>		<u>low</u>

Step 4b: ReturnTransaction message, returned to the user

<u>MsgId</u>	<u>2</u>	<u>assigned by SSP</u>
<u>QryRef</u>	<u>Y1</u>	<u>reference to previous GetTransaction message</u>
<u>QryNm</u>	<u>ABC</u>	<u>no changes, because NewCrit is void</u>

Report of new matching items:

<u>InstrRef</u>	<u>Amount</u>	<u>PdgSts</u>	<u>FnISts</u>	<u>Prty</u>
<u>666666</u>	<u>12.00</u>	<u>PSTL</u>		<u>high</u>

2.7.4 Query Type “MODF”

Once the delta set is initialised (2.7.2) the returned data can be reduced to the modified items. These are all items that match to the current and to the reference query but have an attribute that has a changed value. New items are not included.

The delta set is calculated by comparing the current query result with the reference query result. The very first query refers to the initialisation, which is done with the same query name and query type "CHNG" (2.7.2). All subsequent queries refer to the last query done with the same query name and query type "MODF".

In the response only the reference and the modified attributes of the items are returned.

Implementation remarks:

- The delta set for query type "MODF" is calculated independent from the other query types. It is not necessary to send such a request as triplet with the other query types.
- The calculation of modified items considers all attributes of an item. Also attributes that are not indicated as return criteria are considered. Example: In ReturnCriteria the status of the payment is excluded. But anyway, when the status has changed the payment is reported as 'modified' item. However, the new status will not be returned.

Example

Step 3: GetTransaction message, send by the user

<u>MsgId</u>	<u>Y2</u>	<i>assigned by the user</i>
<u>QryTp</u>	<u>MODF</u>	<i>instruction for SSP to store the result of the query</i>
<u>QryNm</u>	<u>ABC</u>	<i>taken from initial ReturnTransaction message, indicates that the same query as in Step 1 should be executed again</i>
<u>NewCrit</u>	<u>Void</u>	

Step 4a: Result of the query at SSP site, blue italics indicate all modifications

<u>InstrRef</u>	<u>Amount</u>	<u>PdgSts</u>	<u>FnISts</u>	<u>Prty</u>
<u>555555</u>	<u>17.00</u>	<u>PSTL</u>		<u>high</u>
<u>666666</u>	<u>12.00</u>	<u>PSTL</u>		<u>high</u>
<u>111111</u>	<u>12.00</u>		<u>STLD</u> <i>(former PSTL)</i>	<u>high</u>
<u>222222</u>	<u>20.00</u>	<u>PSTL</u>		<u>normal</u>
<u>333333</u>	<u>30.00</u>	<u>PSTL</u>		<u>normal</u>
<u>444444</u>	<u>21.00</u>	<u>PSTL</u>		<u>low</u>

Step 4b: ReturnTransaction message, returned to the user

<u>MsgId</u>	<u>3</u>	<i>assigned by SSP</i>
<u>QryRef</u>	<u>Y2</u>	<i>reference to previous GetTransaction message</i>
<u>QryNm</u>	<u>ABC</u>	<i>no changes, because NewCrit is void</i>

Report of items that have changed:

<u>InstrRef</u>	<u>Amount</u>	<u>PdgSts</u>	<u>EnlSts</u>	<u>PrtY</u>
<u>555555</u>				<u>high</u>

2.7.5 Query Type “DELD”

Once the delta set is initialised (2.7.2) the returned data can be reduced to the deleted items. These are all items that match to the reference query but not to the current query.

The delta set is calculated by comparing the current query result with the reference query result. The very first query refers to the initialisation, which is done with the same query name and query type “CHNG” (2.7.2). All subsequent queries refer to the last query done with the same query name and query type “DELD”.

In the response only the reference and no attribute of the deleted items is returned.

Implementation remark:

- The delta set for query type “DELD” is calculated independent from the other query types. It is not necessary to send such a request as triplet with the other query types.

Example

Step 3: GetTransaction message, send by the user

<u>MsgId</u>	<u>Y3</u>	<u>assigned by the user</u>
<u>QryTp</u>	<u>DELD</u>	<u>instruction for SSP to store the result of the query</u>
<u>QryNm</u>	<u>ABC</u>	<u>taken from initial ReturnTransaction message, indicates that the same query as in Step 1 should be executed again</u>
<u>NewCrit</u>	<u>Void</u>	

Step 4a: Result of the query at SSP site, *blue italics* indicate all modifications

<u>InstrRef</u>	<u>Amount</u>	<u>PdgSts</u>	<u>EnlSts</u>	<u>PrtY</u>
<u>555555</u>	<u>17.00</u>	<u>PSTL</u>		<u>high</u>
<u>666666</u>	<u>12.00</u>	<u>PSTL</u>		<u>high</u>
<u>111111</u>	<u>12.00</u>		<u>STLD</u> <u>(former PSTL)</u>	<u>high</u>
<u>222222</u>	<u>20.00</u>	<u>PSTL</u>		<u>normal</u>
<u>333333</u>	<u>30.00</u>	<u>PSTL</u>		<u>normal</u>
<u>444444</u>	<u>21.00</u>	<u>PSTL</u>		<u>low</u>

Step 4b: ReturnTransaction message, returned to the user

<u>MsgId</u>	<u>4</u>	<u>assigned by SSP</u>
<u>QryRef</u>	<u>Y3</u>	<u>reference to previous GetTransaction message</u>

<u>QryNm</u>	<u>ABC</u>	<i>no changes, because NewCrit is void</i>
--------------	------------	--

Report of deleted items:

<u>InstrRef</u>	<u>Amount</u>	<u>PdgSts</u>	<u>EnlSts</u>	<u>PrtY</u>
111111				

2.8 Security

Gelöscht: _____
Seitenumbruch

Gelöscht: ¶

2.8.1 Role Based Access Control

2.8.1.1 General issues

Requests will only be executed, if the required RBAC role is in the list of RBAC roles that are sent with each request. If the list of RBAC roles does not match the requirement, the request will be rejected with a technical error message.

2.8.1.2 User roles for A2A

For ICM A2A there are three user roles in place. They reflect that different participants (credit institutions, ancillary systems and central banks) can use the A2A. The following user roles are in place:

Name of user role	Abbreviation	Participants being able to use the user role
Application for credit institutions (2-eyes-principle)	APPLICATE	Credit institution
Application for ancillary systems (2-eyes-principle)	APPLIASTE	Ancillary systems
Application for central banks (2-eyes-principle)	APPLICBTE	Central banks

Applications using one of the above mentioned user roles will have access via ICM to the following modules:

- Payments module (PM)
- Home Accounting module (HAM)
- Static Data module (SD)
- Standing Facilities module (SF)
- Reserve Management module (RM)
- Ancillary System Interface (ASI)
- Proprietary Home Accounting module (PHA)

Central banks will also have access to the Contingency Module using A2A.

For further details please have a look at chapter 7.1 (= annex 1).

In the static data of SSP it is stored whether a BIC transmitted in the DN belongs to a credit institution, ancillary system or central bank. Therefore it can be guaranteed that e.g. an application of a credit institution does not have access to information which should be available for central banks only.

In the A2A approach no 4-eyes-principle is foreseen because this would mean that a task initiated by an application has to be confirmed by a second application. This does not seem to be an appropriate behaviour and does not match with the user requirements.

If a participant wants to limit the rights of users accessing the ICM via A2A or wants to follow the 4-eyes-principle, he has to implement it in his back-office application.

2.8.1.3 Error codes

ICM will return one of the following error codes in case an error is detected when checking the RBAC roles:

Error code				Description	Remark
SSP	Y-copy	V-shape	XML		
X41	-	-	1401	No permission. RBAC User role(s) are not sufficient.	The user must have assigned the following roles within SSP environment. APPLICATE for CI APPLICBTE for CB APPLIASTE for AS
X43	-	-	1403	No permission. At least one RBAC role is reserved in A2A mode only but used in U2A.	U2A user is not allowed to use the A2A RBAC roles.
X49	-	-	1409	No permission. At least one RBAC role is reserved in U2A mode only but used in A2A.	A2A application is not allowed to use the U2A RBAC roles.

2.8.2 Non-Repudiation of Emission

Non-repudiation of emission is mandatory for some requests (details see chapter 4.3 'Request control'). When for these requests non-repudiation of emission is not applied they are rejected by SSP with a technical error message.

Remark: When non-repudiation of emission is applied the request payload must be signed (Requested by SWIFT).

3 Error codes

3.1 SSP Communication error codes

With the support of the ICM timeout for all ICM requests (divisible between U2A requests and A2A requests) the following time limits are intended:

For A2A requests: 290 sec.

For U2A requests: 120 sec.

In case requests can't be executed within the mentioned time limit, SSP will generate or rather provide the following error to the related customer / application:

SSP Error Code: 801

Y-copy Error Code: A1

Shape Error Code: XI59

XML Error Code: 2859

Error Text: Request Timed Out

List of XML Errors

Error code				Error Text
SSP	Y-copy	V-shape	XML	
SSP Communication				
801	A1	XI59	2859	Request Timed Out

3.2 Common error codes

Following the list of common error codes is shown. They are valid for all XML messages used by SSP. Therefore they are not repeated for each XML message described in chapter 6 of UDFS book 4. In some cases the error text will be enriched with additional detailed information.

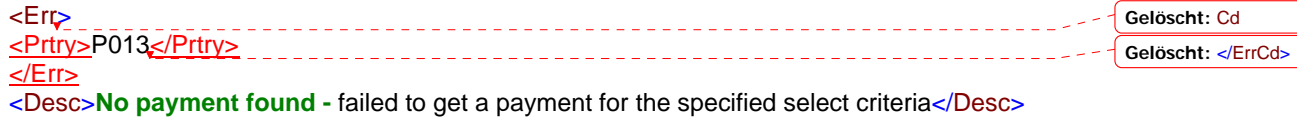
Gelöscht: This will e. g. look as follows:

```
<ErrCd>P013</ErrCd>
<Desc>No payment found -
failed to get a payment for the
specified select criteria</Desc>
```

Error code				Error Text
SSP	Y-copy	V-shape	XML	
XML common status codes				
X01	-	-	1001	Execution timeout limit exceeded
X02	-	-	1002	Data not yet available
X03	-	-	1003	Message size limit exceeded
X04	-	-	1004	File size limit exceeded (Sw:RejectDescription)
X05			1005	Data not available
X07	-	-	1101	An application header must be send with each message
X08	-	-	1102	The payload must not be empty
X09	-	-	1103	Processing not possible. Check addressed module and message
X11	-	-	1199	free text (parser output)
X22	-	-	9999	General system error
X43	-	-	1403	No permission. At least one RBAC role is reserved in A2A mode only but used in U2A
X46	-	-	1416	No access. There is more than one BIC assigned to the DN
X49	-	-	1409	No permission. At least one RBAC role is reserved in U2A mode only but used in A2A
X57			1417	Requestor DN not found in the DN matching table

3.3 Individual error codes

Following the list of individual error codes is shown. They are valid for some XML messages only. Therefore they are repeated for each XML message when describing the single XML message in chapter 6 of UDFS book 4. In some cases the error text will be enriched with additional detailed information. This will e. g. look as follows:

The diagram illustrates an XML error message structure. It shows the following XML elements: `<Err>`, `<Prtry>P013</Prtry>`, `</Err>`, and `<Desc>No payment found - failed to get a payment for the specified select criteria</Desc>`. Annotations include: a red dashed line from `<Err>` to a box labeled "Gelöscht: Cd"; a red dashed line from `</Prtry>` to a box labeled "Gelöscht: </ErrCd>"; and a red dashed line from `</Err>` to the same box. The text "No payment found" is highlighted in green.

```
<Err>  
<Prtry>P013</Prtry>  
</Err>  
<Desc>No payment found - failed to get a payment for the specified select criteria</Desc>
```

The list aims to give a global overview of all "other error codes".

Error code				Error Text
SSP	Y-copy	V-shape	XML	
Modules input validation				
850	B0	XI00	2850	Generic error
851	B1	XI11	2851	Message format error
852	B2	XI12	2852	Invalid character or invalid numeric value
853	B3	XI13	2853	Unexpected data
854	B4	XI14	2854	Invalid decimal value
855	B5	XI15	2855	Too many fields
856	B6	XI16	2856	Field too short
857	B7	XI17	2857	Field too long
858	B8	XI00	2858	Mandatory field not found
861	C1	RF01	2861	Double input
862	C2	TM01	2862	Request out of cut-off time
863	C3		NA	Direct debit not accepted from receiver
865		XI02	2865	Missing receiving legitimacy
866	C6	AC06	2866	Exclusion of participant
867	C7	XI00	2867	BIC debtor and creditor must be different
868	C8	XI19	2868	Invalid sending/receiving BIC
869	C9		2869	Receiving CB has to be a non migrated CB
871	D1	DT01	2871	Backup payment is not allowed / Value date in past not allowed
872	D2	DT01	2872	Field 32A/30 - Value date too far in the future
873	D3	XT03	2873	Field 32A/32B - Currency is not EUR
874	D4	XI11	2874	Field 56a - Invalid field option
875	D5	XI11	2875	Field 57a - Invalid field option or missing account number
876	D6	XI18	2876	Invalid using codeword TILTIME, FROTIME, CLSTIME, REJTIME
877	D7	XI11	2877	Field 52a - Invalid field option
878	D8		2878	Latest debit time (option A) is reached
879	D9		2879	Field 58 is not filled with HAM participant
884	E4		2884	For definition or change of a credit line (also in case of connected payments) the related account must have the participant type “CI” and the account type “normal”.
890	K0	XI24	2890	Field not allowed because debtor or receiver of the payment is in module HAM
891	K1	XT20	2891	Field 72 - using of codeword /MANPAY/ is only allowed if a CB is sender of the message
892	K2		2892	Field 52 must be filled with a BIC of a direct participant if codeword /MANPAY/ is used
893	K3		2893	Priority highly urgent not allowed for this kind of payment
894	-	-	2894	Function is not allowed in the current business day phase
895	-	-	2895	TARGET is closed
910			S100	No data available for selected criteria
911			S110	Access to selected data is not authorized
950			S500	Inconsistent data input
960			S600	The requested creation is not possible
970			S700	The requested deletion is not possible
980			S800	The requested update is not possible
998			S998	Technical SDM failure
999			S999	General SDM failure

Error code				Error Text
SSP	Y-copy	V-shape	XML	
P11			P011	A multilateral limit can only be defined or is valid if at minimum one bilateral limit towards another direct participant is defined

Error code				Error Text
SSP	Y-copy	V-shape	XML	
AS specific				
A01		A001	Sender not allowed	
A02		A002	AS missing or not allowed in InitiatingParty / SubjectDetails	
A03		A003	Invalid date	
A04		A004	Invalid ControlSum	
A05		A005	Invalid NumberOfTransactions	
A06		A006	Invalid PriorityType	
A07		A007	Invalid SettlementModelType	
A08		A008	SettlementModelType not allowed for the sender	
A09		A009	Invalid InformationPeriodType	
A10		A010	Invalid FromTime	
A11		A011	Invalid ToTime	
A12		A012	Reference limited to 16 alphanumerical characters	
A13		A013	Invalid PaymentScheme code	
A14		A014	FirstAgent not allowed	
A15		A015	FirstAgent Domestic account not allowed	
A16		A016	FinalAgent not allowed	
A17		A017	FinalAgent Domestic account not allowed	
A18		A018	FirstAgent and FinalAgent accounts must be different	
A19		A019	Double GroupIdentification	
A20		A020	Double payment identification	
A21		A021	Value date in the past or too far in the future	
A22		A022	Currency is not EUR	
A23		A023	Sum of debit from Technical account is not equal to sum of credit to Technical account	
A24		A024	Amount unavailable	
A25		A025	DebitAccountOwner not allowed	
A26		A026	CreditAccountOwner not allowed	
A27		A027	Debit DomesticAccount not allowed	
A28		A028	Credit DomesticAccount not allowed	
A29		A029	The qualifier must be Formatted	
A30		A030	Code unknown	
A31		A031	Reference unknown	
A32		A032	Invalid StatusCode	
A33		A033	Inconsistency between SettlementModelType, FirstAgent and FinalAgent	
A34		A034	Order or message out of sequence	
A35		A035	Procedure already open	
A37		A037	Cycle already open	
A38		A038	Cycle already closed	
A39		A039	AS excluded	
A40		A040	The AS is not authorised to request a Connected payment.	
A41		A041	Debtor BIC is not a published SWIFT BIC	
A42		A042	Creditor BIC is not a published SWIFT BIC	
A49		A149	It is not possible to revoke one single transaction in Model 4 and 5	

Error code				Error Text
SSP	Y-copy	V-shape	XML	
A50			A050	Revoke is only usable for files referring to settlement procedure 4 and 5
A51			A051	Revoke is only possible, if status of file is "information period"
A52			A052	File not found
A53			A053	Change settlement period is possible only if settlement period is defined
A54			A054	Requested time for end of settlement period is not possible before end of information period
A55			A055	Requested time for end of settlement period is not possible in the past
A56			A056	Related AS does not participate in settlement model 6 integrated
A57			A057	Final Agent must be a mirror account
A58			A058	Settlement bank is not allowed to address this mirror account
A80			DPNS	Daylight settlement period has not started
A81			GALL	Lack of liquidity on the guarantee account
A82			GANR	AS decision to use the guarantee account was negative
A83			GENE	Generic error
A84			RJED	Payment Reject at end of day
A85			RJSP	The payment is rejected because the Settlement period time is reached
A86			RVOK	The payment has been revoked
A87			REVR	Rejection after reversing procedure
A88			RJCT	Payment initiation or individual transaction included in the payment initiation has been rejected.
A89			INVL	Invalid file or transaction
A90			COPS	Current order partially settled
A91			ACSC	Accepted, settlement completed
A92			EXAS	The file / transaction is rejected because the AS is excluded
A93			RJDA	File / transaction was revoked by the CB after disagreement.
P36			P236	Procedure already closed
P42			P212	Reference limited to 16 alphanumerical characters
P44			P214	FirstAgent not allowed
P46			P216	FinalAgent not allowed

Error code				Error Text
SSP	Y-copy	V-shape	XML	
SSP queueing				
610	L1	AM04	RDIB	Removal of payment because of missing cover or exceeding a limit/ Decrease rejected due to insufficient balance
620	L2		EXSB	Exclusion of payment by PM / Exclusion Settlement Bank

Error code				Error Text
SSP	Y-copy	V-shape	XML	
TARGET content related codes				
T05	H5	XI85	T005	Invalid combination of country codes
T13	I3	XI93	T013	Invalid country code

Error code				Error Text
SSP	Y-copy	V-shape	XML	
XML operating status codes				
X00	-	-	0000	O.k.
X34	-	-	1304	No task-queue information found
X35	-	-	1305	The query name is not related to a previous query.

Error code				Error Text
SSP	Y-copy	V-shape	XML	
XML security status codes				
X41	-	-	1401	No permission. RBAC User role(s) are not sufficient.
X42	-	-	1402	No authorisation. User is not allowed acting on behalf of another PM-Participant
X44	-	-	1404	If "non repudiation of emission" is mandatory, the NRE indication flag has to be present
X45	-	-	1405	No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager
X47	-	-	1407	No authorisation. User is not allowed acting on behalf of another Participant as Central Bank
X48	-	-	1408	Interaction only possible for the virtual account manager
X51			1411	The selected participant is no Group of Accounts Manager
X52			1410	Debit and credit account don't belong to the same Group of accounts
X53	-	-	1412	Credit account does not belong to the debtor

Error code				Error Text
SSP	Y-copy	V-shape	XML	
XML functional status codes (PM, PHA, ICM)				
700			2700	Repeat Sending only possible for MT103, 202, 900 or 910
701			2701	Repeat Sending not possible at this status of the message
703			2708	Negative amounts are not allowed
705			2705	The address for liquidity removal is missing
P04	-	-	P004	If you want to select SWIFT fields in your preferences, you must select your own accounts.
P05	-	-	P005	You are not allowed to select the Internal Interlinking Reference
P06	-	-	P006	If you want to select SWIFT fields, you must select your own accounts.
<u>P07</u>	<u>-</u>	<u>-</u>	<u>P007</u>	<u>If you want to search for PaymentInstructionStatusDateTime, you have to send one request per payment status.</u>
P08	-	-	P008	You are not allowed to select the element Receiver Information
P09	-	-	P009	You are not allowed to select this broadcast status
P10	-	-	P010	The multiplicity of the element "Instr" and "PrcgVldtyTm" is unequal
P12	-	-	P012	Modification, setting or deletion of limits not possible
P13	-	-	P013	No payment found
P14	-	-	P014	No Limit found
P15	-	-	P015	No bilateral limit defined for Counter Party
P16	-	-	P016	No current Reservation found
P18	-	-	P018	No Business Day Data found
P24	-	-	P024	No Broadcast Information found
P25	-	-	P025	Central Bank does not support the Proprietary Home Account interface
P26	-	-	P026	The Proprietary Home Account is not available
P27	-	-	P027	Generic error generated by PHA
<u>P30</u>	<u>-</u>	<u>-</u>	<u>P030</u>	<u>Only one occurrence of the element <AcctOwnr> per message is allowed.</u>
<u>P31</u>	<u>-</u>	<u>-</u>	<u>P031</u>	<u>The modification or removal of a multilateral limit is allowed only once per message.</u>
<u>P32</u>	<u>-</u>	<u>-</u>	<u>P032</u>	<u>The same counterpart-BIC is only allowed not more than once per message.</u>
<u>P33</u>	<u>-</u>	<u>-</u>	<u>P033</u>	<u>Invalid use of <AllCurLmts> or <AllDfltLmts>.</u>
<u>P50</u>	<u>-</u>	<u>-</u>	<u>P050</u>	<u>If element <PmtInstrStsDtTm> is used, within <PmtInstrSts> it is only allowed to search for <FnlSts>STLD</FnlSts>.</u>
P51	-	-	P051	BIC Bilateral Counterpart does not exist
P53	-	-	P053	RTGS account does not exist or is not valid
P54	-	-	P054	Sub-account doesn't belong to the RTGS account
P55	-	-	P055	Account does not exist or is invalid
P56	-	-	P056	Invalid credited account
P57	-	-	P057	Invalid debited account
P58	-	-	P058	Both credited and debited account are mandatory
P59	-	-	P059	Either credit account or debited account must be present
P60	-	-	P060	Only valid BIC's are allowed.
P61	-	-	P061	For accounts without non-liability of cover, this function is not allowed
P62	-	-	P062	BIC must be valid and have an RTGS account.
P65	-	-	P065	Sub-account not known in PM or not connected with AS
P66	-	-	P066	The order was rejected because it was received after an end of procedure message (out of the procedure time frame).
P67	L6	-	P067	Liquidity on the debited account is not sufficient
P68	-	-	P068	There is a highly urgent payment in the queue

| A

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Error code				Error Text
SSP	Y-copy	V-shape	XML	
P70	-	-	P100	Function is only possible for AS: "info period", all other: "warehoused", "pending" (but not for change earliest debit time) and "earmarked"
P71	-	-	P101	You are not allowed to revoke the payment(s)
P72	-	-	P102	Function is not available for AS payments
P77	-	-	P107	Limit value must be 1 million or more. The value 0,00 is possible for deletion of limits.
P78	-	-	P108	Function is only available for status open-pending.
P80	-	-	P110	You are not allowed to increase/decrease the payment(s)
P81	-	-	P111	You are not allowed to change the priority of the payment(s)
P82	-	-	P112	You are not allowed to change the Earliest Debit Time of the payment(s)
P83	-	-	P113	You are not allowed to change the Latest Debit Time of the payment(s)
P85	-	-	P115	Requested time must be before closing time of SSP
P86	-	-	P116	Only one date for Execution Date is allowed
P87	-	-	P117	Only responsible Central Banks can agree or disagree to the settlement.
P88	-	-	P118	Function is only possible, if the status of payment/file is "accounting stopped due to exclusion" and the value date is the current business day.
P89	-	-	P119	New setting of earliest or latest debit time is not possible.
P91	-	-	P121	New Earliest DebitTime is after the permitted Latest DebitTime
P92			P122	New Latest Debit Time is before specified Earliest Debit Time
P93	-	-	P123	Requested time must be later than the current system time.
P94	-	-	P124	Requested time must be later than opening time of SSP
P95	-	-	P125	Date is not the current value date
P96	-	-	P126	Date is not the current SSP business day
P97	-	-	P127	Initiator DN is the same as used in the underlying writing operation
P98			P098	Agree and Disagree only possible, if the used act on behalf BIC is an excluded participant
P99	-	-	P099	No authorisation. The GoA Manager has no longer access to payments of an excluded Participant, which was previously member of his GoA.

Error code				Error Text
SSP	Y-copy	V-shape	XML	
HAM/SF/RM/CM specific				
H01		XI01	H001	Sender not allowed
H02		XI04	H002	Debit account not open
H03		XI07	H003	Sender not allowed to debit the specified account
H04	M4	XT16	H004	Operation not allowed (e.g. cross border)
H05		XI09	H005	Returned (cancelled) at end of the day
H06			H006	No data available (e.g. an empty list)
H07	M7		H007	Account not open
H08			H008	Requestor unknown
H09			H009	Parameter logical error <.>
H10	M1		H010	Data not found (request data doesn't exist)
H11			H011	Requested BIC unknown
H12			H012	Requested BIC missing in input
H13			H013	Requested field missing in input
H14			H014	Requested country code missing in input

Error code				Error Text
SSP	Y-copy	V-shape	XML	
SSP related error codes				
D00	-	-	-	Unknown error
D01	-	-	-	Domestic RTGS system is down
D02	-	-	-	Delay too long
U01	-	-	-	Field 53/58 is not filled with BIC of CB
U02	-	-	-	Responsible CB of BIC in field 58 is not equal to CB in field 53
U03	-	-	-	BIC is not in the BIC Directory

4 Description of XML messages

4.1 Introduction

4.1.1 Global structure of an XML message

An XML message (Request / Response) consists of the following different blocks:

- **Request** (sent by the application of a participant in SSP (ICM client) to the ICM server)

Name of the block	O(ptional) / M(andatory) by SWIFT
• Authorisation Context, Authenticator, and Requestor	M
• Request Control	M
• Request Header	M
• Payload <ul style="list-style-type: none">○ Application Header○ Document	O (but mandatory for SSP)
• Cryptographic Blocks	O
• Message Signature	O

- **Response** (received by the application of a participant in SSP (ICM client) from the ICM server)

Name of the block	O(ptional) / M(andatory) by SWIFT
• Response Descriptor	M
• Response Header	M
• Payload Considerations <ul style="list-style-type: none">○ Application Header○ Document	O (but mandatory for SSP)

4.1.2 Example

Below an example of an XML request and response is given. Its aim is just to visualize the general structure of XML messages (= different blocks) used by SSP.

- Request

```
<?xml version='1.0' encoding='UTF-8'?>
<!DOCTYPE SwInt:ExchangeRequest SYSTEM 'Sw.dtd'>
<SwInt:ExchangeRequest>
  <SwSec:AuthorisationContext>
    <SwSec:UserDN>cn=anjadroenen,o=banknl2a,o=swift</SwSec:UserDN>
  </SwSec:AuthorisationContext>
  <SwInt:Request>
    <SwInt:RequestControl>
      <SwInt:RequestCrypto>TRUE</SwInt:RequestCrypto>
      <SwInt:NRIndication>TRUE</SwInt:NRIndication>
    </SwInt:RequestControl>
    <SwInt:RequestHeader>
      <SwInt:Requestor>ou=target2appl,o=banknl2a,o=swift</SwInt:Requestor>
      <SwInt:Responder>cn=interact,ou=prod,o=trgtxepm,o=swift</SwInt:Responder>
      <SwInt:Service>trgt.papss</SwInt:Service>
      <SwInt:RequestType>camt.009.001.04</SwInt:RequestType>
    </SwInt:RequestHeader>
    <SwInt:RequestPayload>
      <AppHdr xmlns="urn:swift:xsd:$ahV10">
        <To>
          <Type>NAME</Type>
          <Id>PM</Id>
        </To>
        <MsgRef>ABCDEFGHJKLMNOPQRST1234567890</MsgRef>
        <CrDate>2006-11-29T08:20:00</CrDate>
      </AppHdr>
      <Document xmlns="urn:swift:xsd:camt.009.001.04">
        <GetLmt>
          <MsgId>
            <Id>ABC123456</Id>
          </MsgId>
          <LmtQryDef>
            <NewCrit>
              <SchCrit>
                <AcctOwnr>BANKNL2AXXX</AcctOwnr>
              </SchCrit>
            </NewCrit>
          </LmtQryDef>
        </GetLmt>
      </Document>
    </SwInt:RequestPayload>
    <SwSec:Crypto>
      <SwSec:CryptoControl>
        <SwSec:MemberRef>RequestHeader</SwSec:MemberRef>
        <SwSec:MemberRef>RequestPayload</SwSec:MemberRef>
        <SwSec:MemberRef>RequestDescriptor.SwiftRequestRef</SwSec:MemberRef>
        <SwSec:SignDN>cn=anjadroenen,o=banknl2a,o=swift</SwSec:SignDN>
      </SwSec:CryptoControl>
    </SwSec:Crypto>
  </SwInt:Request>
</SwInt:ExchangeRequest>
```

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Gelöscht: </camt.009.001.03>

- Response

```
<?xml version = "1.0" encoding = "UTF-8"?>
<!DOCTYPE SwInt:ExchangeResponse SYSTEM 'trgt.dtd'>
<SwInt:ExchangeResponse>
  <SwInt:ResponseHandle>
    <SwInt:RequestDescriptor>
      <SwInt:SwiftRequestRef>SNL00123-2005-08-14T16:27:03.162976.216437Z
      </SwInt:SwiftRequestRef>
      <SwInt:SwiftRef>swi00001-2005-08-14T16:27:04.21408.014541Z
      </SwInt:SwiftRef>
      <SwInt:NonRep>
        <SwInt:NRType>SVCOPT</SwInt:NRType>
      </SwInt:NonRep>
    </SwInt:RequestDescriptor>
    <SwInt:ResponseDescriptor>
      <SwInt:SwiftResponseRef>SNL00321-2005-08-14T16:27:05.84574.244122Z
      </SwInt:SwiftResponseRef>
      <SwInt:NonRep>
        <SwInt:NRType>SVCOPT</SwInt:NRType>
      </SwInt:NonRep>
    </SwInt:ResponseDescriptor>
    <SwInt:ResponseHeader>
      <SwInt:Responder>ou=interact,o=trgtxepm,o=swift</SwInt:Responder>
    </SwInt:ResponseHeader>
    <SwInt:ResponsePayload>
      <AppHdr xmlns="urn:swift:xsd:$ahV10">
        <From>
          <Type>NAME</Type>
          <Id>PM</Id>
        </From>
        <MsgRef>ABCDEFGHIJKLMNQRST1234567890</MsgRef>
        <CrDate>2007-01-01T12:00:00</CrDate>
      </AppHdr>
      <Document xmlns="ssp.pm.ReturnLimit" camt.010.001.4">
        <RtrLmt>
          <MsgId>
            <Id>ABC123456</Id>
          </MsgId>
          <BizQryRef>
            <QryRef>ABCDEFGHIJKLMNQRSTUWXYZabcdefghi</QryRef>
          </BizQryRef>
          <BizRpt>
            <CurLmt>
              <LmtId>
                <BilLmtCtrPtyId>
                  <BIC>BANKNL2AXXX</BIC>
                </BilLmtCtrPtyId>
                <Tp>BILI</Tp>
                <AcctOwnr>BANKNL2AXXX</AcctOwnr>
              </LmtId>
              <Lmt>
                <Amt>
                  <AmtWthtCcy>123456.12</AmtWthtCcy>
                </Amt>
                <CdtDbtInd>DBIT</CdtDbtInd>
              </Lmt>
            </CurLmt>
            <DfltLmt>
              <LmtId>
                <BilLmtCtrPtyId>
                  <BIC>BANKNL2AXXX</BIC>
                </BilLmtCtrPtyId>
                <Tp>MULT</Tp>
                <AcctOwnr>BANKNL2AXXX</AcctOwnr>
              </LmtId>
              <Lmt>
                <Amt>
                  <AmtWthtCcy>123456.12</AmtWthtCcy>
                </Amt>
                <CdtDbtInd>DBIT</CdtDbtInd>
              </Lmt>
            </DfltLmt>
          </BizRpt>
        </RtrLmt>
      </Document>
```

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Gelöscht: 03

Gelöscht: <camt.010.001.03>

Gelöscht: </camt.010.001.03>

Gelöscht: ¶


```

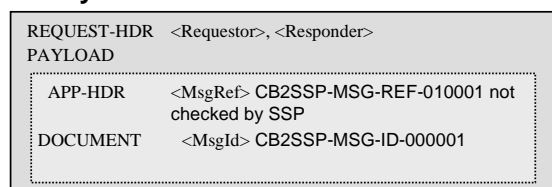
</SwInt:ResponsePayload>
<SwSec:Crypto>
  <SwSec:CryptoInternal>oejq4h8Ugd .... </SwSec:CryptoInternal>
  <SwSec:CryptoDescriptor>
    <SwSec:MemberRef>ReqresponseHeader</SwSec:MemberRef>
    <SwSec:MemberRef>ResponsePayload</SwSec:MemberRef>
    <SwSec:MemberRef>ResponseDescriptor.SwiftResponseRef</SwSec:MemberRef>
    <SwSec:SignDN>cn=%34,o=trgtxepm,o=swift</SwSec:SignDN>
    <SwSec:CertPolicyId>1.3.21.6.1</SwSec:CertPolicyId>
  </SwSec:CryptoDescriptor>
</SwSec:Crypto>
</SwInt:ResponseHandle>
</SwInt:ExchangeResponse>

```

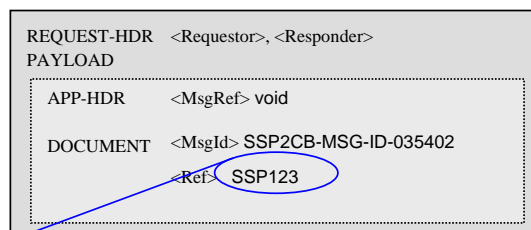
4.1.3 Correlation / referencing of XML messages

The following diagram shows the correlation / referencing of XML messages. The tag <Ref> present in Receipt, GetTask and ReturnTask contains the unique reference number within SSP. It is defined by the SSP itself. Please note, that original Message Id of the underlying message will **not** be forwarded within ReturnTask message.

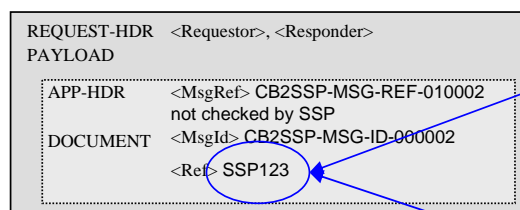
ModifyCreditLine →



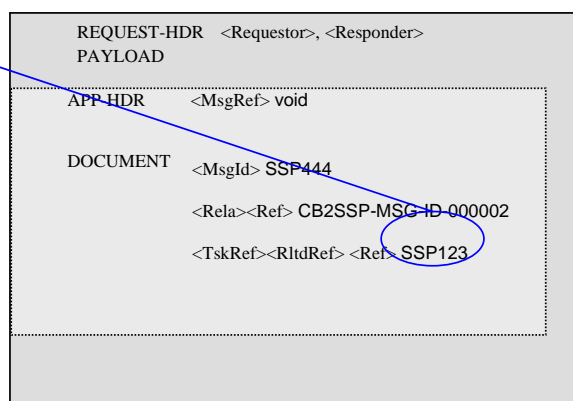
← Receipt



GetTask →



← ReturnTask



4.2 Authorisation Context, Authenticator, and Requestor

This block is mandatory by SWIFT. It contains the 'User Distinguished Name' (DN) of the entity that authorised the sending of the message. The User DN is a X.500 distinguished name, ending with

o=<BIC8>,o=swift

It is used by SWIFT to identify and authenticate the sending user. The sending user can be an operator (= human being) or an application certificate.

As this field is used for authorisation checks by SWIFT, this information is not forwarded to SSP (= the recipient). It is also used by SWIFT for the RBAC checks and processing related to user roles (see UDFS ICM User Handbook I, chapter 3.2).

Example: BANKNL2A sends a XML request to SSP using the following User DN

<SwSec:UserDN>cn=anjadroenen,o=banknl2a,o=swift</SwSec:UserDN>

4.3 Request control

This block is mandatory by SWIFT. It indicates vis-à-vis SWIFT whether the request

- contains cryptographic operations to be performed
- requires Non-Repudiation of Emission (NRE)²⁹
- is to be handled by means of store & forward

In SSP those requests must require NRE which have 'writing access'; e.g. requests to initiate a liquidity transfer or to change data. For those requests the field <NRIndication> must contain the value "TRUE". Otherwise the request will be rejected by the SSP.

All XML requests for which the use of NRE is mandatory are contained in the following list:

XML message related to ...	Request ³⁰	
Payments Module (PM)	BackupPayment_PM	<camt.023.001.02> <u>or <BckpPmt></u>
	CancelTransaction_PM	<camt.008.001.03> <u>or <CclTx></u>
	DeleteLimit_PM	<camt.012.001.03> <u>or <DelLim></u>
	DeleteReservation_PM	<camt.049.001.01> <u>or <DelRsvatn></u>
	LiquidityCreditTransfer_PM	<camt.050.001.01> <u>or <LqdyCdtTfr></u>
	ModifyCreditLine_PM	<camt.998.001.01> <u>or <PrtryMsg></u>
	ModifyLimit_PM	<camt.011.001.03> <u>or <ModfyLmt></u>
	ModifyReservation_PM	<camt.048.001.01> <u>or <ModfyRsvatn></u>
	ModifySequence_PM	<camt.998.001.01> <u>or <PrtryMsg></u>

²⁹ Non-Repudiation of Emission (NRE) is a service feature offered by SWIFT. It makes sure the emission of a message cannot be denied by the emitting party.

³⁰ depends on the supported CAMT version.

XML message related to ...		Request ³⁰
	ModifyTransaction_PM ReleasePayment_PM	<camt.007.001.03> <ModifyTx> <camt.998.001.01> or <PrtryMsg>
Static Data Module (SD)	DeleteHAMAccount_SD ModifyLimit_SD ModifyReservation_SD DeleteRTGSAccount_SD DeleteSFAccount_SD DeleteSubAccount_SD ModifyHAMAccount_SD ModifyRTGSAccount_SD ModifySFAccount_SD ModifyStandingOrder_SD ModifyStandingOrderMirror_SD ModifySubAccount_SD	<camt.998.001.01> or <PrtryMsg> <camt.011.001.03> or <ModifyLmt> <camt.048.001.01> or <ModifyRsvatn> <camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg> <camt.024.001.02> or <ModifyStgOrd> <camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg>
Ancillary System Interface (ASI)	ASInitiationStatus ASTransferInitiation ASTransferNotice SBTransferInitiation_AS	<pain.998.001.01> <pain.998.001.01> <pain.998.001.01> <camt.998.001.01> or <PrtryMsg>
Home Accounting Module (HAM)	CancelTransaction_HAM LiquidityCreditTransfer_HAM ModifyReservation_HAM ModifyStandingOrder_HAM ModifyTransaction_HAM	<camt.008.001.03> or <CclTx> <camt.050.001.01> or <LqdyCdtTfr> <camt.048.001.01> or <ModifyRsvatn> <camt.024.001.02> or <ModifyStgOrd> <camt.007.001.03> or <ModifyTx>
Standing Facilities Module (SF)	LiquidityCreditTransfer_SF	<camt.050.001.01> or <LqdyCdtTfr>
Reserve Management Module (RM)	AuthorizePenalty_RM InsertCompulsoryReserve_RM InsertPHABalance_RM	<camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg> <camt.998.001.01> or <PrtryMsg>
Contingency Module (CM)	LiquidityCreditTransfer_CM OpenAccount_CM	<camt.050.001.01> or <LqdyCdtTfr> <camt.998.001.01> or <PrtryMsg>
Proprietary Home Account (PHA)	LiquidityCreditTransfer_PHA ModifyStandingOrder_PHA	<camt.050.001.01> or <LqdyCdtTfr> <camt.024.001.02> or <ModifyStgOrd>

4.4 Request Header

This block is mandatory by SWIFT. It contains the following information:

- Distinguished Name of the Requestor (Requestor DN)
- Distinguished Name of the Responder (Responder DN)
- Service Name
- Request Type (*recommended by SSP*)
- Priority (*not used by SSP*)
- Request Reference

4.4.1 Requestor DN

The 'Requestor DN' identifies the sending party (= institution that sends the XML message). The 'Requestor DN' is a X.500 distinguished name, ending with

o=<SWIFTNet institution BIC-8>,o=swift

No registration in the SWIFTNet directory tree of the sending party or certification of this DN is required. SWIFT recommends to use DN without too much nesting levels.

<SwInt:Requestor>,o=BIC-8,o=swift</SwInt:Requestor>

The value of the requestor field may be equal to the 'user DN' which is used to sign the message, but this is not mandatory.

4.4.2 Responder DN

The 'Responder DN' identifies the receiving party (= institution that receives the XML message and will reply on it). The 'Responder DN' is a X.500 distinguished name, ending with

o=<SWIFTNet institution BIC-8>,o=swift

For SSP the 'Responder DN' to be used in the XML requests sent are the following:

- Customer test environment for INTERACT
<SwInt:Responder>cn=interact,ou=tet,o=trgtxepm,o=swift
</SwInt:Responder>
- Customer test environment for FILEACT
<SwInt:Responder>cn=fileact,ou=tet,o=trgtxepm,o=swift
</SwInt:Responder>
- Live environment for INTERACT
<SwInt:Responder>cn=interact,ou=prod,o=trgtxepm,o=swift
</SwInt:Responder>
- Arial environment for FILEACT
<SwInt:Responder>cn=fileact,ou=prod,o=trgtxepm,o=swift
</SwInt:Responder>

4.4.3 Service Name

The Service Name contains the SWIFTNet service used. For SSP there are different Service Names in place for

- Customer test environment

Service Name	SWIFTNet service	Mode	Comment
trgt.papss!p	InterAct FileAct Browse	Real-time	-
trgt.sfpapss!p	InterAct FileAct	Store & forward	-
trgt.cm!p	InterAct Browse	Real-time	For CBs only

- Live environment

Service Name	SWIFTNet service	Mode	Comment
trgt.papss	InterAct FileAct Browse	Real-time	-
trgt.sfpapss	InterAct FileAct	Store & forward	-
trgt.cm	InterAct Browse	Real-time	For CBs only

Note: The 'mode' determines which APIs/primitives developers will have to use to exchange XML messages.

The tag containing the Service Name is called <SwInt:Service>.

4.4.4 Request Type

The 'Request Type' identifies the message type of the XML message using the standard code for of the message (not a textual description). The use of this tag is optionally (in InterAct) but recommended by SSP.

The tag containing the 'Request Type' is called <SwInt:RequestType>

The following list contains all requests used by SSP having a unique Request Type. All other messages (so called SSP proprietary messages) will use the "container message" for free format messages provided by SWIFT (camt.998.001.01).

Name	Request Type ³¹	SWIFT standard
BackupPayment	camt.023.001.02 camt.023.001.03	cash management standard
CancelTransaction	camt.008.001.03 camt.008.001.04	cash management standard
DeleteLimit	camt.012.001.03 camt.012.001.04	cash management standard
GetAccount	camt.003.001.03 camt.003.001.04	cash management standard
GetBusinessDayInformation	camt.018.001.01 camt.018.001.02	cash management standard
GetLimit	camt.009.001.03 camt.009.001.04	cash management standard
GetTransaction	camt.005.001.03 camt.005.001.04	cash management standard
LiquidityCreditTransfer	camt.050.001.01 camt.050.001.02	cash management standard
ModifyLimit	camt.011.001.03 camt.011.001.04	cash management standard
ModifyStandingOrder	camt.024.001.02 camt.024.001.03	cash management standard
ModifyTransaction	camt.007.001.03 camt.007.001.04	cash management standard
ReturnAccount (if pushed in SF)	camt.004.001.03 camt.004.001.04	cash management standard
GetReservation	camt.046.001.01 camt.046.001.02	cash management standard
ModifyReservation	camt.048.001.01 camt.048.001.02	cash management standard
DeleteReservation	camt.049.001.01 camt.049.001.02	cash management standard
SSPProprietaryMessage	camt.998.001.01 camt.998.001.02	cash management standard
STPCreditTransferInitiation	pain.998.001.01	payment initiation

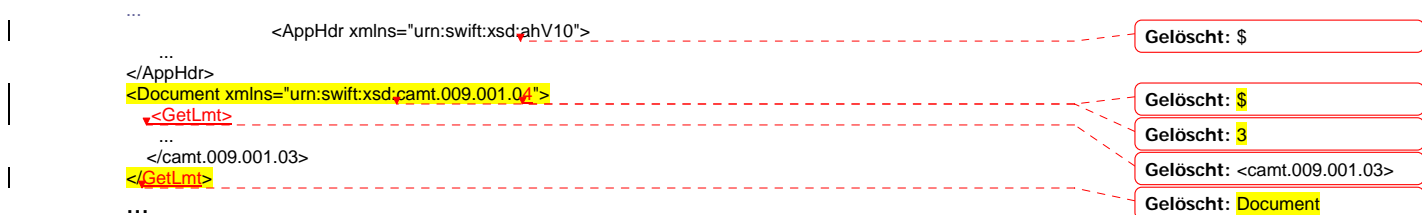
³¹ [depends on the supported CAMT version.](#)

Name	Request Type ³¹	SWIFT standard
PaymentInitiationStatus	pain.998.001.01	payment initiation
ASTransferNotice	pain.998.001.01	payment initiation
<u>Receipt AS</u>	<u>camt.025.001.01</u> <u>camt.025.001.02</u>	<u>cash management standard</u>

4.5 Payload

The blocks belonging to the Payload (Application header and the document of the XML message itself) are described in chapter 6.

Note: The application header and the document of the XML message are separated as shown in the extract of the GetLimit request:



It is the same for responses.

4.6 Cryptographic Blocks

This block is in general optional by SWIFT but mandatory when NRE is applied. There are no specific rules defined for this block by SSP.

4.7 Message Signature

This block is not relevant for SSP. It might be used according to the rules defined by SWIFT.

5 “Work as” and “act on behalf” scenario

5.1 Definition

The following definitions have to be taken into account when reading this chapter:

- The DN identifies the requestor, i.e. the participant's application in A2A mode.
- The relation “work as” identifies the BIC(s) that are linked to the DN. In other words it identifies all participants (identified by a BIC) on which the DN has the possibility to perform actions. The relation is stored in the Static Data module in a so called DN-BIC table.

Note: When speaking of a DN-suffix (see sample below) in this context it is only the DN without CN (= common name).

- The relation “act on behalf” identifies the BIC(s) that are linked to one BIC and corresponds to the situation when an account holder has the possibility to perform actions on accounts of other account holders (i.e. Co-Manager, GoA Manager, responsible CB). These relations are stored in the Static Data module in a so called BIC-BIC table.

Sample “User DN” and the corresponding “DN-suffix”:

User DN:

DN-suffix:

cn=josef,o=bankbebb,o=swift o=bankbebb,o=swift

cn=app,ou=businessunit1,o=bankbebb,o=swiftou=businessunit1,o=bankbebb,o=swift

ou=businessunit2,o=bankbebb,o=swift ou=businessunit2,o=bankbebb,o=swift

5.1.1 Important information: One DN linked to several BIC11s (A2A):

The management of “works as” relation with one DN -> several BICs is allowed but in this case no “acts on behalf” relation is allowed for the BICs covered by the “works as” relation.

Furthermore there are some messages where the “works as scenario” in A2A is not possible because the XML messages do not contain a field to give the indication needed. As stated

above, in case of two DN-BIC's in the matching table ICM would return error code 'X46' = 'No access. There is more than one BIC assigned to the DN' as response to these messages.

Messages where the “works as” scenario in A2A is not possible:

BackupPayment (for CI Customer)

GetBroadcast

GetCalendar

GetLegalEntity

GetSystemTime

GetPendingData

CancelTransaction

GetBusinessDayInformation

GetSettlementInformation

GetTransaction_PM

ModifyTransaction

ReleasePayment

GetThreshold

Get CompulsoryReserve

5.2 Example

The definitions given in chapter 5.1 should be explained by the following examples.

Table DN-BIC reflecting the “work as scenario”

Institution	DN	BIC
CB1	DN-suffix01 ³²	BITAITR0XXX
CB2	DN-suffix02 ²³	MARKDEFFXXX
CB2	DN-suffix02 ²³	MARKDEMUXXX
CI1	DN-suffix03 ²³	BROMITRRXXX
CI2	DN-suffix04 ²³	DRESDEFFXXX
CI3	DN-suffix05 ²³	DEUTDEBE123

³² DN-suffix = DN without common name (CN)

Table “acts on behalf” reflecting the “act on behalf scenario”

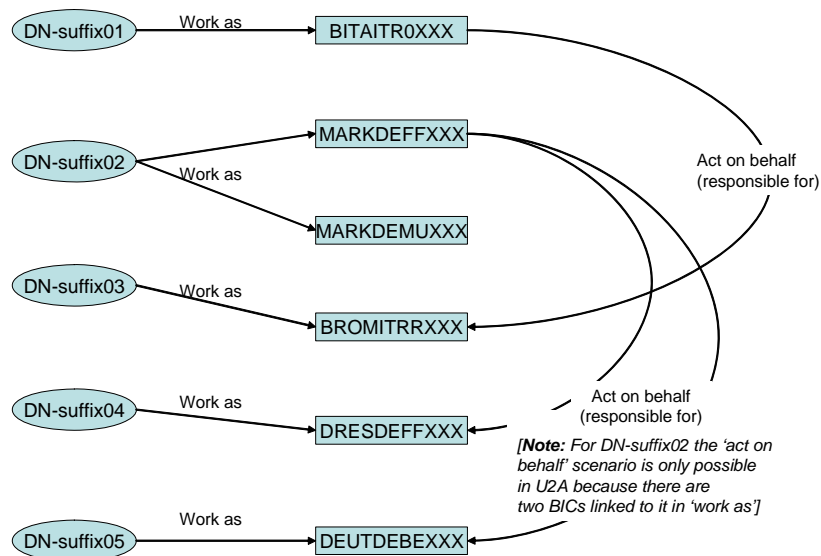
Type of relation	“Master” BIC	“Submitted” BIC
“CB responsible for”	BIC of the related CB	BICs of the participants of the CB
“co-management”	BIC of the co-manager	BICs of the co-managed accounts
“group of accounts”	BIC of the manager of the group of accounts	BICs of the accounts included in the group of accounts

In the example, only a “CB responsible for” relation with the following values is considered:

Type of relation	“Master” BIC	“Submitted” BIC
“CB responsible for”	BITAITR0XXX	BROMITRRXXX
“CB responsible for”	MARKDEFFXXX	DRESDEFFXXX
“CB responsible for”	MARKDEFFXXX	DEUTDEBE123

The relations between the DN-suffix and the BIC through “work as” and “act on behalf of” scenarios are presented in the scheme below. In addition, it is necessary to highlight that the various relations covered by “act on behalf” correspond to distinct functions applied to distinct set of BICs. For example, the set of BICs attached to one BIC in the frame of a “group of account manager” relation can be different from the one attached to the same BIC in the frame of a “co-manager” relation. The example below is only related to “CB responsible for” relation.

Relations between DN-suffix and BIC through “work as” and “act on behalf of” scenarios:



5.3 Implementation in A2A

The application of the participant (= requestor identified by its DN) has to mention the BIC on which it wants to perform actions (whatever the “work as” or “act on behalf”) in the XML message it sends. The SSP will check that the DN has the authorisation to perform the action using the following algorithm³³:

- 1st step Is the relation DN-suffix – BIC mentioned in the XML message listed in the “work as” table?
 - ⇒ If yes the algorithm will be finished
 - ⇒ If no 2nd step will be performed

- 2nd step Has the DN-suffix more than one ‘works as’ BICs?
 - ⇒ If yes no ‘act on behalf’ scenario will be allowed.
 - ⇒ If no the 3rd step will be performed.

³³ The RBAC roles have to be checked before.

- 3rd step Is the relation between the BIC deducted out of the “work as” table and the BIC mentioned in the XML message listed in the “act on behalf” table?
- ⇒ If yes the algorithm will be finished.
 - ⇒ If no neither “work as” nor “act on behalf” is allowed .

5.4 Examples

The following examples should illustrate the implementation in A2A in addition to the general description given in chapter 5.3.

EXAMPLE 1:

The CB sends an XML message. The SSP takes the DN-suffix and the BIC out of the XML message (DN-suffix01 and BITAITR0XXX). (BDI: For all examples it is true that the DN-suffix is taken out from the XML message header but the BIC is taken out from the XML message payload):

Only the step 1 of the algorithm is performed → OK

DN-suffix01 is allowed to ‘work as’ BITAITR0XXX.

EXAMPLE 2:

The CB sends an XML message. The SSP takes the DN-suffix and the BIC out of the XML message (DN-suffix02 and MARKDEFFXXX):

Only the step 1 of the algorithm is performed → OK

DN-suffix02 is allowed to ‘work as’ MARKDEFFXXX.

EXAMPLE 3:

The CB sends an XML message. The SSP takes the DN and the BIC out of the XML message (DN-suffix02 and MARKDEMUXXX):

Only the step 1 of the algorithm is performed → OK

DN-suffix02 is allowed to 'work as' MARKDEMUXXX.

EXAMPLE 4:

The CB sends an XML message. The SSP takes the DN and the BIC out of the XML message (DN-suffix02 and DRESDEFFXXX):

The step 1 of the algorithm is first performed → Not OK

The step 2 of the algorithm is performed → OK

DN-suffix02 is NOT allowed to work on behalf of DRESDEFFXXX.

EXAMPLE 5:

The CB sends an XML message. The SSP takes the DN and the BIC out of the XML message (DN-suffix01 and BROMITRRXXX):

The step 1 of the algorithm is first performed → Not OK

The step 2 of the algorithm is then performed → Not OK

The step 3 of the algorithm is then performed → OK

=> DN-suffix01 is allowed to 'act on behalf' of BROMITRRXXX.

6 Description of the Payload

Please note that Application header and document of the XML message are separated by

<Document>

(see chapter 4.5). The tags <Document> and </Document> are part of the payload.

6.1 How to read chapter 6

The detailed description of the Payload begins with the description of the Application header (chapter 6.2) and the common XML documents (chapter 6.3). Then it continues with the definition of specific XML documents used by each module (chapter 6.4 up to chapter 6.5).

For each XML messages it is indicated whether the message

- belongs to the Cash Management Standard/Payment Initiation or
- is a SSP Proprietary Message.

Note: When indicating that a message belongs to the Cash Management Standard it refers to version 3.0 and 4.0 of the standard.

Gelöscht: 1.0, 2.0 and

To be able to clearly identify a single description and the related examples the following naming convention was chosen:

<name of XML message>[_<module>][_ <number of the example>]

Example: GetAccount_PM = definition of the XML message used by PM
 GetAccount
 GetAccount_PM_1 = first example related to the XML message
 GetAccount_PM

For the different modules the following abbreviations are used:

PM = Payments Module
SD = Static Data
ASI = Ancillary System Interface

HAM = Home Accounting Module
RM = Reserve Management Module
SF = Standing Facilities Module
CM = Contingency Module
PHA = Proprietary Home Accounting System
no abbreviation = common XML messages

6. 2 Application Header

6. 2. 1 ApplicationHeader ASI

Cash Management Standard

ApplicationHeader_ASI

Scope: The ApplicationHeader is sent by both the customer client application and by the SSP server together with each message. For incoming messages, the ApplicationHeader must be used to address a message to a certain SSP module. For outgoing messages, the ApplicationHeader reports the module the message is coming from.

Usage

Related module:all

The message contains the following information:

Receiving or emitting module

Date and time when the message is issued.

Technical Examples

A message should be addressed to a certain module. To route the message to the module, the Application Header takes the short name of the addressed module.

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>ASI</Id>
End of InitiatingEntitlIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Message business identification	<Id>ASI</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>ABCDEFGH1234</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory	Validation:
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional	Validation: [0..1]
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation: [1..1] always "NAME"
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory	Validation: [1..1] only ASI (Ancillary System Interface) is possible
</From>		End of InitiatingEntityIdentification	
		Optional	Validation: [0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional	Validation: [0..1]
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation: [1..1] always "NAME"
<Id>-</Id>	35x	Message business identification	
		Mandatory	Validation: [1..1] only ASI (Ancillary System Interface) is possible
</To>		End of ReceivingEntityIdentification	
		Optional	Validation: [0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory	Validation: [1..1] not used in SSP
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.
		Mandatory	Validation: [1..1] creation date - time when the message was created
</AppHdr>		End of ApplicationHeader	end of ApplicationHeader

name of attribute	format	short description	description
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Mandatory

Validation:

ApplicationHeader_ASI_1

Scope: Message from ASI

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>ASI</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeader_ASI_2

Scope: Message to ASI

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Message business identification	<Id>ASI</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 2 ApplicationHeader CM (for CBs only)

Cash Management Standard

ApplicationHeader_CM

Scope: The ApplicationHeader is sent by both the customer client application and by the SSP server together with each message. For incoming messages, the ApplicationHeader must be used to address a message to a certain SSP module. For outgoing messages, the ApplicationHeader reports the module the message is coming from.

Usage

Related module: CM

The message contains the following information:

Receiving or emitting module

Date and time when the message is issued.

Technical Examples

A message should be addressed to a certain module. To route the message to the module, the Application Header takes the short name of the addressed module.

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>CM</Id>
End of InitiatingEntityIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>CM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>ABCDEFGHIJKLMNOPQRSTUVWXYZ1234567890</MsgRef>
CreationDateTime	<CrDate>2004-07-21T08:35:30</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory	Validation:
		A2A	[1..1]
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional	Validation:
		A2A	[0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation:
		A2A	[1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory	Validation:
		A2A	[1..1] It must be "CM" (Contingency Module)
</From>		End of InitiatingEntityIdentification	
		Optional	Validation:
		A2A	[0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional	Validation:
		A2A	[0..1] destination - used for Get, LiquidityCreditTransfer, etc. messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation:
		A2A	[1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory	Validation:
		A2A	[1..1] It must be "CM" (Contingency Module)
</To>		End of ReceivingEntityIdentification	
		Optional	Validation:
		A2A	[0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory	Validation:
		A2A	[1..1] Not used in SSP.
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.

name of attribute	format	short description	description
</AppHdr>		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	[1..1]

ApplicationHeader_CM_1

Scope: Message to CM

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>CM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeader_CM_2

Scope: Message from CM

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>CM</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 3 ApplicationHeader HAM

Cash Management Standard

ApplicationHeader_HAM

Scope: The ApplicationHeader is send by both the customer client application and by the SSP server together with each message. For incoming messages, the ApplicationHeader must be used to address a message to a certain SSP module. For outgoing messages, the ApplicationHeader reports the module the message is coming from.

Usage
Related module:all

The message contains the following information:
Receiving or emitting module
Date and time when the message is issued.

Technical Examples

A message should be addressed to a certain module. To route the message to the module, the Application Header takes the short name of the addressed module.

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>HAM</Id>
End of InitiatingEntitlIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>HAM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>ABCDEFGHJKLMNOPQRST1234567890</MsgRef>
CreationDateTime	<CrDate>2004-07-21T08:35:30</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory A2A	Validation:
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] In SSP only HAM (Home Accounting Module) and ICM (Information and Control Module - used for technical protocol messages send by SSP and not linked to the module) is possible
</From>		End of InitiatingEntitIdentification	
		Optional A2A	Validation: [0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] destination - used for Get, Modify, Cancel etc messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] In SSP only HAM (Home Accounting Module) is possible
</To>		End of ReceivingEntityIdentification	
		Optional A2A	Validation: [0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory A2A	Validation: [1..1] Not used in SSP

name of attribute	format	short description	description
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.
		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
</AppHdr>		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	

ApplicationHeader_HAM_1

Scope: Message to HAM

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>HAM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeader_HAM_2

Scope: Message from HAM

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>HAM</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 4 ApplicationHeader PM

Cash Management Standard

ApplicationHeader_PM

Scope: The ApplicationHeader is send by both the customer client application and by the SSP server together with each message. For incoming messages, the ApplicationHeader must be used to address a message to a certain SSP module. For outgoing messages, the ApplicationHeader reports the module the message is coming from.

Usage
Related module:all

The message contains the following information:
Receiving or emitting module
Date and time when the message is issued.

Technical Examples

A message should be addressed to a certain module. To route the message to the module, the Application Header takes the short name of the addressed module.

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PM</Id>
End of InitiatingEntitlIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>ABCDEFGHJKLMNOPQRST1234567890</MsgRef>
CreationDateTime	<CrDate>2004-07-21T08:35:30</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory A2A	Validation:
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only PM and ICM (Information and Control Module - used for technical protocol messages send by SSP and not linked to the module) is possible
</From>		End of InitiatingEntitIdentification Optional A2A	Validation: [0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] destination - used for Get, Modify, Cancel etc messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only PM (Payment Module) is possible
</To>		End of ReceivingEntityIdentification Optional A2A	Validation: [0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory A2A	Validation: [1..1] Not used in SSP
<CrDate>-</CrDate>	ISODateTim	CreationDateTime	Time when the message was created. This is the time

name of attribute	format	short description	description
	e		the "From" claims to have created the message.
		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
</AppHdr>		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	

ApplicationHeader_PM_1

Scope: Message to PM

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeader_PM_2

Scope: Message from PM

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PM</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 5 ApplicationHeader RMM

Cash Management Standard

ApplicationHeader_RMM

Scope: The ApplicationHeader is send by both the customer client application and by the SSP server together with each message. For incoming messages, the ApplicationHeader must be used to address a message to a certain SSP module. For outgoing messages, the ApplicationHeader reports the module the message is coming from.

Usage
Related module:all

The message contains the following information:
Receiving or emitting module
Date and time when the message is issued.

Technical Examples

A message should be addressed to a certain module. To route the message to the module, the Application Header takes the short name of the addressed module.

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>RMM</Id>
End of InitiatingEntitlIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>RMM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>ABCDEFGHJKLMNOPQRST1234567890</MsgRef>
CreationDateTime	<CrDate>2004-07-21T08:35:30</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory A2A	Validation:
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only RMM (Reserve Management Module) and ICM (Information and Control Module - used for technical protocol messages send by SSP and not linked to the module) is possible
</From>		End of InitiatingEntitIdentification	
		Optional A2A	Validation: [0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] destination - used for Get, Modify, Cancel etc messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only RMM (Reserve Management Module) is possible
</To>		End of ReceivingEntityIdentification	
		Optional A2A	Validation: [0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory A2A	Validation: [1..1] Not used in SSP

name of attribute	format	short description	description
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.
		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
</AppHdr>		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	

ApplicationHeader_RMM_1

Scope: Message to RMM

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>RMM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeader_RMM_2

Scope: Message from RMM

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>RMM</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 6 ApplicationHeader SDM

Cash Management Standard

ApplicationHeader_SDM

Scope: The ApplicationHeader is send by both the customer client application and by the SSP server together with each message. For incoming messages, the ApplicationHeader must be used to address a message to a certain SSP module. For outgoing messages, the ApplicationHeader reports the module the message is coming from.

Usage
Related module:all

The message contains the following information:
Receiving or emitting module
Date and time when the message is issued.

Technical Examples

A message should be addressed to a certain module. To route the message to the module, the Application Header takes the short name of the addressed module.

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SDM</Id>
End of InitiatingEntitlIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SDM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>ABCDEFGHJKLMNOPQRST1234567890</MsgRef>
CreationDateTime	<CrDate>2004-07-21T08:35:30</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory A2A	Validation:
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only SDM (Static Data Module) and ICM (Information and Control Module - used for technical protocol messages send by SSP and not linked to the module) is possible
</From>		End of InitiatingEntityIdentification	
		Optional A2A	Validation: [1..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] destination - used for Get, Modify, Cancel etc messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only SDM (Static Data Module) is possible
</To>		End of ReceivingEntityIdentification	
		Optional A2A	Validation: [0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory A2A	Validation: [1..1] Not used in SSP

name of attribute	format	short description	description
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.
		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
</AppHdr>		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	

ApplicationHeader_SDM_1

Scope: Message to SDM

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SDM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeader_SDM_2

Scope: Message from SDM

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SDM</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 7 ApplicationHeader SFM

Cash Management Standard

ApplicationHeader_SFM

Scope: The ApplicationHeader is send by both the customer client application and by the SSP server together with each message. For incoming messages, the ApplicationHeader must be used to address a message to a certain SSP module. For outgoing messages, the ApplicationHeader reports the module the message is coming from.

Usage
Related module:all

The message contains the following information:
Receiving or emitting module
Date and time when the message is issued.

Technical Examples

A message should be addressed to a certain module. To route the message to the module, the Application Header takes the short name of the addressed module.

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SFM</Id>
End of InitiatingEntitlIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SFM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>ABCDEFGHJKLMNOPQRST1234567890</MsgRef>
CreationDateTime	<CrDate>2004-07-21T08:35:30</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory A2A	Validation:
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only SFM (Standing Facilities Module) and ICM (Information and Control Module - used for technical protocol messages send by SSP and not linked to the module) is possible
</From>		End of InitiatingEntityIdentification	
		Optional A2A	Validation: [0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional A2A	Validation: [0..1] destination - used for Get, Modify, Cancel etc messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory A2A	Validation: [1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory A2A	Validation: [1..1] only SFM (Standing Facilities Module) is possible
</To>		End of ReceivingEntityIdentification	
		Optional A2A	Validation: [0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory A2A	Validation: [1..1] Not used in SSP

name of attribute	format	short description	description
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.
		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
</AppHdr>		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	

ApplicationHeader_SFM_1

Scope: Message to SFM

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SFM</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeader_SFM_2

Scope: Message from SFM

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>SFM</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 8 ApplicationHeaderPHAExtern

Cash Management Standard

ApplicationHeaderPHAExtern

Scope: Each incoming and outgoing message contains an Application Header. The Application Header serves to transmit information on how to process the functional document. Application Header for external usage. Mandatory for message exchange between user and SSP. It is created and used by either the initiating user (requests) or by SSP (responses).

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of InitiatingEntityIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2002-07-21T08:35:30</CrDate>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory	Validation:
		A2A	ApplicationHeader for external usage. Mandatory for message exchange between user and SSP
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional	Validation:
		A2A	[0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation:
		A2A	[1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory	Validation:
		A2A	[1..1] only PHA is possible
</From>		End of InitiatingEntityIdentification	
		Optional	Validation:
		A2A	[0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional	Validation:
		A2A	[0..1] destination - used for Get, Modify, Cancel etc messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation:
		A2A	[1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity
		Mandatory	Validation:
		A2A	[1..1] only PHA is possible
</To>		End of ReceivingEntityIdentification	
		Optional	Validation:
		A2A	[0..1]
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business application standpoint. It must be unique between a "From" and a "To".
		Mandatory	Validation:
		A2A	[1..1] Not used in SSP
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.

name of attribute	format	short description	description
</AppHdr>		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	

ApplicationHeaderPHAExtern_1

Scope: Sample for Get, Modify, Cancel etc. messages

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of ReceivingEntityIdentification	</To>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

ApplicationHeaderPHAExtern_2

Scope: Sample for Return and Receipt messages

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
End of ApplicationHeader	</AppHdr>

6. 2. 9 ApplicationHeaderPHAIntern (for CBs only)

PHA internal usage

ApplicationHeaderPHAIntern

Scope: Each incoming and outgoing message contains an Application Header. The Application Header serves to transmit information on how to process the functional document. Application Header for internal usage. Mandatory for message exchange between ICM and PHA. It is created and used by either ICM (requests) or the PHA (responses).

- the module name ICM can be used in Receipt messages returned by SSP in case of a severe error. E.g. when no ApplicationHeader was sent in the request and a module can not be evaluated.

Structure:

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of InitiatingEntityIdentification	</From>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of ReceivingEntityIdentification	</To>
MessageName	<MsgName>twoEyesPrinciple</MsgName>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2002-07-21T08:35:30</CrDate>
Duplicate Indication	<Dup>
Duplicate Reference	<Ref>DN</Ref>
Information	<Info>cn=A2A-Application; ou=Payments; o=DEUTDEFF; o=SWIFT</Info>
End duplicate indication	</Dup>
End of ApplicationHeader	</AppHdr>

Attributes:

name of attribute	format	short description	description
<AppHdr>		ApplicationHeader	ApplicationHeader
		Mandatory	Validation:
		A2A	Application header for internal usage. Mandatory for message exchange between SSP and PHA.
<From>		InitiatingEntityIdentification	The entity being the business responsible for submitting this message. The type of identification must be determined when defining the Standards.
		Optional	Validation:
		A2A	[0..1] source - used for Return and Receipt messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation:
		A2A	[1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity Indicates PHA. Used for requests only.
		Mandatory	Validation:
		A2A	[1..1]
</From>		End of InitiatingEntityIdentification	
		Optional	Validation:
		A2A	[0..1]
<To>		ReceivingEntityIdentification	The entity that the "From" business entity has chosen to be the business receiver of the message. The type of identification must be determined when defining the Standards.
		Optional	Validation:
		A2A	[0..1] destination - used for Get, Modify, Cancel etc messages only
<Type>-</Type>	4x	Type	The type of identifier. This can be the URI of the registrar of the names.
		Mandatory	Validation:
		A2A	[1..1] only NAME is possible
<Id>-</Id>	30x	Entity Identifier	The actual identification of the entity Indicates PHA. Used for responses only.
		Mandatory	Validation:
		A2A	[1..1]
</To>		End of ReceivingEntityIdentification	
		Optional	Validation:
		A2A	[0..1]
<MsgName>-</MsgName>	30x	MessageName	Identifies the type of business transaction described in the payload.
		Optional	Validation:
			[0..1]The Message Name is optional in response messages, but mandatory for requests.
<MsgRef>-</MsgRef>	30x	MessageReference	It uniquely identifies a Message from a business

name of attribute	format	short description	description
			application standpoint. It must be unique between a "From" and a "To".
		Mandatory	Validation:
		A2A	[1..1] Not used in SSP
<CrDate>-</CrDate>	ISODateTime	CreationDateTime	Time when the message was created. This is the time the "From" claims to have created the message.
		Mandatory	Validation:
		A2A	[1..1] Time when the message was created
<Dup>		Duplicate Indication	sender of the initial request
		Mandatory	Validation:
			[1..1]
<Ref>-</Ref>		Duplicate Reference	
		Mandatory	Validation:
			[1..1]always "DN" for distinguished name
<Info>-</Info>	100x	Information	Indicates the DN of the initiator (CI)
		Mandatory	Validation:
			[1..1]
</Dup>		End duplicate indication	
		Mandatory	Validation:
			[1..1]
</AppHdr>		End of ApplicationHeader	end of ApplicationHeader
		Mandatory	Validation:
		A2A	

ApplicationHeaderPHAIntern_1

Scope: Sample for Return and Receipt messages

ApplicationHeader	<AppHdr>
InitiatingEntityIdentification	<From>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of InitiatingEntityIdentification	</From>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
Duplicate Indication	<Dup>
Duplicate Reference	<Ref>DN</Ref>
Information	<Info>cn=A2A-Application; ou=Payments; o=DEUTDEFF; o=SWIFT</Info>
End duplicate indication	</Dup>
End of ApplicationHeader	</AppHdr>

ApplicationHeaderPHAIntern_2

Scope: Sample for Get, Modify, Cancel etc. messages

ApplicationHeader	<AppHdr>
ReceivingEntityIdentification	<To>
Type	<Type>NAME</Type>
Entity Identifier	<Id>PHA</Id>
End of ReceivingEntityIdentification	</To>
MessageName	<MsgName>fourEyesPrinciple</MsgName>
MessageReference	<MsgRef>void</MsgRef>
CreationDateTime	<CrDate>2007-01-01T12:00:00</CrDate>
Duplicate Indication	<Dup>
Duplicate Reference	<Ref>DN</Ref>
Information	<Info>cn=A2A-Application; ou=Payments; o=DEUTDEFF; o=SWIFT</Info>
End duplicate indication	</Dup>
End of ApplicationHeader	</AppHdr>

6. 3 Common XML messages

6. 3. 1 GetBroadcast

SSP Proprietary Messages

GetBroadcast

Scope: The GetBroadcast message is sent to request for the broadcasts sent to the direct PM participant during the current business day. Independent which SSP module is mentioned within the Application Header, there will be always returned the whole broadcasts to the PM Participant. The A2A has to care or admister by himself, which broadcast he read and which is new. A2A will not support a status management. Within the Application Header following SSP modules (HAM, PM, RMM, SDM, SFM) can be mentioned.

- All sent and received broadcasts - in case of CB user
- only broadcasts for which the user is receiver - in case of all other users.
- in case of broadcasts to a group of receivers, they are only displayed once to the senders side, no matter how many receivers are addressed. On receivers side they are singled, so that each user can confirm the reading of his own broadcast

The GetBroadcast message is sent by the application of the direct PM participant.

The GetBroadcast message is replied by a ReturnBroadcast message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Broadcast Query Definition

Broadcast Criteria Defintion

NewCriteria

SearchCriteria

Broadcast Details

DateTimePeriodChoice

FromDateTime

ToDateTime

DateTimeRange

FromDateTime

ToDateTime

End of DateTimeRange

End of DateTimePeriodChoice

Subject

Receiver details

Responsible Central Bank

Country Code

End responsible Cental Bank

Participant BIC

User Role

End Receiver Details

Broadcast type

Sender

broadcast status

End of broadcast details

End of SearchCriteria

End of NewCriteria

End of Broadcast Criteria Defintion

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetBroadcast</Tp>

<SspPrtryDt>

<BrdQryDef>

<BrdCrit>

<NewCrit>

<SchCrit>

<Brd>

<DtTmSch>

<FrDtTm>2005-07-21T08:35:30</FrDtTm>

<ToDtTm>2005-07-21T08:35:30</ToDtTm>

<DtTmRg>

<FrDtTm>2005-07-21T08:35:30</FrDtTm>

<ToDtTm>2005-07-21T08:35:30</ToDtTm>

</DtTmRg>

</DtTmSch>

<Sbjt>Information period of Bilateral Settlement for AS is started</Sbjt>

<RecvrInf>

<RspnsblCB>

<Ctry>DE</Ctry>

</RspnsblCB>

<Ptcpt>DEUTDEFFXXX</Ptcpt>

<UsrRole>Payment/Liquidity Manager</UsrRole>

</RecvrInf>

<Tp>NORM</Tp>

<Sndr>System</Sndr>

<Sts>RECV</Sts>

</Brd>

</SchCrit>

</NewCrit>

</BrdCrit>

End of Broadcast Query Definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

```
| | | </BrdQryDef>
| | </SspPrtryDt>
| </PrtryData>
</PrtryMsg>
```

M
M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
			Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	
			DeleteHAMAccount	
			DeleteRTGSAccount	
			DeleteSFAccount	
			DeleteSubAccount	
			GetCalendar	
			GetCB	
			GetContactItem	
			GetDirectDebit	
			GetErrorCode	
			GetEvent	
			GetGOA	
			GetHAMAccount	
			GetLegalEntity	
			GetParticipant	
			GetRTGSAccount	
			GetSFAccount	
			GetSubAccount	
			GetT2Wildcard	
			GetAS	
			GetASSettBank	

name of attribute	format	short description	description	
			ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only GetBroadcast is possible	
		Mandatory	Validation:	
		A2A	[1..1]	
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data	
		Mandatory	Validation:	
		A2A	[1..1]	
<BrdQryDef>		Broadcast Query Definition	Broadcast Query Definition	
		Optional	Validation:	
		A2A	[0..1]	
<BrdCrit>		Broadcast Criteria Defintion	Broadcast Criteria Definition	
		Optional	Validation:	
		A2A	[0..1]	
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.	
		Mandatory	Validation:	
		A2A	[1..1]	
<SchCrit>		SearchCriteria	Defines the criteria used to search for.	
		Optional	Validation:	
		A2A	[0..1] when not stated all broadcasts sent to the participant will be selected	
<Brd>		Broadcast Details	Broadcast Details Search Criteria	
		Mandatory	Validation:	
		A2A	[1..1]	
<DtTmSch>		DateTimePeriodChoice	A choice between various date time patterns.	
			FromDateTime [1..1]	DateTimePeriodChoice
			ToDateTime [1..1]	DateTimePeriodChoice
			DateTimeRange [1..1]	DateTimePeriodChoice
			Delivery Date and Time	
		Optional	Validation:	
		A2A	[0..1] if nothing is selected "ALL" Broadcast Messages	

name of attribute	format	short description	description
are shown			
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
		Mandatory	Validation:
		A2A	[1..1]
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
		Mandatory	Validation:
		A2A	[1..1]
<DtTmRg>		DateTimeRange	Range of time between a start date and time and an end date and time.
		Mandatory	Validation:
		A2A	[1..1]
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
		Mandatory	Validation:
		A2A	[1..1] when not stated all broadcasts sent to the participant will be selected
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
		Mandatory	Validation:
		A2A	[1..1]
</DtTmRg>		End of DateTimeRange	
		Mandatory	Validation:
		A2A	[1..1]
</DtTmSch>		End of DateTimePeriodChoice	End of DateTimePeriodChoice
		Optional	Validation:
		A2A	[0..1]
<Sbjt>	140x	Subject	Subject line of an item of general business information, summarizing the topic and intended destination of the information.
			Subject
		Optional	Validation:
<RecvrInf>		A2A	[0..1] e.g. NewTarget2Directory, search for respective subject, wildcards are possible
		Receiver details	Receiver details: responsible CB, Receiver Participant, User Role
		Optional	free format tag ReceiverDetails
<RspnsblCB>		A2A	Validation:
		Responsible Central Bank	[0..1] all sent and received broadcast only in case of CB user, this function not available for other user profiles
		Optional	
<Ctry>-</Ctry>	21a	Country Code	Responsible Central Bank <SysId> or <Ctry>
		Optional	Validation:
		A2A	[0..1]

name of attribute	format	short description	description
			Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Alpha-2 code). Country Code Responsible CB Mandatory Validation: [1..1]
</RspnsblCB>		End responsible Cental Bank Optional A2A	end responsible Cental Bank Validation: [0..1]
<Ptcpt>-</Ptcpt>	11x	Participant BIC Optional A2A	free format tag Receiver Participant Receiver Participant BIC Validation: [0..1] if nothing is selected all values are searched, wildcards are possible
<UshrRole>-</UshrRole>	70x	User Role Optional A2A	free format tag Proprietary Role Receiver User Role Validation: [0..1] if nothing is selected all values are searched
</RecvrInf>		End Receiver Details Optional A2A	End Receiver Details Validation: [0..1]
<Tp>-</Tp>		Broadcast type Optional A2A	free format tag: Broadcast types: Alert = ALRT used for very important information, directly displayed at receivers side on an additional screen. This information is always captured by CB or SSP. Normal = NORM created in an automatic way by the system in special situations (related to a single message and the related participants) not so important information captured by CB or SSP user BroadcastType Validation: [0..1] if nothing is selected all values are searched
<Sndr>-</Sndr>	35x	Sender Optional A2A	free format tag Sender values: SSP operator, CB <CC>, System Sender Validation: [0..1] if nothing is selected all values are searched
<Sts>-</Sts>		broadcast status	free format tag broadcast status RECV = received

name of attribute	format	short description	description
			READ = read DELI = delivered (only for CB's)
	Optional A2A		Validation: [0..1] values for received broadcasts: "received", "read" default value: "received" in case broadcast type = "normal" value for send broadcasts (only for CB available): delivered
</Brd>		End of broadcast details	end broadcast details search criteria
	Mandatory A2A		Validation: [1..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
	Optional A2A		Validation: [0..1]
</NewCrit>		End of NewCriteria	End of NewCriteria
	Mandatory A2A		Validation: [1..1]
</BrdCrit>		End of Broadcast Criteria Definition	End of Broadcast Criteria Definition
	Optional A2A		Validation: [0..1]
</BrdQryDef>		End of Broadcast Query Definition	End of Broadcast Query Definition
	Optional A2A		Validation: [0..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
	Mandatory A2A		Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
	Mandatory A2A		Validation: [1..1]
</PrtryMsg>		End proprietary message	
	Mandatory A2A		Validation:

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnBroadcast
2	P08	-	-	P008	Error Text: You are not allowed to select the element Receiver Information Validation: <RecvrInf>-</RecvrInf> all sent and received broadcast only in case of CB user, this function not available for other user profiles Remark: checked by ICM / ReturnBroadcast
3	P09	-	-	P009	Error Text: You are not allowed to select this broadcast status Validation: Broadcast Status<Sts>-</Sts> values for send broadcasts (only for CB available): "delivered" Remark: checked by ICM / ReturnBroadcast
4	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnBroadcast
5	P24	-	-	P024	Error Text: No Broadcast Information found Validation: available Broadcast Information Remark: ReturnBroadcast

GetBroadcast _1

Scope: Get Broadcast request with all possible search criteria (Requestor CB)

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Broadcast Query Definition

Broadcast Criteria Defintion

NewCriteria

SearchCriteria

Broadcast Details

DateTimePeriodChoice

FromDateTime

End of DateTimePeriodChoice

Subject

Receiver details

Participant BIC

User Role

End Receiver Details

Broadcast type

Sender

broadcast status

End of broadcast details

End of SearchCriteria

End of NewCriteria

End of Broadcast Criteria Defintion

End of Broadcast Query Definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>PMABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetBroadcast</Tp>

<SspPrtryDt>

<BrdQryDef>

<BrdCrit>

<NewCrit>

<SchCrit>

<Brd>

<DtTmSch>

<FrDtTm>2005-07-21T08:35:30</FrDtTm>

</DtTmSch>

<Sbjt>Information period of Bilateral Settlement for AS is started</Sbjt>

<RecvrInf>

<Ptcpt>DEUTDEFFXXX</Ptcpt>

<UsrRole>Payment/Liquidity Manager</UsrRole>

</RecvrInf>

<Tp>NORM</Tp>

<Sndr>System</Sndr>

<Sts>RECV</Sts>

</Brd>

</SchCrit>

</NewCrit>

</BrdCrit>

</BrdQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

GetBroadcast _2

Scope: Get Broadcast request with all broadcasts since a certain time

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>PM123</Ref>

End Message Identification

</MsgId>

Proprietary Data

<PrtryData>

M

Proprietary Data type

<Tp>GetBroadcast</Tp>

SSP Proprietary Data

<SspPrtryDt>

Broadcast Query Definition

<BrdQryDef>

Broadcast Criteria Defintion

<BrdCrit>

NewCriteria

<NewCrit>

SearchCriteria

<SchCrit>

Broadcast Details

<Brd>

DateTimePeriodChoice

<DtTmSch>

FromDateTime

<FrDtTm>2005-07-21T08:35:30</FrDtTm>

End of DateTimePeriodChoice

</DtTmSch>

End of broadcast details

</Brd>

End of SearchCriteria

</SchCrit>

End of NewCriteria

</NewCrit>

End of Broadcast Criteria Defintion

</BrdCrit>

End of Broadcast Query Definition

</BrdQryDef>

End of SSP Proprietary Data

</SspPrtryDt>

End of Proprietary Data

</PrtryData>

M

End proprietary message

</PrtryMsg>

M

6. 3. 2 GetPendingData

SSP Proprietary Messages

GetPendingData

Scope: The GetPendingData message is sent to asynchronously retrieve the result of a previous inquiry that was disrupted by the ICM server because of a timeout event.
"Timeout event" in this context means that the execution of the request received by the ICM server takes longer than the allowed time. Therefore it was distributed by the ICM server. Within the Application Header following SSP modules (HAM, PM, RMM, SDM, SFM and PHA) can be mentioned.

The GetPendingData message can be sent by the application of a direct PM participant.

The GetPendingData message will be replied by the XML response related to the previously sent XML request. The information given with the response message is the input for the GetPendingData message as follows.

Response elements:

- RltdRef/Ref or
- Rela/Ref or
- BizQryRef/QryRef

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

PendingDataQueryDefinition

PendingDataCriteria

NewCriteria

SearchCriteria

Additional Reference

Reference

End of Additional Reference

End of SearchCriteria

End of NewCriteria

End of PendingDataCriteria

End of PendingDataQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetPendingData</Tp>

<SspPrtryDt>

<PndDtQryDef>

<PndDtCrit>

<NewCrit>

<SchCrit>

<RltdRef>

<Ref>ABC</Ref>

</RltdRef>

</SchCrit>

</NewCrit>

</PndDtCrit>

</PndDtQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory A2A	Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Message Reference Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS	

name of attribute	format	short description	description
			ReturnASettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard
		Mandatory	Validation:
		A2A	[1..1] here only GetPendingData is possible
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
<PndDtQryDef>		PendingDataQueryDefinition	PendingDataQueryDefinition
		Mandatory	Validation:
		A2A	[1..1]
<PndDtCrit>		PendingDataCriteria	PendingDataCriteria
		Mandatory	Validation:
		A2A	[1..1]
<NewCrit>		NewCriteria	
		Mandatory	Validation:
		A2A	[1..1]
<SchCrit>		SearchCriteria	
		Mandatory	Validation:
		A2A	[1..1]
<RltdRef>		Additional Reference	Additional Reference
			Pending Data Identification
		Mandatory	Validation:
		A2A	[1..1]
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference
			The timeout status message (Receipt or Return message) includes the related reference for the later access to the data. The exact returned element depends on the type of message: Returned SWIFT standard, Receipt or SSP proprietary
		Mandatory	Validation:
		A2A	[1..1]
</RltdRef>		End of Additional Reference	End of Additional Reference
		Mandatory	Validation:

name of attribute	format	short description	description	
		A2A	[1..1]	
</SchCrit>		End of SearchCriteria		
		Mandatory	Validation:	
		A2A	[1..1]	
</NewCrit>		End of NewCriteria		
		Mandatory	Validation:	
		A2A	[1..1]	
</PndDtCrit>		End of PendingDataCriteria		
		Mandatory	Validation:	
		A2A	[1..1]	
</PndDtQryDef>		End of PendingDataQueryDefinition	End of PendingDataQueryDefinition	
		Mandatory	Validation:	
		A2A	[1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation:	
		A2A	[1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	
		A2A		

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X02	-	-	1002	Error Text: Data not yet available Validation: After the execution timeout the pending data must have been prepared in the background Remark: try again later Response: Receipt
2	X05			1005	Error Text: Data not available Validation: The related reference ("RltdRef") must indicate an existing pending data. The pending data must not have been retrieved before. Remark: Receipt
3	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by SSP

GetPendingData_1

Scope: Sample:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

PendingDataQueryDefinition

PendingDataCriteria

NewCriteria

SearchCriteria

Additional Reference

Reference

End of Additional Reference

End of SearchCriteria

End of NewCriteria

End of PendingDataCriteria

End of PendingDataQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABCVWXYZ123456789</Ref>

</MsgId>

<PrtryData>

<Tp>GetPendingData</Tp>

<SspPrtryDt>

<PndDtQryDef>

<PndDtCrit>

<NewCrit>

<SchCrit>

<RltdRef>

<Ref>ABCDEFGHJKLMNOPQRSTUVWXYZ123456789</Ref>

</RltdRef>

</SchCrit>

</NewCrit>

</PndDtCrit>

</PndDtQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

6. 3. 3 GetSystemTime

SSP Proprietary Messages

GetSystemTime

Scope: The GetSystemTime message is sent to receive the system time of the SSP. It can be used to check the connection between the application of the direct PM participant and the ICM server. Within the Application Header following SSP modules (HAM, PM, RMM, SDM, SFM and PHA) can be mentioned, the result is always the same system time.

The GetSystemTime message can be sent by the application of a any participant in SSP.

The GetSystemTime message is replied by a ReturnSystemTime message.

The execution of the GetSystemTime message requires no RBA role. Every customer client application who has access to the SSP service is allowed to execute the connection test.

<camt.998.001.xx>

Structure:

Name Proprietary message	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>ABC123</Ref>	
End Message Identification	</MsgId>	
Proprietary Data	<PrtryData>	M
Proprietary Data type	<Tp>GetSystemTime</Tp>	
SSP Proprietary Data	<SspPrtryDt>	
System Time Query Definition	<SysTmQryDef/>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory A2A	Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Message Reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS	

name of attribute	format	short description	description
			ReturnASettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
<SysTmQryDef>	empty	System Time Query Definition	System Time Query Definition
		Mandatory	Validation:
		A2A	[1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:
		A2A	

GetSystemTime_1

Scope: Sample:

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Ref>

End Message Identification

</MsgId>

Proprietary Data

<PrtryData>

M

Proprietary Data type

<Tp>GetSystemTime</Tp>

SSP Proprietary Data

<SspPrtryDt>

System Time Query Definition

<SysTmQryDef/>

End of SSP Proprietary Data

</SspPrtryDt>

End of Proprietary Data

</PrtryData>

M

End proprietary message

</PrtryMsg>

M

6. 3. 4 GetTask

SSP Proprietary Messages

GetTask

Scope: The GetTask message is sent by the customer client application to the SSP server. It is used to query the task queue of a single SSP module.

Related SSP modules: HAM, PM, RMM, SDM, SFM or PHA

The query can be either the search for all tasks with a certain status, or the search for a certain task with a given reference. To retrieve the whole task queue of a SSP module, the query can be executed with no constrains. The query can be executed on behalf of a third party in case of CB. The participant who inserted the task in the task queue has access only to it's own tasks, with the exception of CB's.

The GetTask message can be sent by the application of any participant in SSP.

The GetTask message will be replied by a ReturnTask message.

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

TaskQueryDefinition

TaskCriteriaDefinition

NewCriteria

SearchCriteria

choice amongst

TaskIdentificationSearchCriteria

Additional Reference

Reference

End of Additional Reference

End of TaskIdentificationSearchCriteria

TaskStatus

End choice amongst

Requestor

BIC

End Requestor

End of SearchCriteria

End of NewCriteria

End of TaskCriteriaDefinition

End of TaskQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetTask</Tp>

<SspPrtryDt>

<TskQryDef>

<TskCrit>

<NewCrit>

<SchCrit>

xorTskIdTskSts

<TskId>

<RltdRef>

<Ref>XYZ987</Ref>

</RltdRef>

</TskId>

<TskSts>completed</TskSts>

/xorTskIdTskSts

<Req>

<BIC>DEUTDEFF</BIC>

</Req>

</SchCrit>

</NewCrit>

</TskCrit>

</TskQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory A2A	Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Message Reference Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS	

name of attribute	format	short description	description
			ReturnASettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard
		Mandatory	Validation:
		A2A	[1..1] here only GetTask is possible
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
<TskQryDef>		TaskQueryDefinition	TaskQueryDefinition
		Mandatory	Validation:
		A2A	[1..1]
<TskCrit>		TaskCriteriaDefinition	TaskCriteriaDefintion
		Optional	Validation:
		A2A	[0..1]
<NewCrit>		NewCriteria	
		Mandatory	Validation:
		A2A	[1..1]
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Mandatory	Validation:
		A2A	[1..1] when not stated all tasks captured by all users of the participant will be selected
xorTskIdTskSts		choice amongst	choice amongst TskId or TskSts
		Optional	Validation:
<TskId>		TaskIdentificationSearchCriteria	TaskIdentificationSearchCriteria
		Mandatory	Validation:
		A2A	[0..1]
<RItdRef>		Additional Reference	Additional Reference
		Mandatory	Validation:
		A2A	[1..1]
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
</RltdRef>		End of Additional Reference	End of Additional Reference
		Mandatory	Validation:
		A2A	[1..1]
</TskId>		End of TaskIdentificationSearchCriteria	end of TaskIdentificationSearchCriteria
		Mandatory	Validation:
		A2A	[0..1]
<TskSts>-</TskSts>		TaskStatus	TaskStatus
		Optional	Validation:
		A2A	[0..1]value="toConfirm" "waiting", "processing", "revoked","rejected", "completed", "pending" (only relevant for module PM, in combination with other modules this "pending status" is not allowed)
/xorTskIdTskSts		End choice amongst	end choice amongst TaskIdentification and TaskStatus
		Optional	Validation:
		A2A	
<Reqr>		Requestor	Requestor used on behalf of third parties
		Optional	Validation:
		A2A	[0..1]used in the case on behalf of third party, only for central banks. CB requesting for tasks captured by a initiator, for which CB is responsible for. The co-manager and the GoA manager who inserted the task in the task queue, has only access to it's own tasks, they have inserted directly (e.g. co-managers and GoA manager have no access right to task inserted by co- managed participant or members of his group of account). Requestor BIC is the co-manager or GoA manager: task they have inserted for their own account, and tasks - if they have inserted - on behalf of their participant. Requestor BIC is a co-managed participant or member of a group of accounts: task the participant has inserted for his own account.
<BIC>-</BIC>	11x	BIC	BICIdentifier
			Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.
		Mandatory	Validation:
		A2A	[1..1]when not stated the BIC of the participant is used
</Reqr>		End Requestor	End Requestor
		Optional	Validation:
		A2A	[0..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation:
		A2A	[1..1]
</NewCrit>		End of NewCriteria	

M

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
</TskCrit>		End of TaskCriteriaDefinition	End of TaskCriteriaDefintion
		Optional	Validation:
		A2A	[0..1]
</TskQryDef>		End of TaskQueryDefinition	End of TaskQueryDefinition
		Mandatory	Validation:
		A2A	[1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:
		A2A	

M

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM/ ReturnTask
2	X34	-	-	1304	Error Text: No task-queue information found Validation: tasks have to be available for the A2A requests. Certain tasks are only available via U2A Remark: No element in the returnTask to return an operating error / Receipt
2	X34	-	-	1304	Error Text: No task-queue information found Validation: <RltdRef><Ref> The query must at least result to one task or one task must be found Remark: No element in the returnTask to return an operating error / Receipt
3	X34	-	-	1304	Error Text: No task-queue information found Validation: <TskSts>-</TskSts> the query must at least result to one task or one task must be found Remark: No element in the returnTask to return an operating error / Receipt
4	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Reqr/BIC value must indicate the CI itself Remark: checked by ICM/ ReturnTask
5	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: Reqr/BIC value must indicate the group of accounts manager Remark: checked by ICM/ ReturnTask
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Reqr/BIC value must indicate the CB itself or a participant who is managed by the CB Remark: checked by ICM/ ReturnTask
7	H01		XI01	H001	Error Text: Sender not allowed Validation: The participant who inserted the task in the task queue, has only access to ist own tasks, he has inserted directly (e.g. co-managers have no access right to task inserted by co-managed participants) Remark: checked by HAM/ ReturnTask
8	H01		XI01	H001	Error Text: Sender not allowed Validation: The participant who inserted the task in the task queue, has only access to ist own tasks, he has inserted directly (e.g. co-managers have no access right to task inserted by co-managed participants) Remark: checked by SF/ ReturnTask
9	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnTask
10	X34	-	-	1304	Error Text: No task-queue information found

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Validation: The search with status "pending" is only allowed in combination with related module PM. Remark: No element in the returnTask to return an operating error / Receipt

GetTask_1

Scope: Sample: Query for all tasks with certain status

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

TaskQueryDefinition

TaskCriteriaDefinition

NewCriteria

SearchCriteria

TaskStatus

End of SearchCriteria

End of NewCriteria

End of TaskCriteriaDefinition

End of TaskQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC12356</Ref>

</MsgId>

<PrtryData>

<Tp>GetTask</Tp>

<SspPrtryDt>

<TskQryDef>

<TskCrit>

<NewCrit>

<SchCrit>

<TskSts>toConfirm</TskSts>

</SchCrit>

</NewCrit>

</TskCrit>

</TskQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

GetTask_2

Scope: Sample: Query for certain task

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

TaskQueryDefinition

TaskCriteriaDefinition

NewCriteria

SearchCriteria

TaskIdentificationSearchCriteria

Additional Reference

Reference

End of Additional Reference

End of TaskIdentificationSearchCriteria

End of SearchCriteria

End of NewCriteria

End of TaskCriteriaDefinition

End of TaskQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC1234</Ref>

</MsgId>

<PrtryData>

<Tp>GetTask</Tp>

<SspPrtryDt>

<TskQryDef>

<TskCrit>

<NewCrit>

<SchCrit>

<TskId>

<RltdRef>

<Ref>ABCDEFGHIJKLMNO1234</Ref>

</RltdRef>

</TskId>

</SchCrit>

</NewCrit>

</TskCrit>

</TskQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

GetTask_3

Scope: Sample: Query without constraint

Name Proprietary message	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>ABC123</Ref>	
End Message Identification	</MsgId>	
Proprietary Data	<PrtryData>	M
Proprietary Data type	<Tp>GetTask</Tp>	
SSP Proprietary Data	<SspPrtryDt>	
TaskQueryDefinition	<TskQryDef/>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

GetTask_4

Scope: GetTask request on behalf of third party

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

TaskQueryDefinition

TaskCriteriaDefinition

NewCriteria

SearchCriteria

Requestor

BIC

End Requestor

End of SearchCriteria

End of NewCriteria

End of TaskCriteriaDefinition

End of TaskQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetTask</Tp>

<SspPrtryDt>

<TskQryDef>

<TskCrit>

<NewCrit>

<SchCrit>

<Reqr>

<BIC>DEUTDEFF</BIC>

</Reqr>

</SchCrit>

</NewCrit>

</TskCrit>

</TskQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

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6. 3. 5 Receipt

Cash Management Standard

Receipt

M

Scope: The Receipt message is used to return a technical response to the application of the participant.

It is used for the following purposes:

Response to Delete- and Modify- messages:

- Statement of a technical error message: If applicable, a related reference for the subsequent protocol messages is returned
- Confirmation, that a task is stored in the task queue: a related reference for the subsequence processing (e.g. confirmation) of the task is returned

Response to Get-messages:

Indication of a serious error, e. g. when the type of message can not be evaluated or is unknown

Success means:

- the task is o.k. from technical point of view
- the task has been inserted in the task queue

Error means:

- during the input processing an error has occurred
- the task has not been inserted in the task queue

The connected request is performed e.g. by the following messages

- BackupPayment
- CancelTransaction
- DeleteLimit
- DeleteReservation
- LiquidityCreditTransfer
- ModifyCreditLine
- ModifyLimit
- ModifyReservation
- ModifyStandingOrder
- ModifyTransaction
- ReleasePayment

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Structure:

message name receipt

Message Identification

Identification

End Message Identification

Receipt details

Additional Reference

Reference

End of Additional Reference

RequestHandling

StatusCode

Description

End of Request Handling

End of Receipt details

End message name Receipt

<Rct>

<MsgId>

<Id>ABC1234</Id>

</MsgId>

<RctDtIs>

<RltdRef>

<Ref>ABC123</Ref>

</RltdRef>

<ReqHdlg>

<StsCd>0000</StsCd>

<Desc>O.k.</Desc>

</ReqHdlg>

</RctDtIs>

</Rct>

M

A

M

A

M

Attributes:

name of attribute	format	short description	description	
<Rct>		message name receipt Mandatory A2A	Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]	
<RctDtls>		Receipt details Mandatory	may be multiple in case of deletion/modification of several standing order or current limits Validation: [1..n]	A
<RltdRef>		Additional Reference Mandatory A2A	Additional Reference Reference to the task, generated by SSP module Validation: [1..1] successful write operation: task identification, status codes 1001 and 1003: protocol data identification, other: reference to the query In case of an error Message Id of the request	
<Ref>-</Ref>	35x	Reference Mandatory A2A	The reference of the original message, in case this is a duplicate. In a Receipt for ModifyLimit_SD the task queue reference will be replaced by bilateral counterpart or codeword MULT. Validation: [1..1] Reference according to the initiating message. = Reference of the task (e. g. needed for GetTask message) or in case an error is reported the original <MsgId> of the initiating request	M
</RltdRef>		End of Additional Reference Mandatory A2A	End of Additional Reference Validation: [1..1]	
<ReqHdlg>		RequestHandling Mandatory A2A	Gives the status of the request. Status Code Description technical error Validation: *****[1..1]differs from the CashManagementStandard in SSP should be mandatory [1..1]	

name of attribute	format	short description	description
<StsCd>-</StsCd>	4!x	StatusCode	Specifies the status of the request.
			Specifies an alphanumeric string with a maximum length of 4 characters.
			XML Name: Max4AlphaNumericText XML Type: string Example: aBc9 Separate Specification see UDFS Error Codes
<Desc>-</Desc>	140x	Mandatory	Validation:
		A2A	[1..1]
		Optional	Validation:
</ReqHdlg>		Description	Specification of the error, in free format.
		Optional	Validation:
		A2A	[0..1]
</ReqHdlg>		End of Request Handling	End of Request Handling
		Mandatory	Validation:
		A2A	*****[1..1]
</RctDtls>		End of Receipt details	A
		Mandatory	
			Validation: [1..n]
</Rct>		End message name Receipt	M
		Mandatory	
		A2A	Validation:

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark:
2	X01	-	-	1001	Error Text: Execution timeout limit exceeded Validation: The execution must not take longer than 30 sec. Remark:
3	X02	-	-	1002	Error Text: Data not yet available Validation: Remark:
4	X03	-	-	1003	Error Text: Message size limit exceeded Validation: The size of the response must not be larger than the maximum size for SWIFTnet InterAct. Remark: This size is defined by SSP and considerably lower than 100.000 Byte. Remark:
5	X04	-	-	1004	Error Text: File size limit exceeded (Sw:RejectDescription) Validation: Remark:
6	X05			1005	Error Text: Data not available Validation: Remark:
7	X07	-	-	1101	Error Text: An application header must be send with each message Validation: Remark:
8	X08	-	-	1102	Error Text: The payload must not be empty Validation: Remark:
10	X11	-	-	1199	Error Text: free text (parser output) Validation: Remark:
11	X34	-	-	1304	Error Text: No task-queue information found Validation: Remark:
12	X35	-	-	1305	Error Text: The query name is not related to a previous query. Validation: Remark:
13	X22	-	-	9999	Error Text: General system error Validation:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
Remark:					
14	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark:
15	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Remark:
16	X43	-	-	1403	Error Text: No permission. At least one RBAC role is reserved in A2A mode only but used in U2A Validation: Remark:
17	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: Remark:
18	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Remark:
19	X48	-	-	1408	Error Text: Interaction only possible for the virtual account manager Validation: Remark:
20	X49	-	-	1409	Error Text: No permission. At least one RBAC role is reserved in U2A mode only but used in A2A Validation: Remark:
21	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark:

Receipt_1

Scope: Sample: Execution timeout limit exceeded

message name receipt

<Rct>

M

Message Identification

<MsgId>

Identification

<Id>ABC1234</Id>

End Message Identification

</MsgId>

Receipt details

<RctDtIs>

A

Additional Reference

<RItdRef>

Reference

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ</Ref>

End of Additional Reference

</RItdRef>

RequestHandling

<ReqHdlg>

StatusCode

<StsCd>1001</StsCd>

Description

<Desc>Execution timeout limit exceeded</Desc>

End of Request Handling

</ReqHdlg>

End of Receipt details

</RctDtIs>

A

End message name Receipt

</Rct>

M

Receipt_2

Scope: Sample: Data not yet available

message name receipt

Message Identification

Identification

End Message Identification

Receipt details

Additional Reference

Reference

End of Additional Reference

RequestHandling

StatusCode

Description

End of Request Handling

End of Receipt details

End message name Receipt

<Rct>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

</MsgId>

<RctDtIs>

<RItdRef>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ</Ref>

</RItdRef>

<ReqHdlg>

<StsCd>1002</StsCd>

<Desc>Data not yet available</Desc>

</ReqHdlg>

</RctDtIs>

</Rct>

M

A

A

M

Receipt_3

Scope: Sample: Message size limit exceeded

message name receipt

Message Identification

Identification

End Message Identification

Receipt details

Additional Reference

Reference

End of Additional Reference

RequestHandling

StatusCode

Description

End of Request Handling

End of Receipt details

End message name Receipt

<Rct>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

</MsgId>

<RctDtIs>

<RItdRef>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ</Ref>

</RItdRef>

<ReqHdlg>

<StsCd>1003</StsCd>

<Desc>Message size limit exceeded</Desc>

</ReqHdlg>

</RctDtIs>

</Rct>

M

A

A

M

Receipt_4

Scope: Sample: O.k.

message name receipt

Message Identification

Identification

End Message Identification

Receipt details

Additional Reference

Reference

End of Additional Reference

RequestHandling

StatusCode

Description

End of Request Handling

End of Receipt details

End message name Receipt

<Rct>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

</MsgId>

<RctDtls>

<RltdRef>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ</Ref>

</RltdRef>

<ReqHdlg>

<StsCd>0000</StsCd>

<Desc>O.k.</Desc>

</ReqHdlg>

</RctDtls>

</Rct>

M

A

A

M

6. 3. 6 ReturnBroadcast

SSP Proprietary Messages

ReturnBroadcast

Scope: The ReturnBroadcast message is used to return the broadcasts sent to the direct PM participant during the current business day.

The connected request is performed by a GetBroadcast message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

choice

BusinessReport

Broadcast Report

Broadcast Details

Sender

Receiver details

Receiver details

choice amongst

Responsible Central Bank

Country Code

End responsible Cental Bank

Participant BIC

End choice amongst

Receiver Details

User Role

End Receiver Details

Broadcast type

Subject

SubjectDetails

DateTime

broadcast status

Expiration Date

End Broadcast Details

End of Broadcast Report

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<Rltd>

<Ref>KLMN123</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnBroadcast</Tp>

<SspPrtryDt>

xorBizRptOprlErr

<BizRpt>

<BrdRpt>

<BrdDtls>

<Sndr>System</Sndr>

<RecvrInf>

<RcvrDtls>

xorRspnsblCBPtcpt

<RspnsblCB>

<Ctry>DE</Ctry>

</RspnsblCB>

<Ptcpt>DRESDEFFXXX</Ptcpt>

/xorRspnsblCBPtcpt

</RcvrDtls>

<UsrRole>PaymentManager</UsrRole>

</RecvrInf>

<Tp>NORM</Tp>

<Sbjt>Payment PM / HAM failed</Sbjt>

<SbjtDtls>Payment from PM to a CB's customer in HAM that fails in HAM.</SbjtDtls>

<DtTm>2002-07-21T08:35:30</DtTm>

<Sts>RECV</Sts>

<ExpDt>2007-05-04</ExpDt>

</BrdDtls>

</BrdRpt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>9999</Prtry>

</Err>

<Desc>General system error</Desc>

</OprlErr>

End choice
End of SSP Proprietary Data
End of Proprietary Data
End proprietary message

| | | /xorBizRptOpriErr
| | | </SspPrtryDt>
| | | </PrtryData>
| | | </PrtryMsg>

M
M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
			Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<Rltd>		Related	References a previously received message.	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
			Message Identification of the initiating Get Message (here Get Broadcast)	
		Mandatory	Validation:	
		A2A	[1..1]	
</Rltd>		End of Related	End of Related	M
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	

name of attribute	format	short description	description
			DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only ReturnBroadcast is possible
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		choice	choice amongst BizRpt und OprlErr
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
		A2A	
<BizRpt>		BusinessReport	BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<BrdRpt>		Broadcast Report	Broadcast Report
		Mandatory	Validation:
		A2A	[1..n]
<BrdDtls>		Broadcast Details	Broadcast Details

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
<Sndr>-</Sndr>	35x	Sender	free format tag Sender values: SSP operator, CB <CC>, System
		Mandatory	Validation:
		A2A	[1..1]
<RecvrInf>		Receiver details	Receiver details: responsible CB, Receiver Participant, User Role free format tag
		Optional	Validation:
		A2A	[0..1] only displayed for CB's
<RcvrDtls>		Receiver details	
		Optional	Validation:
		A2A	[0..1]
xorRspnsblCBPtcpt		choice amongst	choice amongst all participants of responsible CB or Participant BIC
		Mandatory	Validation:
<RspnsblCB>		Responsible Central Bank	Responsible Central Bank <SysId> or <Ctry>
		Mandatory	Validation:
		A2A	[1..1]
<Ctry>-</Ctry>	2!a	Country Code	Country Code Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Alpha-2 code).
		Mandatory	Validation:
		A2A	[1..1]
</RspnsblCB>		End responsible Cental Bank	end responsible Cental Bank
		Mandatory	Validation:
		A2A	[1..1]
<Ptcpt>-</Ptcpt>	11x	Participant BIC	free format tag Receiver Participant
		Mandatory	Validation:
		A2A	[1..1]
/xorRspnsblCBPtcpt		End choice amongst	end choice amongst all participants of responsible CB or Participant BIC
		Mandatory	Validation:
</RcvrDtls>		Receiver Details	

name of attribute	format	short description	description
		Optional A2A	Validation: [0..1]
<UshrRole>-</UshrRole>	70x	User Role	free format tag Proprietary Role
		Optional A2A	Validation: [0..1]
</RecvrInf>		End Receiver Details	End Receiver Details
		Optional A2A	Validation: [0..1]
<Tp>-</Tp>		Broadcast type	free format tag: Broadcast types: Alert = ALRT used for very important information, directly displayed at receivers side on an additional screen. This information is always captured by CB or SSP. Normal = NORM created in an automatic way by the system in special situations (related to a single message and the related participants) not so important information captured by CB or SSP user
		Mandatory A2A	Validation: [1..1]
<Sbjt>	140x	Subject	Subject line of an item of general business information, summarizing the topic and intended destination of the information. Subject
		Mandatory A2A	Validation: [1..1] e.g. NewTarget2Directory, search for respective subject, wildcards are possible
<SbjtDtls>	770x	SubjectDetails	General business information, in unstructured form text
		Mandatory A2A	Validation: [1..1]
<DtTm>	ISODateTime	DateTime	A specified date and time. Delivery Date and Time
		Mandatory A2A	Validation: [1..1]
<Sts>-</Sts>		broadcast status	free format tag broadcast status RECV = received READ = read DELI = delivered (only for CB's) Broadcast status
		Mandatory A2A	Validation: [1..1] values for received broadcasts: "received", "read" default value: "received" in case broadcast type = "normal" values for send broadcasts (only for CB available): "delivered"

name of attribute	format	short description	description
<ExpDt>-</ExpDt>	ISODate	Expiration Date	Expiration Date
		Mandatory	Validation:
		A2A	[1..1]
</BrdDtIs>		End Broadcast Details	End Broadcast Details
		Mandatory	Validation:
		A2A	[1..1]
</BrdRpt>		End of Broadcast Report	End of Broadcast Report
		Mandatory	Validation:
		A2A	[1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<OpriErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
			Separate Specification see UDFS books regarding error codes
		Mandatory	Validation:
		A2A	[1..1]
<Err>		Error handling	
		Mandatory	Validation:
		A2A	[1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.
		Mandatory	Validation:
		A2A	[1..1]
</Err>		End error handling	
		Mandatory	Validation:
		A2A	[1..1]
			Validation:
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.
		Optional	Validation:
		A2A	[0..1]
</OpriErr>		End of Operational Error	End of Operational Error
		Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1]
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory A2A	Validation:
</SspPrtryDt>		End of SSP Proprietary Data Mandatory A2A	End of Root element for all SSP proprietary data Validation: [1..1]
</PrtryData>		End of Proprietary Data Mandatory A2A	End of Proprietary Data Validation: [1..1]
</PrtryMsg>		End proprietary message Mandatory A2A	Validation:

M

M

ReturnBroadcast_1

Scope: Return Broadcast with all Broadcast details (for CB), for all participants for the CB

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

BusinessReport

Broadcast Report

Broadcast Details

Sender

Receiver details

Receiver details

Responsible Central Bank

Country Code

End responsible Cental Bank

Receiver Details

End Receiver Details

Broadcast type

Subject

SubjectDetails

DateTime

broadcast status

Expiration Date

End Broadcast Details

End of Broadcast Report

End of BusinessReport

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123456</Ref>

</MsgId>

<Rltd>

<Ref>GHIJKLMN12345</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnBroadcast</Tp>

<SspPrtryDt>

<BizRpt>

<BrdRpt>

<BrdDtls>

<Sndr>System</Sndr>

<RecvrInf>

<RcvrDtls>

<RspnsblCB>

<Ctry>DE</Ctry>

</RspnsblCB>

</RcvrDtls>

</RecvrInf>

<Tp>NORM</Tp>

<Sbjt>Payment PM / HAM failed</Sbjt>

<SbjtDtls>XXXXXXXXXXXX</SbjtDtls>

<DtTm>2002-07-21T08:35:30</DtTm>

<Sts>RECV</Sts>

<ExpDt>2007-05-04</ExpDt>

</BrdDtls>

</BrdRpt>

</BizRpt>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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ReturnBroadcast_2

Scope: Return Broadcast with Broadcast details Participant (non CB) with the role of liquidity manager

Name Proprietary message	<PrtryMsg>				M
Message Identification	<MsgId>				
Reference	<Ref>PMGHIJKLMNOPQRST123456</Ref>				
End Message Identification	</MsgId>				
Related	<Rltd>				M
Reference	<Ref>GHIJKLMN12345</Ref>				
End of Related	</Rltd>				M
Proprietary Data	<PrtryData>				M
Proprietary Data type	<Tp>ReturnBroadcast</Tp>				
SSP Proprietary Data	<SspPrtryDt>				
BusinessReport	<BizRpt>				
Broadcast Report	<BrdRpt>				
Broadcast Details	<BrdDtls>				
Sender	<Sndr>System</Sndr>				
Receiver details	<RecvrInf>				
Receiver details	<RcvrDtls>				
Participant BIC	<Ptcpt>DRESDEFF</Ptcpt>				
Receiver Details	</RcvrDtls>				
User Role	<UsrRole>CU Payment Manager</UsrRole>				
End Receiver Details	</RecvrInf>				
Broadcast type	<Tp>NORM</Tp>				
Subject	<Sbjt>Payment PM / HAM failed</Sbjt>				
SubjectDetails	<SbjtDtls>Payment from PM to a CB's customer in HAM that fails in HAM.</SbjtDtls>				
DateTime	<DtTm>2002-07-21T08:35:30</DtTm>				
broadcast status	<Sts>RECV</Sts>				
Expiration Date	<ExpDt>2007-05-04</ExpDt>				
End Broadcast Details	</BrdDtls>				
End of Broadcast Report	</BrdRpt>				
End of BusinessReport	</BizRpt>				
End of SSP Proprietary Data	</SspPrtryDt>				
End of Proprietary Data	</PrtryData>				M
End proprietary message	</PrtryMsg>				M

6. 3. 7 ReturnSystemTime

SSP Proprietary Messages

ReturnSystemTime

Scope: The ReturnSystemTime message is used to return the system time of the SSP (Actual system time of the SSP server). It is used to confirm that the connection from the SSP server is ok.

The connected request is performed by a GetSystemTime message.

Related modules:PM, HAM, RMM, SDM, SFM and PHA

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

choice

BusinessReport

SystemTimeReport

SystemTimeDetails

DateTime

End of SystemTimeDetails

End of SystemTimeReport

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End choice

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>-</Ref>

</MsgId>

<Rltd>

<Ref>BNM123</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnSystemTime</Tp>

<SspPrtryDt>

xorBizRptOprlErr

<BizRpt>

<SysTmRpt>

<SysTmDtls>

<SysTm>2007-01-01T12:00:00</SysTm>

</SysTmDtls>

</SysTmRpt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>1200</Prtry>

</Err>

<Desc>XYZxyz</Desc>

</OprlErr>

/xorBizRptOprlErr

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory A2A	Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Message Reference Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]	
<Rltd>		Related Mandatory A2A	References a previously received message. Validation: [1..1]	M
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Mandatory A2A	End of Related Validation: [1..1]	M
<PrtryData>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount	

name of attribute	format	short description	description
			DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		choice	choice amongst BizRpt und OprlErr
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
		A2A	
<BizRpt>		BusinessReport	BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<SysTmRpt>		SystemTimeReport	SystemTimeReport
		Mandatory	Validation:
		A2A	[1..1]
<SysTmDtls>		SystemTimeDetails	SystemTimeDetails
		Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1]
<SysTm></SysTm>		DateTime	DateTime
		Mandatory	Validation:
		A2A	[1..1]
</SysTmDtIs>		End of SystemTimeDetails	end of SystemTimeDetails
		Mandatory	Validation:
		A2A	[1..1]
</SysTmRpt>		End of SystemTimeReport	end of SystemTimeReport
		Mandatory	Validation:
		A2A	[1..1]
</BizRpt>		End of BusinessReport	
		Mandatory	Validation:
		A2A	[1..1]
<OprlErr>		OperationalError	Indicates an operational error
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
		A2A	[1..1]
<Err>		Error handling	
		Mandatory	Validation:
		A2A	[1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.
		Mandatory	Validation:
		A2A	[1..1]
</Err>		End error handling	
		Mandatory	Validation:
		A2A	[1..1]
			Validation:
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.
		Optional	Validation:
		A2A	[0..1]
</OprlErr>		End of Operational Error	End of Operational Error
		Mandatory	Validation:
		A2A	[1..1]
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then

name of attribute	format	short description	description	
			OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
		Mandatory A2A	Validation:	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory A2A	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory A2A	End of Proprietary Data	M
			Validation: [1..1]	
</PrtryMsg>		End proprietary message Mandatory A2A	Validation:	M

ReturnSystemTime_1

Scope: Sample:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

BusinessReport

SystemTimeReport

SystemTimeDetails

DateTime

End of SystemTimeDetails

End of SystemTimeReport

End of BusinessReport

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC1235689</Ref>

</MsgId>

<Rltd>

<Ref>ABCDEFGHJKLMNOPQRSTUVWXYZ123456789</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnSystemTime</Tp>

<SspPrtryDt>

<BizRpt>

<SysTmRpt>

<SysTmDtls>

<SysTm>2007-01-01T12:00:00</SysTm>

</SysTmDtls>

</SysTmRpt>

</BizRpt>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 3. 8 ReturnTask

SSP Proprietary Messages

ReturnTask

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Scope: The ReturnTask message is used to return the information about the tasks listed in the task queue. The ReturnTask messages is sent by the SSP server to report the current status of the elements in the task queue of a single SSP module.

The connected request is performed by a GetTask message.

Usage

Related module: HAM, PM, RMM, SDM, SFM and PHA

The message contains the following information:

- Identification of the task
- Entry date/time
- Current status of the task
- Error code and description (when the current status is (rejected)
- Last User
- Modification date (only used for SDM)
- Message body of the request that initiated the task or Remark: This is a reconstruction based on the available parameters and not the original request sent by the customer client.

The captured task is returned as separate XML document together with the payload. The payload is a queue of separate XML documents. Only one Application Header is used.

Illustration of the payload:

AppHdr ReturnTask Message ReturnTask Message etc.

Technical Examples

Both U2A users and A2A applications requested modifications. The send requests to the SSP which are stored in the task queue. An A2A application queries the task queue to get a report on all tasks (which have been generated by A2A) that have been executed during the day.

<camt.998.001.xx>

Structure:

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>ABC123</Ref>

End Message Identification

</MsgId>

Related

<Rltd>

M

Reference

<Ref>KLMN123</Ref>

End of Related

</Rltd>

M

Proprietary Data

<PrtryData>

M

Proprietary Data type

<Tp>ReturnTask</Tp>

SSP Proprietary Data

<SspPrtryDt>

choice

xorBizRptOprlErr

BusinessReport

<BizRpt>

Task report

<TskRpt>

Task Reference

<TskRef>

Additional Reference

<RltdRef>

Reference

<Ref>ABC</Ref>

End of Additional Reference

</RltdRef>

End of TaskReference

</TskRef>

Task details

<Tsk>

Task Entry

<TskNtry>

Entry Date / Time

<NtryDt>

DateTime

<DtTm>2008-07-21T08:35:30</DtTm>

End of Entry Date / Time

</NtryDt>

End task entry

</TskNtry>

task queue status

<TskQSts>

TaskStatus

<TskSts>completed</TskSts>

M

Task status reason	<TskStsRsn>	
ErrorCode	<ErrCd>2862</ErrCd>	
Description	<Desc>Request out of cut-off or time</Desc>	
End task status reason	</TskStsRsn>	
Last user DN	<LstUsr>cn=Josef,ou=tssp,ou=markdeff,o=swift</LstUsr>	
Task status date	<TskStsDt>	
Date	<Dt>2008-02-25</Dt>	
End task status date	</TskStsDt>	
End task queue status	</TskQSts>	
processing instruction	any	
End task details	</Tsk>	
End task report	</TskRpt>	
End of BusinessReport	</BizRpt>	
OperationalError	<OprlErr>	M
Error handling	<Err>	A
Proprietary error code	<Prtry>9999</Prtry>	A
End error handling	</Err>	A
		D
Description	<Desc>General system error</Desc>	M
End of Operational Error	</OprlErr>	
End choice	/xorBizRptOprlErr	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	The reference of the original message, in case this is a duplicate.	
			Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification		
		Mandatory	Validation:	
		A2A	[1..1]	
<Rltd>		Related	References a previously received message.	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
			Message Identification of the initiating Get Message (here GetTask)	
		Mandatory	Validation:	
		A2A	[1..1]	
</Rltd>		End of Related	End of Related	M
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	

name of attribute	format	short description	description
			ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		choice	choice amongst BizRpt und OprlErr
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
			[1..1]
<BizRpt>		BusinessReport	BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<TskRpt>		Task report	
		Mandatory	Validation:
		A2A	[1..n]
<TskRef>		Task Reference	Task Reference

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1] Unique and unambiguous identification of the task
<RltdRef>		Additional Reference	Additional Reference
		Mandatory	Validation:
		A2A	[1..1] identification of the task that has been returned to the initiator with the Receipt or related return message
		Reference	Unique and unambiguous reference
<Ref>-</Ref>	35x	Mandatory	Validation:
		A2A	[1..1]
</RltdRef>		End of Additional Reference	End of Additional Reference
		Mandatory	Validation:
		A2A	[1..1]
		End of TaskReference	End of TaskReference
</TskRef>		Mandatory	Validation:
		A2A	[1..1]
<Tsk>		Task details	
		Mandatory	Validation:
		A2A	[1..1]
		Task Entry	fixed parameters of a task
<TskNtry>		Mandatory	Validation:
		A2A	[1..1]
<NtryDt>		Entry Date / Time	Date and time at which an entry is posted to an account on the account servicer's books.
		Optional	Validation:
		A2A	[0..1]
		ISODateTime	DateTime
<DtTm>		Mandatory	Validation:
		A2A	[1..1]
</NtryDt>		End of Entry Date / Time	
		Optional	Validation:
		A2A	[0..1]
		End task entry	
</TskNtry>		Mandatory	Validation:
		A2A	[1..1]
<TskQSts>		task queue status	changing parameters of a task
		Mandatory	Validation:
		A2A	[1..1]
		<TskSts>-</TskSts>	TaskStatus
		<div>- toConfirm (the task has to be confirmed by a second user [in U2A mode] and will not be processed by then)</div> <div>- waiting (the task can be processed)</div> <div>- pending (only relevant for module PM, the task was</div>	

name of attribute	format	short description	description
			<p>tried to processed))</p> <ul style="list-style-type: none"> - processing (the task is processed at the moment) - revoked (the task has been revoked by a user) - rejected (an error was detected) - completed (the task was processed successfully) <p>In general requests via ICM (U2A/A2A) are processed via so called tasks. The status "completed" means all validations by ICM and the related module are successfully processed. A task should be stored with status "pending" (only relevant for PM module), if the task was already tried to process at least one time but it could not be finalised. The processing was interrupted after the storage of entries initiated by the task and before the final processing of these entries. The task will be updated and further processed, if the pre-conditions for the pending status (e.g. liquidity increase) are changed.</p> <p>Mandatory:</p> <p>A2A</p> <p>Validation:</p> <p>[1..1] current status of the task</p>
<TskStsRsn>		Task status reason	business error / error handling
		Optional	Validation:
		A2A	[0..1]business error - used when "TskSts" is "rejected"
<ErrCd>-</ErrCd>	4x	ErrorCode	Specification of the error, in coded form.
			Alphanumeric text
			Separate Specification see UDFS books regarding error Codes
		Mandatory	Validation:
		A2A	[1..1]
<Desc>-</Desc>	140x	Description	
		Optional	Validation:
		A2A	[0..1]
</TskStsRsn>		End task status reason	
		Optional	Validation:
		A2A	[0..1]
<LstUsr>-</LstUsr>	100x	Last user DN	free format tag
		Mandatory	Validation:
		A2A	[1..1]
<TskStsDt>		Task status date	
		Optional	Validation:
		A2A	[0..1]
<Dt>-</Dt>	ISODate	Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Mandatory	Validation:
		A2A	[1..1]Modification date only used for Static Data
</TskStsDt>		End task status date	
		Optional	Validation:
		A2A	[0..1]
</TskQSts>		End task queue status	
		Mandatory	Validation:

name of attribute	format	short description	description	
		A2A	[1..1]	
any		processing instruction	message body (business payload) of the request, that initiated the task e.g. report of a ModifyLimit and ModifyTransaction task from PM or other SSP modules.	
		Mandatory	Validation: [1..1]in case of an initiated U2A "payment modification", the elements of the LongBizId (TRN, amount, value date, message type, sender, receiver and potential related reference) will be displayed.	
</Tsk>		End task details		
		Mandatory	Validation:	
		A2A	[1..1]	
</TskRpt>		End task report		
		Mandatory	Validation:	
		A2A	[1..n]	
</BizRpt>		End of BusinessReport	End of BusinessReport	
		Mandatory	Validation:	
		A2A	[1..1]	
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.	M
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
			Separate Specification see UDFS books regarding error codes	
		Optional	Validation:	
		A2A	[0..1] technical error report	
<Err>		Error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation:	
		A2A	[1..1]	
</Err>		End error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
			Validation:	D
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	M
		Optional	Validation:	

name of attribute	format	short description	description
		A2A	[0..1]
</OprlErr>		End of Operational Error	End of Operational Error
	Optional		Validation:
	A2A		[0..1]
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
	Mandatory		Validation:
			[1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
	Mandatory		Validation:
	A2A		[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
	Mandatory		Validation:
	A2A		[1..1]
</PrtryMsg>		End proprietary message	
	Mandatory		Validation:
	A2A		

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ReturnTask_1

Scope: Report of rejected task (Modify Limit)
Please have a look for details of the complete ReturnTask structure within the general chapter of book 4.

Name Proprietary message	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>ABC123</Ref>	
End Message Identification	</MsgId>	
Related	<Rltd>	M
Reference	<Ref>ABC124</Ref>	
End of Related	</Rltd>	M
Proprietary Data	<PrtryData>	M
Proprietary Data type	<Tp>ReturnTask</Tp>	
SSP Proprietary Data	<SspPrtryDt>	
BusinessReport	<BizRpt>	
Task report	<TskRpt>	
Task Reference	<TskRef>	
Additional Reference	<RltdRef>	
Reference	<Ref>Task1</Ref>	
End of Additional Reference	</RltdRef>	
End of TaskReference	</TskRef>	
Task details	<Tsk>	
Task Entry	<TskNtry>	
Entry Date / Time	<NtryDt>	
DateTime	<DtTm>2008-07-21T08:35:30</DtTm>	
End of Entry Date / Time	</NtryDt>	
End task entry	</TskNtry>	
task queue status	<TskQSts>	
TaskStatus	<TskSts>rejected</TskSts>	
Task status reason	<TskStsRsn>	
ErrorCode	<ErrCd>2862</ErrCd>	
Description	<Desc>Request out of cut-off or time</Desc>	
End task status reason	</TskStsRsn>	
Last user DN	<LstUsr>cn=Josef,ou=tssp,ou=markdeff,o=swift</LstUsr>	M
End task queue status	</TskQSts>	
processing instruction	<Document xmlns="urn:swift:xsd:\$camt.011.001.03">payload of ModifyLimit</Document>	
End task details	</Tsk>	
End task report	</TskRpt>	
End of BusinessReport	</BizRpt>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

ReturnTask_2

Scope: Report of completed task
(ModifyTransaction)
Please have a look for details of the complete ReturnTask structure within the general chapter of book 4.

Name	Proprietary message	<PrtryMsg>	M
Message Identification		<MsgId>	
Reference		<Ref>ABC123</Ref>	
End Message Identification		</MsgId>	
Related		<Rltd>	M
Related		<Rltd>	M
Reference		<Ref>ABC124</Ref>	
Proprietary Data		<PrtryData>	M
Proprietary Data type		<Tp>ReturnTask</Tp>	
SSP Proprietary Data		<SspPrtryDt>	
BusinessReport		<BizRpt>	
Task report		<TskRpt>	
Task Reference		<TskRef>	
Additional Reference		<RltdRef>	
Reference		<Ref>Task2</Ref>	
End of Additional Reference		</RltdRef>	
End of TaskReference		</TskRef>	
Task details		<Tsk>	
Task Entry		<TskNtry>	
Entry Date / Time		<NtryDt>	
DateTime		<DtTm>2008-07-21T08:35:30</DtTm>	
End of Entry Date / Time		</NtryDt>	
End task entry		</TskNtry>	
task queue status		<TskQSts>	
TaskStatus		<TskSts>completed</TskSts>	
Last user DN		<LstUsr>cn=Josef,ou=tssp,ou=markdeff,o=swift</LstUsr>	M
End task queue status		</TskQSts>	
processing instruction		<Document xmlns="urn:swift:xsd:\$camt.007.001.03">payload of ModifyTransaction</Document>	
End task details		</Tsk>	
End task report		</TskRpt>	
End of BusinessReport		</BizRpt>	
End of SSP Proprietary Data		</SspPrtryDt>	
End of Proprietary Data		</PrtryData>	M
End proprietary message		</PrtryMsg>	M

6. 4 XML messages related to PM

6. 4. 1 BackupPayment

Cash Management Standard

BackupPayment_PM

Scope: The BackupPayment message (for CI customer) is used to create backup lump-sum and contingency payments in case the direct PM participant is temporarily not able to send SWIFTNet FIN messages. Backup lump-sum payments can be created in favour of other direct PM participants and TARGET1 participants (during migration period). Contingency payments can be created in favour of CLS, EURO1 and STEP2.

The BackupPayment message can be sent by the application of a direct PM participant after the functionality was released by the national help desk of his related CB.

The BackupPayment message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.023.001.xx>

Structure:

Message name for BackupPayment

Message Identification

Identification

End Message Identification

Payment Instruction Reference

Message business identification

End Payment Instruction Reference

Payment Instruction Information

RequestedExecutionDateTime

Payment Type

Payment Type

End Payment Type

End Payment Instruction Information

Amount

Amount without currency

End of Transferred Amount

Creditor

Member Identification

BIC

End of Member Identification

End of Creditor

Final Agent

Member Identification

BIC

End of Member Identification

End of Final Agent

First Agent

Member Identification

BIC

End of Member Identification

End First Agent

End of Message name for BackupPayment

<BckpPmt>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<PmtInstrRef>

<Id>981201123456AA</Id>

</PmtInstrRef>

<InstrInf>

<ReqdExctnDtTm>2002-07-21T08:35:30</ReqdExctnDtTm>

<PmtTp>

<PmtTp>CLS</PmtTp>

</PmtTp>

</InstrInf>

<TrfdAmt>

<AmtWthtCcy>123456.12</AmtWthtCcy>

</TrfdAmt>

<Cdtr>

<Mmbld>

<BIC>DRESDEFFXXX</BIC>

</Mmbld>

</Cdtr>

Final Agent

<Mmbld>

<BIC>CLSBUS33XXX</BIC>

</Mmbld>

</FnIAgt>

<FrstAgt>

<Mmbld>

<BIC>DEUTDEFFXXX</BIC>

</Mmbld>

</FrstAgt>

</BckpPmt>

Attributes:

name of attribute	format	short description	description	
<BckpPmt>		Message name for BackupPayment Mandatory A2A	Message name for BackupPayment Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
<PmtInstrRef>		Payment Instruction Reference Optional A2A	Payment Instruction Reference Validation: [0..1]	
<Id>-</Id>	16x	Message business identification Mandatory A2A	String of characters that uniquely identifies a message at senders side. Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. represents F21_RELATED_REF Validation: [1..1] max 16x used in Backup Payment CLS, EBA and STEP2	M
</PmtInstrRef>		End Payment Instruction Reference Optional A2A	End Payment Instruction Reference Validation: [0..1]	
<InstrInf>		Payment Instruction Information Optional A2A	Payment Instruction Information represents F72 Sender to Receiver Information Validation: [0..1]	
<ReqdExctnDtTm>		RequestedExecutionDateTime Mandatory A2A	RequestedExecutionDateTime ISODateTime needed to fill CLS TIME_INDICATION Validation: *****[1..1] differs from the cash management standard only used in BackupPayment CLS, only time "08:35:30" is necessary for functional requirements, the date within the ISODateTime must indicate the date of current SSP business day	

name of attribute	format	short description	description
<PmtTp>		Payment Type	Payment Type
		Mandatory	Validation:
		A2A	*****[1..1] differs from the cash management standard only <PmtTp> is possible
<PmtTp>-</PmtTp>	3x	Payment Type	Payment Type3
			CBS
			BCK
			BAL
			CLS
			CTR
			CBH
			CBP
			DPG
			DPN
			EXP
			TCH
			LMT
			LIQ
			DPP
			DPH
			DPS
			STF
			TRP
			TCS
			LOA
			LOR
			TCP
			OND
			MGL
			needed to fill CLS TIME_INDICATION
		Mandatory	Validation:
		A2A	[1..1] only used for BackupPayment CLS
</PmtTp>		End Payment Type	
		Mandatory	Validation:
		A2A	[1..1]
</InstrInf>		End Payment Instruction Information	End Payment Instruction Information
		Optional	Validation:
		A2A	[0..1]
<TrfdAmt>		Amount	The amount may be defined with or without the currency. <AmtWthCcy> CurrencyAndAmount <AmtWthtCcy> ImpliedCurrencyAndAmount
		Mandatory	Validation:
		A2A	[1..1] in PM only <AmtWthtCcy> is used. field must be followed by <Cdtr>
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context.
			totalDigits = 18
			fractionDigits = 5
			represents F32_AMOUNT
			Validation:
		Mandatory	[1..1] in PM only 2 fraction digits are possible
		A2A	value restriction: maximum value 999.999.999.999,99 0,00 value is not allowed
</TrfdAmt>		End of Transferred Amount	
		Mandatory	Validation:
		A2A	[1..1]

name of attribute	format	short description	description
<Cdtr>		Creditor	Provides details about a system and about a member of a system. represents F58_BIC
		Mandatory	Validation:
		A2A	[1..1] only used in Backup Payment CLS, SSP, STEP2 and TARGET, EURO1 STEP2 = fixed with EBAPFRPPPSA (STEP2 Clearing BIC for prefund participants deduced from SSP-Parameters) not changeable EURO1 = fixed with EBAPFRPPBAS (EURO1 Clearing-BIC deduced from SSP-Parameters) not changeable <SysId> not used in PM The Creditor BIC must be different from the Debtor BIC
<Mmbld>		Member Identification	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system - Choice amongst <BIC> BICIdentifier <ClrSysMmbld> ClearingSystemMemberIdentificationChoice
		Mandatory	Validation:
		A2A	[1..1] in PM only BIC is used
<BIC>-</BIC>	11x	BIC	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. represents F58_BIC
		Mandatory	Validation:
		A2A	[1..1] Field 58 / <Cdtr> must be a valid BIC according BIC directory. BackupPayment one Direct PM Participant Field 58 /<Cdtr> must be a valid BIC according participant table and must have an RTGS account.
</Mmbld>		End of Member Identification	
		Mandatory	Validation:
		A2A	[1..1]
</Cdtr>		End of Creditor	
		Mandatory	Validation:
		A2A	[1..1]
<FnIAgt>		Final Agent	Provides details about a system and about a member of a system represents F57_BIC or F54_BIC
		Optional	Validation:
		A2A	[0..1] F57_BIC only used with F57_BIC : CLS BackupPayment = fixed with CLSBUS33XXX (CLS Clearing BIC deduced from SSP-Parameters) not changeable. F54_BIC only used as temporary solution until migration to SSP is over in Backup Payment TARGET (BIC of the corresponding central bank, must be inserted if the beneficiary institution has a different country code) <SysId> not used in PM
<Mmbld>		Member Identification	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system

name of attribute	format	short description	description
			- Choice amongst <BIC> BICIdentifier <ClrSysMmbld> ClearingSystemMemberIdentificationChoice
		Mandatory	Validation:
		A2A	[1..1] in PM only BIC is used
<BIC>-</BIC>	11x	BIC	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. represents F57_BIC or F54_BIC
		Mandatory	Validation:
		A2A	[1..1] Field 57 / <FnIAgt> must be a valid BIC according BIC directory.
</Mmbld>		End of Member Identification	
		Mandatory	Validation:
		A2A	[1..1]
</FnIAgt>		End of Final Agent	End of Final Agent
		Optional	Validation:
		A2A	[0..1]
<FrstAgt>		First Agent	FirstAgent in SSP only <Mmbld> with BIC possible represents F52_BIC
		Optional	Validation:
		A2A	[0..1] Ordering / Instructing Institution in Backup Payment EBA,CLS, STEP2 STEP2 (preallocated with the instructing institution but changeable) <SysId> not used in PM
<Mmbld>		Member Identification	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system - Choice amongst <BIC> BICIdentifier <ClrSysMmbld> ClearingSystemMemberIdentificationChoice
		Mandatory	Validation:
		A2A	[1..1] in PM only BIC is used
<BIC>-</BIC>	11x	BIC	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. represents F52_BIC
		Mandatory	Validation:
		A2A	[1..1] Field 52 / <FrstAgt> must be a valid BIC according BIC directory.

name of attribute	format	short description	description
</Mmbld>		End of Member Identification	
		Mandatory	Validation:
	A2A		[1..1]
</FrstAgt>		End First Agent	End First Agent
		Optional	Validation:
	A2A		[0..1]
</BckpPmt>		End of Messagename for BackupPayment	M
		Mandatory	
	A2A		

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM/ Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM/ Receipt
4	871	D1	DT01	2871	Error Text: Backup payment is not allowed / Value date in past not allowed Validation: The National Help Desk has to activate the backup functionality in the ICM for the PM participant. Remark: checked by ICM/ Receipt
5	P96	-	-	P126	Error Text: Date is not the current SSP business day Validation: ReqdExctnDtTm: date within the ISODateTime must indicate the date of current SSP business day Remark: checked by ICM / Receipt
6	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: If <PmtTp> is filled with CLS, the CLS Clearing BIC has to be filled in <FnIAgt><Mmbld><BIC> Remark: checked by ICM / Receipt
7	867	C7	X100	2867	Error Text: BIC debtor and creditor must be different Validation: Cdtr/Mmbld/BIC (profile credit institution) value must not indicate the credit institution itself Remark: checked by ICM / Receipt
8	869	C9		2869	Error Text: Receiving CB has to be a non migrated CB Validation: validation only for BackupPayment TARGET1, receiving central bank Target1 has to be a non migrated TARGET1 central bank Remark: checked by ICM / Receipt
9	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: BIC must indicate a SSP Participant Remark: checked by ICM/ Receipt
10	P94	-	-	P124	Error Text: Requested time must be later than opening time of SSP Validation: The <ReqdExctnDtTm> /CLSTIME cannot be earlier than the opening time of SSP (Start of Day Trade). Remark: checked by ICM / Receipt
11	P85	-	-	P115	Error Text: Requested time must be before closing time of SSP Validation: The <ReqdExctnDtTm> / CLSTime cannot be later than the closing time of SSP (Cut-off-Bank-to-Bank). Remark: checked by ICM / Receipt
12	P62	-	-	P062	Error Text: BIC must be valid and have an RTGS account.

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Validation: BackupPayment one Direct PM Participant Field 58 /<Cdtr> must be a valid BIC according participant table and must have an RTGS account. Only for backup payments to direct PM participant Remark: checked by PM / TaskQueue
13	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: TaskQueue / checked by PM
14	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: TaskQueue / checked by PM
15	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Request has to be within the SSP opening time Remark: TaskQueue / checked by PM
16	P62	-	-	P062	Error Text: BIC must be valid and have an RTGS account. Validation: Cdtr/Mmbld/BIC must indicate a SSP Participant. Exception: if the BackupPayment is a TARGET1 BackupPayment via external Central Bank or a CLS BackupPayment, this check will not be executed. Remark: checked by PM/ TaskQueue
17	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: If used field 57 / <FnIAgt> must be a valid BIC according BIC directory. Remark: TaskQueue / checked by PM
18	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / TaskQueue
19	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: If used field 52 / <FrstAgt> must be a valid BIC according BIC directory. Remark: TaskQueue / checked by PM
20	895	-	-	2895	Error Text: TARGET is closed Validation: validation only for BackupPayment TARGET1 during migration period Remark: TaskQueue / checked by PM
21	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: Field 58 / <Cdtr> must be a valid BIC according BIC directory. Remark: TaskQueue / checked by PM
22	P62	-	-	P062	Error Text: BIC must be valid and have an RTGS account. Validation: BackupPayment CLS, EUR1, STEP2: BIC of ECB (PM Static Data) is an Participant with account (after ECB is migrated) Remark: checked by PM / TaskQueue
23	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: validation for BackupPayment TARGET1, request is out of cut-off time of the receiving NCB

Order	Error code					Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML			
						Remark:	checked by PM / TaskQueue
24	P60	-	-	P060	Error Text:	Only valid BIC's are allowed.	
					Validation:	If within BackupPayment TARGET1, CLS, EURO1 or STEP2 BIC 52, 57 and 58 are used as subtypes it's not allowed to use BEID, TRCO and TESP	
					Remark:	TaskQueue / checked by PM	
25	867	C7	XI00	2867	Error Text:	BIC debtor and creditor must be different	
					Validation:	BIC of the credited and debited account must be different	
					Remark:	TaskQueue / checked by PM	

BackupPayment_PM_1

Scope: BackupPayment CLS (CLS BIC <FnIAgt> is part of SSP Parameters held at Static Data)

Messagename for BackupPayment

Message Identification
Identification
End Message Identification
Payment Instruction Reference
Message business identification
End Payment Instruction Reference
Payment Instruction Information
RequestedExecutionDateTime
Payment Type
Payment Type
End Payment Type
End Payment Instruction Information
Amount
Amount without currency
End of Transferred Amount
Creditor
Member Identification
BIC
End of Member Identification
End of Creditor
Final Agent
Member Identification
BIC
End of Member Identification
End of Final Agent
First Agent
Member Identification
BIC
End of Member Identification
End First Agent

End of Messagename for BackupPayment

<BckpPmt>

<MsgId>
| <Id>ABC123</Id>
</MsgId>
<PmtInstrRef>
| <Id>981201123456AA</Id>
</PmtInstrRef>
<InstrInf>
| <ReqdExctnDtTm>2008-07-21T08:35:30</ReqdExctnDtTm>
<PmtTp>
| <PmtTp>CLS</PmtTp>
</PmtTp>
</InstrInf>
<TrfdAmt>
| <AmtWthtCcy>123456.12</AmtWthtCcy>
</TrfdAmt>
<Cdtr>
| <Mmbld>
| <BIC>DRESDEFFXXX</BIC>
</Mmbld>
</Cdtr>
<FnIAgt>
| <Mmbld>
| <BIC>CLSBUS33XXX</BIC>
</Mmbld>
</FnIAgt>
<FrstAgt>
| <Mmbld>
| <BIC>DEUTDEFFXXX</BIC>
</Mmbld>
</FrstAgt>

</BckpPmt>

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BackupPayment_PM_2

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Scope: BackupPayment EURO1 (EURO1 BIC "EBAPFRPPBAS" is part of SSP Parameters held at Static Data) - EURO1 is direct participant of SSP with a RTGS account.

Messagename for BackupPayment

<BckpPmt>

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Message Identification	<MsgId>
Identification	<Id>ABC123</Id>
End Message Identification	</MsgId>
Payment Instruction Reference	<PmtInstrRef>
Message business identification	<Id>981201123456AA</Id>
End Payment Instruction Reference	</PmtInstrRef>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>123456.12</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Creditor	<Cdtr>
Member Identification	<Mmbld>
BIC	<BIC>EBAPFRPPBAS</BIC>
End of Member Identification	</Mmbld>
End of Creditor	</Cdtr>
First Agent	<FrstAgt>
Member Identification	<Mmbld>
BIC	<BIC>DEUTDEFFXXX</BIC>
End of Member Identification	</Mmbld>
End First Agent	</FrstAgt>
End of Messagename for BackupPayment	</BckpPmt>

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BackupPayment_PM_3

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Scope: BackupPayment STEP2 (STEP2 BIC "EBAPFRPPPSA" is part of SSP Parameters held at Static Data) - STEP2 is direct participant of SSP with a RTGS account.

MessageName for BackupPayment

<BckpPmt>

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Message Identification	<MsgId>
Identification	<Id>ABC123</Id>
End Message Identification	</MsgId>
Payment Instruction Reference	<PmtInstrRef>
Message business identification	<Id>981201123456AA</Id>
End Payment Instruction Reference	</PmtInstrRef>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>123456.12</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Creditor	<Cdtr>
Member Identification	<Mmbld>
BIC	<BIC>EBAPFRPPPSA</BIC>
End of Member Identification	</Mmbld>
End of Creditor	</Cdtr>

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First Agent	<FrstAgt>
Member Identification	<Mmbld>
BIC	<BIC>DEUTDEFFXXX</BIC>
End of Member Identification	</Mmbld>
End First Agent	</FrstAgt>

End of MessageName for BackupPayment

</BckpPmt>

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BackupPayment_PM_4

Scope: Backup Payment via external central bank (TARGET), initiated by SSP-Participant (beneficiary institution has a different country code, therefore the receiving CB <FnIAgt> must be inserted).

Messagename for BackupPayment

<BckpPmt>

Message Identification	<MsgId>
Identification	<Id>ABC123</Id>
End Message Identification	</MsgId>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>123456.12</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Creditor	<Cdtr>
Member Identification	<Mmbld>
BIC	<BIC>DRESDEFFXXX</BIC>
End of Member Identification	</Mmbld>
End of Creditor	</Cdtr>
Final Agent	<FnIAgt>
Member Identification	<Mmbld>
BIC	<BIC>BKENGBC1XXX</BIC>
End of Member Identification	</Mmbld>
End of Final Agent	</FnIAgt>

End of Messagename for BackupPayment

</BckpPmt>

BackupPayment_PM_5

Scope: BackupPayment PM One direct Participant (SSP)

Messagename for BackupPayment

<BckpPmt>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>123456.12</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Creditor

<Cdtr>

Member Identification

<Mmbld>

BIC

<BIC>DRESDEFFXXX</BIC>

End of Member Identification

</Mmbld>

End of Creditor

</Cdtr>

End of Messagename for BackupPayment

</BckpPmt>

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6. 4. 2 BackupPayment (for CBs only)

SSP Proprietary Messages

BackupPayment_PM

Scope: The BackupPayment (only for CB's) message is used to create backup lump-sum and contingency payments in case the direct PM participant is temporarily not able to send SWIFTNet FIN messages. This request is only provided for CB in case on behalf of another PM Participant. Backup lump-sum payments can be created in favour of other direct PM participants and TARGET1 participants (during migration period). Contingency payments can be created in favour of CLS, EURO1 and STEP2.

The BackupPayment message can be sent by the application of a CB.

The BackupPayment message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Payment Instruction Reference

Message business identification

End Payment Instruction Reference

Payment Instruction Information

RequestedExecutionDateTime

Payment Type

Payment Type

End Payment Type

End Payment Instruction Information

Amount

Amount without currency

End of Transferred Amount

Creditor

Member Identification

BIC

End Member Identification

End of Creditor

Final Agent

Member Identification

BIC

End Member Identification

End of Final Agent

First Agent

Member Identification

BIC

End Member Identification

End First Agent

Debtor

Member Identification

BIC

End Member Identification

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>BackupPayment</Tp>

<SspPrtryDt>

<PmtInstrRef>

<Id>981201123456AA</Id>

</PmtInstrRef>

<InstrInf>

<ReqdExctnDtTm>2002-07-21T08:35:30</ReqdExctnDtTm>

<PmtTp>

<PmtTp>CLS</PmtTp>

</PmtTp>

</InstrInf>

<TrfdAmt>

<AmtWthtCcy>123456.12</AmtWthtCcy>

</TrfdAmt>

<Cdtr>

<Mmbld>

<BIC>DRESDEFFXXX</BIC>

</Mmbld>

</Cdtr>

<FnlAgt>

<Mmbld>

<BIC>CLSBUS33XXX</BIC>

</Mmbld>

</FnlAgt>

<FrstAgt>

<Mmbld>

<BIC>DEUTDEFFXXX</BIC>

</Mmbld>

</FrstAgt>

<Dbtr>

<Mmbld>

<BIC>DEUDEFF500</BIC>

</Mmbld>

End of debtor
End of SSP Proprietary Data
End of Proprietary Data
End proprietary message

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| | | </Dbtr>  
| | </SspPrtryDt>  
| </PrtryData>  
</PrtryMsg>
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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory A2A	Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory A2A	here only BackupPayment is possible Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory A2A	SSP Proprietary Data Validation: [1..1]	
<PmtInstrRef>		Payment Instruction Reference Optional A2A	Payment Instruction Reference Validation: [0..1]	
<Id>-</Id>	16x	Message business identification Mandatory A2A	String of characters that uniquely identifies a message at senders side. Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. represents F21_RELATED_REF Validation: [1..1] max 16x used in Backup Payment CLS, EBA and STEP2	
</PmtInstrRef>		End Payment Instruction Reference Optional A2A	End Payment Instruction Reference Validation: [0..1]	
<InstrInf>		Payment Instruction Information	Payment Instruction Information represents F72 Sender to Receiver Information	

name of attribute	format	short description	description
		Optional	Validation:
		A2A	[0..1]
<ReqdExctnDtTm>		RequestedExecutionDateT ime	RequestedExecutionDateTime ISODateTime needed to fill CLS TIME_INDICATION
		Mandatory A2A	Validation: *****[1..1] differs from the cash management standard only used in BackupPayment CLS, only time "08:35:30" is necessary for functional requirments, the date within the ISODateTime must indicate the date of current SSP business day
<PmtTp>		Payment Type	Payment Type
		Mandatory A2A	Validation: *****[1..1] differs from the cash management standard only <PmtTp> is possible
<PmtTp>-</PmtTp>	3x	Payment Type	Payment Type3 CBS BCK BAL CLS CTR CBH CBP DPG DPN EXP TCH LMT LIQ DPP DPH DPS STF TRP TCS LOA LOR TCP OND MGL needed to fill CLS TIME_INDICATION
</PmtTp>		End Payment Type	End Payment Type
		Mandatory A2A	Validation: [1..1]
</InstrInf>		End Payment Instruction Information	End Payment Instruction Information
		Optional A2A	Validation: [0..1]
<TrfdAmt>		Amount	The amount may be defined with or without the currency. <AmtWthtCcy> CurrencyAndAmount <AmtWthtCcy> ImpliedCurrencyAndAmount
		Mandatory A2A	Validation: [1..1] in PM only <AmtWthtCcy> is used. field must be followed by <Cdtr>
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context.

name of attribute	format	short description	description
			<p>The integer part of Amount must contain at least one digit. The decimal separator is a dot '.'. It is not mandatory but included in the maximum length. The number of digits following the dot must not exceed the maximum number allowed for that specific currency as specified in ISO 4217.</p> <p>represents F32_AMOUNT</p> <p>Mandatory</p> <p>Validation:</p> <p>[1..1] in PM only 2 fraction digits are possible value restriction: maximum value 999.999.999.999,99 0,00 value is not allowed</p>
</TrfdAmt>		End of Transferred Amount	
		Mandatory	Validation:
	A2A		[1..1]
<Cdtr>		Creditor	represents F58_BIC
		Mandatory	Validation:
	A2A		<p>[1..1] only used in Backup Payment CLS, SSP, STEP2 and TARGET, EURO1</p> <p>STEP2 = fixed with EBAPFRPPPSA (STEP2 Clearing BIC for prefund participants deduced from SSP-Parameters) not changeable</p> <p>EURO1 = fixed with EBAPFRPPBAS (EURO1 Clearing-BIC deduced from SSP-Parameters) not changeable</p> <p><SysId> not used in PM</p> <p>The Creditor BIC must be different from the Debtor BIC</p>
<Mmbld>		Member Identification	
		Mandatory	Validation:
	A2A		[1..1] in PM only BIC is used
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>represents F58_BIC</p> <p>Mandatory</p> <p>Validation:</p> <p>[1..1] Field 58 / <Cdtr> must be a valid BIC according BIC directory.</p> <p>BackupPayment one Direct PM Participant Field 58 /<Cdtr> must be a valid BIC according participant table and must have an RTGS account.</p>
</Mmbld>		End Member Identification	
		Mandatory	Validation:
	A2A		[1..1]
</Cdtr>		End of Creditor	
		Mandatory	Validation:
	A2A		[1..1]
<FnIAgt>		Final Agent	<p>Provides details about a system and about a member of a system</p> <p>represents F57_BIC or F54_BIC</p> <p>Optional</p> <p>Validation:</p> <p>[0..1] F57_BIC only used with F57_BIC : CLS BackupPayment = fixed with CLSBUS33XXX (CLS Clearing BIC deduced from SSP-Parameters) not changeable.</p> <p>F54_BIC only used as temporary solution until migration to SSP is over in Backup Payment TARGET (BIC of the corresponding central bank, must be inserted if the</p>

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name of attribute	format	short description	description
			beneficiary institution has a different country code) <SysId> not used in PM
<Mmbld>		Member Identification Mandatory A2A	Validation: [1..1] in PM only BIC is used
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory A2A	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". represents F57_BIC or F54_BIC Validation: [1..1] Field 57 / <FnlAgt> must be a valid BIC according BIC directory.
</Mmbld>		End Member Identification Mandatory A2A	Validation: [1..1]
</FnlAgt>		End of Final Agent Optional A2A	End of Final Agent Validation: [0..1]
<FrstAgt>		First Agent Optional A2A	FirstAgent in SSP only <Mmbld> with BIC possible represents F52_BIC Validation: [0..1] Ordering / Instructing Institution in Backup Payment EBA,CLS, STEP2 STEP2 (preallocated with the instructing institution but changeable) <SysId> not used in PM
<Mmbld>		Member Identification Mandatory A2A	Validation: [1..1] in PM only BIC is used
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory A2A	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". represents F52_BIC Validation: [1..1] Field 52 / <FrstAgt> must be a valid BIC according BIC directory.
</Mmbld>		End Member Identification Mandatory A2A	Validation: [1..1]
</FrstAgt>		End First Agent Optional A2A	End First Agent Validation: [0..1]
<Dbtr>		Debtor	Information about the debtor of a payment.

name of attribute	format	short description	description
		Optional A2A	Validation: [0..1] Specifies the participant who is the debtor of the BackupPayment, mandatory if the CB acts on behalf of another SSP member, when not stated the BIC of the CB is used
<Mmbld>		Member Identification Mandatory A2A	Validation: [1..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory A2A	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". Validation: [1..1]
</Mmbld>		End Member Identification Mandatory A2A	Validation: [1..1]
</Dbtr>		End of debtor Optional A2A	Validation: [0..1]
</SspPrtryDt>		End of SSP Proprietary Data Mandatory A2A	End of Root element for all SSP proprietary data Validation: [1..1]
</PrtryData>		End of Proprietary Data Mandatory A2A	End of Proprietary Data Validation: [1..1]
</PrtryMsg>		End proprietary message Mandatory A2A	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: message is allowed for central banks only. RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
4	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Dbtr/Mmbld/BIC value must indicate a participant who the CB is responsible for Remark: checked by ICM / Receipt
5	867	C7	XI00	2867	Error Text: BIC debtor and creditor must be different Validation: Cdtr/Mmbld/BIC and Dbtr/Mmbld/BIC the Creditor BIC must be different from the Debtor BIC. Remark: checked by ICM/ Receipt
6	P62	-	-	P062	Error Text: BIC must be valid and have an RTGS account. Validation: Dbtr/Mmbld/BIC must indicate a SSP Participant Remark: checked by ICM/ Receipt
7	871	D1	DT01	2871	Error Text: Backup payment is not allowed / Value date in past not allowed Validation: The National Help Desk has to activate the backup functionality in the ICM for the PM participant. Remark: checked by ICM/ Receipt
8	P96	-	-	P126	Error Text: Date is not the current SSP business day Validation: ReqdExctnDtTm: date within the ISODateTime must indicate the date of current SSP business day Remark: checked by ICM / Receipt
9	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: If <PmtTp> is filled with CLS, the CLS Clearing BIC has to be filled in <FnlAgt><Mmbld><BIC> Remark: checked by ICM / Receipt
10	869	C9		2869	Error Text: Receiving CB has to be a non migrated CB Validation: validation only for BackupPayment TARGET1, receiving central bank has to be a non migrated central bank Remark: checked by ICM / Receipt
11	P94	-	-	P124	Error Text: Requested time must be later than opening time of SSP Validation: The <ReqdExctnDtTm> /CLSTIME cannot be earlier than the opening time of SSP (Start of Day Trade). Remark: checked by ICM / Receipt

A

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
12	P85	-	-	P115	Error Text: Requested time must be before closing time of SSP Validation: The <ReqdExctnDtTm> / CLSTime cannot be later than the closing time of SSP (Cut-off-Bank-to-Bank). Remark: checked by ICM / Receipt
13	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: BIC must indicate a SSP Participant Remark: checked by ICM/ Receipt
14	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: checked by PM / TaskQueue
15	P62	-	-	P062	Error Text: BIC must be valid and have an RTGS account. Validation: Cdtr/Mmbld/BIC must indicate a SSP Participant. Exception: if the BackupPayment is a TARGET1 BackupPayment via external Central Bank or a CLS BackupPayment, this check will not be executed. Remark: checked by PM/ TaskQueue
16	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: checked by PM / TaskQueue
17	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / TaskQueue
18	895	-	-	2895	Error Text: TARGET is closed Validation: validation only for BackupPayment TARGET1 during migration period Remark: checked by PM / TaskQueue
19	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: Field 58 / <Cdtr> must be a valid BIC according BIC directory. Remark: TaskQueue / checked by PM
20	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: If used field 57 / <FnIAgt> must be a valid BIC according BIC directory. Remark: TaskQueue / checked by PM
21	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: If used field 52 / <FrstAgt> must be a valid BIC according BIC directory. Remark: TaskQueue / checked by PM
22	P62	-	-	P062	Error Text: BIC must be valid and have an RTGS account. Validation: BackupPayment one Direct PM Participant Field 58 /<Cdtr> must be a valid BIC according participant table and must have an RTGS account. Only for backup payments to direct PM participant Remark: TaskQueue / checked by PM
23	862	C2	TM01	2862	Error Text: Request out of cut-off time

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Validation: Request has to be within the SSP opening time Remark: checked by PM / TaskQueue
24	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: If within BackupPayment Target1, CLS, EURO1 or STEP2 BIC 52, 57 and 58 are used as subtypes it's not allowed to use BEID, TRCO and TESP Remark: TaskQueue / checked by PM
25	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: validation for BackupPayment Target1, request is out of cut-off time of the receiving NCB Remark: checked by PM / TaskQueue
26	P62	-	-	P062	Error Text: BIC must be valid and have an RTGS account. Validation: BackupPayment CLS, EUR1, STEP2: BIC of ECB (PM Static Data) is an Participant with account (after ECB is migrated) Remark: checked by PM / TaskQueue
27	867	C7	XI00	2867	Error Text: BIC debtor and creditor must be different Validation: BIC of the credited and debited account must be different Remark: TaskQueue / checked by PM

BackupPayment_PM_6

Scope: Backup Payment CLS, message of a central bank acting on behalf of a PM Participant (CLS BIC is part of SSP Parameters held at Static Data)

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Payment Instruction Reference

Message business identification

End Payment Instruction Reference

Payment Instruction Information

RequestedExecutionDateTime

Payment Type

Payment Type

End Payment Type

End Payment Instruction Information

Amount

Amount without currency

End of Transferred Amount

Creditor

Member Identification

BIC

End Member Identification

End of Creditor

Final Agent

Member Identification

BIC

End Member Identification

End of Final Agent

First Agent

Member Identification

BIC

End Member Identification

End First Agent

Debtor

Member Identification

BIC

End Member Identification

End of debtor

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>BackupPayment</Tp>

<SspPrtryDt>

<PmtInstrRef>

<Id>985620</Id>

</PmtInstrRef>

<InstrInf>

<ReqdExctnDtTm>2008-07-21T08:35:30</ReqdExctnDtTm>

<PmtTp>

<PmtTp>CLS</PmtTp>

</PmtTp>

</InstrInf>

<TrfdAmt>

<AmtWthtCcy>500000.00</AmtWthtCcy>

</TrfdAmt>

<Cdtr>

<Mmbld>

<BIC>DRESDEFFXXX</BIC>

</Mmbld>

</Cdtr>

<FnlAgt>

<Mmbld>

<BIC>CLSBUS33XXX</BIC>

</Mmbld>

</FnlAgt>

<FrstAgt>

<Mmbld>

<BIC>DEUTDEFF300</BIC>

</Mmbld>

</FrstAgt>

<Dbtr>

<Mmbld>

<BIC>DEUTDEFF500</BIC>

</Mmbld>

</Dbtr>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

BackupPayment_PM_7

M

Scope: Backup Payment EURO1, message of a central bank acting on behalf of a PM Participant (EURO1 BIC "EBAPFRPPBAS" is part of SSP Parameters held at Static Data) - EURO1 is direct participant of SSP with a RTGS account.

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>ABC123</Ref>

End Message Identification

</MsgId>

Proprietary Data

<PrtryData>

M

Type

<Tp>BackupPayment</Tp>

SSP Proprietary Data

<SspPrtryDt>

Payment Instruction Reference

<PmtInstrRef>

Message business identification

<Id>985620</Id>

End Payment Instruction Reference

</PmtInstrRef>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>123456.12</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Creditor

<Cdtr>

Member Identification

<Mmbld>

BIC

<BIC>EBAPFRPPBAS</BIC>

End Member Identification

</Mmbld>

End of Creditor

</Cdtr>

D

D

D

D

D

First Agent

<FrstAgt>

Member Identification

<Mmbld>

BIC

<BIC>DEUTDEFF300</BIC>

End Member Identification

</Mmbld>

End First Agent

</FrstAgt>

Debtor

<Dbtr>

Member Identification

<Mmbld>

BIC

<BIC>DEUTDEFF500</BIC>

End Member Identification

</Mmbld>

End of debtor

</Dbtr>

End of SSP Proprietary Data

</SspPrtryDt>

End of Proprietary Data

</PrtryData>

M

End proprietary message

</PrtryMsg>

M

BackupPayment_PM_8

M

Scope: Backup Payment STEP2, message of a central bank acting on behalf of a PM Participant (STEP2 BIC "EBAPFRPPPSA" is part of SSP Parameters held at Static Data) - STPE2 is direct participant of SSP with a RTGS account.

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>ABC123</Ref>

End Message Identification

</MsgId>

Proprietary Data

<PrtryData>

M

Type

<Tp>BackupPayment</Tp>

SSP Proprietary Data

<SspPrtryDt>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>500000.00</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Creditor

<Cdtr>

Member Identification

<Mmbld>

BIC

<BIC>EBAPFRPPPSA</BIC>

End Member Identification

</Mmbld>

End of Creditor

</Cdtr>

D

D

D

D

D

First Agent

<FrstAgt>

Member Identification

<Mmbld>

BIC

<BIC>DEUTDEFF300</BIC>

End Member Identification

</Mmbld>

End First Agent

</FrstAgt>

Debtor

<Dbtr>

Member Identification

<Mmbld>

BIC

<BIC>DEUTDEFF500</BIC>

End Member Identification

</Mmbld>

End of debtor

</Dbtr>

End of SSP Proprietary Data

</SspPrtryDt>

End of Proprietary Data

</PrtryData>

M

End proprietary message

</PrtryMsg>

M

BackupPayment_PM_9

Scope: Backup Payment TARGET1, message of a central bank acting on behalf of a PM Participant (beneficiary institution has a different country code, therefore the receiving CB <FnIAgt> must be inserted).

Name Proprietary message

<PrtryMsg>

Message Identification

<MsgId>

Reference

<Ref>ABC123</Ref>

End Message Identification

</MsgId>

Proprietary Data

<PrtryData>

Type

<Tp>BackupPayment</Tp>

SSP Proprietary Data

<SspPrtryDt>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>60000.00</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Creditor

<Cdtr>

Member Identification

<Mmbld>

BIC

<BIC>DRESDEFFXXX</BIC>

End Member Identification

</Mmbld>

End of Creditor

</Cdtr>

Final Agent

<FnIAgt>

Member Identification

<Mmbld>

BIC

<BIC>BKENGBC1XXX</BIC>

End Member Identification

</Mmbld>

End of Final Agent

</FnIAgt>

Debtor

<Dbtr>

Member Identification

<Mmbld>

BIC

<BIC>DEUTDEFF500</BIC>

End Member Identification

</Mmbld>

End of debtor

</Dbtr>

End of SSP Proprietary Data

</SspPrtryDt>

End of Proprietary Data

</PrtryData>

End proprietary message

</PrtryMsg>

BackupPayment_PM_10

Scope: Backup Payment to one direct participant (SSP), message of a central bank acting on behalf of a PM Participant

Name Proprietary message	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>ABC123</Ref>	
End Message Identification	</MsgId>	
Proprietary Data	<PrtryData>	M
Type	<Tp>BackupPayment</Tp>	
SSP Proprietary Data	<SspPrtryDt>	
Amount	<TrfdAmt>	
Amount without currency	<AmtWthtCcy>999999999.99</AmtWthtCcy>	
End of Transferred Amount	</TrfdAmt>	
Creditor	<Cdtr>	
Member Identification	<Mmbld>	
BIC	<BIC>DRESDEFFXXX</BIC>	
End Member Identification	</Mmbld>	
End of Creditor	</Cdtr>	
Debtor	<Dbtr>	
Member Identification	<Mmbld>	
BIC	<BIC>DEUTDEFF500</BIC>	M
End Member Identification	</Mmbld>	
End of debtor	</Dbtr>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

6. 4. 3 CancelTransaction

Cash Management Standard

CancelTransaction_PM

Scope: The CancelTransaction message is used to cancel a pending and earmarked payment in the payment queue. Only the sender of a payment, his central bank, his Virtual Account Manager (if exists) is able to revoke the payment. In case of (an) excluded participant(s) only his central bank can trigger the revocation.

The CancelTransaction message can be sent by the application of a direct PM participant or the application of a group of accounts manager ("virtual account") the sender belongs to.

The CancelTransaction message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.008.001.xx>

Structure:

Messagename for CancelTransaction

Message Identification

Identification

End Message Identification

InstructionReference

choice

LongBusinessIdentification

PaymentInstructionRef

InterbankSettlementAmount

InterbankValueDate

PaymentMethod

FINMessageType

End of Payment Method

InstructingAgentIdentification

InstructedAgentIdentification

Additional Reference

End LongBusinessIdentification

Proprietary Reference

End of choice

End of InstructionReference

End of Messagename for CancelTransaction

<CclTx>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<InstrRef>

xorLngBizIdPrtryRef

<LngBizId>

<PmtInstrRef>ABC1234</PmtInstrRef>

<IntrBkSttlmAmt>100.15</IntrBkSttlmAmt>

<IntrBkValDt>2007-02-25</IntrBkValDt>

<PmtMtd>

<FINMT>202</FINMT>

</PmtMtd>

<InstgAgId>CHASUS33</InstgAgId>

<InstdAgId>MARKDEFFXXX</InstdAgId>

<RltdRef>ABC12134</RltdRef>

</LngBizId>

<PrtryRef>1234</PrtryRef>

/xorLngBizIdPrtryRef

</InstrRef>

</CclTx>

M

M

M

Attributes:

name of attribute	format	short description	description
<CcITx>		<p>Message name for CancelTransaction</p> <p>Mandatory</p> <p>A2A</p>	<p>Validation:</p> <p>Cancellation of payments are only possible for status of payments queued and earmarked. Only the sender of a payment, his central bank or user group profile SSP is able to revoke the payment.</p>
<MsgId>		<p>Message Identification</p> <p>Mandatory</p> <p>A2A</p>	<p>Message business identification</p> <p>Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.</p> <p>Validation:</p> <p>[1..1]</p>
<Id>-</Id>	35x	<p>Identification</p> <p>Mandatory</p> <p>A2A</p>	<p>Identification</p> <p>String of characters that uniquely identifies a message.</p> <p>Validation:</p> <p>[1..1]</p>
</MsgId>		<p>End Message Identification</p> <p>Mandatory</p> <p>A2A</p>	<p>End of Message Identification</p> <p>Validation:</p> <p>[1..1]</p>
<InstrRef>		<p>InstructionReference</p> <p>Mandatory</p> <p>A2A</p>	<p>PaymentIdentificationChoice</p> <p>Reference to the instruction related to the payment for which information is requested.</p> <p>A choice between ways of identifying a payment instruction by its references and business identification.</p> <p>PaymentInstructionReference [1..1] QueueIdentification [1..1] ShortBusinessIdentification [1..1] LongBusinessIdentification [1..1]</p> <p>unique and unambiguous identification of a payment</p> <p>Validation:</p> <p>[1..1] in PM only <PrtryRef> and <LongBizId> used</p>
xorLngBizIdPrtryRef		<p>choice</p> <p>Mandatory</p> <p>A2A</p>	<p>choice between <LongBizId> and <PrtryRef></p> <p>Validation:</p>
<LngBizId>		<p>LongBusinessIdentification</p> <p>Mandatory</p> <p>A2A</p>	<p>Identifies a payment instruction by a set of characteristics (as per EBA system requirements) which provides an unambiguous identification of the instruction.</p> <p>PaymentInstructionReference [1..1] InterbankSettlementAmount [1..1] InterbankValueDate [1..1] PaymentMethod [0..1] InstructingAgentIdentification [1..1] InstructedAgentIdentification [1..1] RelatedReference [0..1]</p> <p>Validation:</p> <p>[1..1] if the LngBizId as unique identifier used for the search of transactions, in PM following criteria are mandatory</p>

name of attribute	format	short description	description
			PaymentInstructionReference [1..1] InterbankSettlementAmount [1..1] InterbankValueDate [1..1] PaymentMethod *****[1..1] differs from the cash management standard InstructingAgentIdentification [1..1] InstructedAgentIdentification [1..1] RelatedReference [0..1]
<PmtInstrRef>-</PmtInstrRef>	16x	PaymentInstructionRef	PaymentInstructionRef
			Unique and unambiguous identifier for a payment instruction, as assigned by the clearing agent or the initiating party. TRN of the original payment instruction
		Mandatory A2A	Validation: [1..1] here part of the LngBizId TRN max 16x
<IntrBkSttlmAmt>		InterbankSettlementAmount	Amount of money transferred between the instructing agent and instructed agent. Amount in EUR
		Mandatory A2A	Validation: [1..1] Amount, in PM only 2 fraction digits are possible
<IntrBkValDt>	ISODate	InterbankValueDate	Date on which the amount of money ceases to be available to the agent that owes the money, or when the amount of money becomes available to the agent to which the money is due. Value Date /ExecutionDate
		Mandatory A2A	Validation: [1..1] Value Date
<PmtMtd>		PaymentMethod	Indicates the message or event from which an instruction has been initiated. FINMessageType [1..1] XMLMessageName [1..1] Proprietary [1..1] Instrument [1..1]
		Mandatory A2A	Validation: *****[1..1] mandatory differs from the cash management standard Indicates the message or event from which an instruction has been initiated. FINMessageType represents FINMT XMLMessageName <XMLMsgNm> not used in PM Proprietary <Prtry> not used in PM Instrument <Instr> not used in PM
<FINMT>	3x	FINMessageType	Specifies that the payment was included in a SWIFT FIN format message eg, MT 103. Message Type MT
		Mandatory A2A	Validation: *****[1..1] in PM mandatory differs from the cash management standard It is used to specify a SWIFT FIN message. Possible values are: 202 (MT202), 103 (MT103 and MT103+) or 204 (MT204). Message Type MT
</PmtMtd>		End of Payment Method	End of Payment Method
		Mandatory A2A	Validation: [1..1]

name of attribute	format	short description	description
<InstgAgtd>	11x	InstructingAgentIdentification	The identification of the instructing agent that transmitted the payment instruction. BICIdentifier Sender Mandatory: [1..1] Sender
<InstdAgtd>	11x	InstructedAgentIdentification	The identification of the instructed agent in the payment instruction. BICIdentifier Receiver Mandatory: [1..1] Receiver
<RltdRef>	16x	Additional Reference	RelatedReference The related reference as stipulated in the payment instruction. Field 21, related reference if available Optional: [0..1] in PM max 16x
</LngBizId>		End LongBusinessIdentification Mandatory A2A	End LongBusinessIdentification Validation: [1..1]
<PrtryRef>-</PrtryRef>	16n	Proprietary Reference Mandatory A2A	Proprietary Reference SSP-Reference (generated by PM [16x]; unique identifier of a business case - Note: Some business cases consist of several bookings.) SSP-Reference will delivered within every the ReturnTransaction message. Validation: [1..1] Only transactions with an unambiguous SSP-Reference can be cancelled.
/xorLngBizIdPrtryRef		End of choice Mandatory A2A	end of choice Validation:
</InstrRef>		End of InstructionReference Mandatory A2A	End of InstructionReference Validation: [1..1]
</CclTx>		End of Messagename for CancelTransaction Mandatory A2A	Validation:

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
4	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: PrtryRef (profile credit institution) value must indicate a transaction sent by the te SSP Participant itself or by a participant the SSP participant is entitled to act on behalf of Remark: checked by ICM / Receipt
5	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: PrtryRef (profile group of account manager) the sender of the related transaction must belong to a group of accounts the participant is the manager of Remark: checked by ICM / Receipt
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: PrtryRef (profile central bank) value must indicate a transaction sent by a participant the CB is responsible for Remark: checked by ICM / Receipt
7	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: InstgAgtId (profile credit institution) value must indicate a transaction sent by the te SSP Participant itself or by a participant the SSP participant is entitled to act on behalf of Remark: checked by ICM / Receipt
8	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: InstgAgtId (profile group of account manager) the sender of the related transaction must belong to a group of accounts the participant is the manager of Remark: checked by ICM / Receipt
9	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: InstgAgtId (profile central bank) value must indicate a transaction sent by a participant the CB is responsible for Remark: checked by ICM / Receipt
10	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

day.

Remark: checked by PM /TaskQueue

11	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: checked by PM / TaskQueue
12	P13	-	-	P013	Error Text: No payment found Validation: there has to be a payment which can be revoked Remark: checked by PM / TaskQueue
13	P13	-	-	P013	Error Text: No payment found Validation: PrtryRef does exist Remark: checked by PM/ TaskQueue
14	P71	-	-	P101	Error Text: You are not allowed to revoke the payment(s) Validation: Only the sender (Creditor MT204) of a payment,his Virtual Account Manager (if exists), his central bank can do this only on behalf. Remark: checked by PM / TaskQueue
15	P71	-	-	P101	Error Text: You are not allowed to revoke the payment(s) Validation: In case of (an) excluded participant(s) only his central bank can trigger the revocation. The orderer must not be excluded. Remark: checked by PM / TaskQueue
16	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: checked by PM / TaskQueue
17	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: Customer is Participant with account Remark: checked by PM TaskQueue
18	P71	-	-	P101	Error Text: You are not allowed to revoke the payment(s) Validation: Only the sender (Debtor MT202, MT103) of a payment, his central bank, his Virtual Account Manager (if exists) can do this only on behalf. Remark: checked by PM / TaskQueue
19	P71	-	-	P101	Error Text: You are not allowed to revoke the payment(s) Validation: in case of AS payments a revocation is only possible in connection with settlement procedure 3 Remark: checked by PM / TaskQueue
20	P71	-	-	P101	Error Text: You are not allowed to revoke the payment(s) Validation: in case of AS payments a revocation is only possible by the responsible CB Remark: checked by PM / TaskQueue
21	P70	-	-	P100	Error Text: Function is only possible for AS: "info period", all other: "warehoused", "pending" (but not for change earliest debit time) and "earmarked" Validation: the payment must not be final (only queued or earmarked) Remark: checked by PM / TaskQueue

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

22

Error Text:

D

Validation:

Remark:

CancelTransaction_PM_1

Scope: CancelTransaction via PM Reference (SSP-Reference)

MessageName for CancelTransaction

<CclTx>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

InstructionReference

<InstrRef>

Proprietary Reference

<PrtryRef>1234</PrtryRef>

End of InstructionReference

</InstrRef>

End of MessageName for CancelTransaction

</CclTx>

M

M

CancelTransaction_PM_2

Scope: CancelTransaction via LongBusinessIdentification:

TRN
Amount
Value Date
MessageType
Sender
Receiver
Field 21 (Related Reference)

MessageName for CancelTransaction

Message Identification

Identification

End Message Identification

InstructionReference

LongBusinessIdentification

PaymentInstructionRef

InterbankSettlementAmount

InterbankValueDate

PaymentMethod

FINMessageType

End of Payment Method

InstructionAgentIdentification

InstructedAgentIdentification

Additional Reference

End LongBusinessIdentification

End of InstructionReference

End of MessageName for CancelTransaction

<CclTx>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<InstrRef>

<LngBizId>

<PmtInstrRef>ABC1234</PmtInstrRef>

<IntrBkSttlmAmt>100.15</IntrBkSttlmAmt>

<IntrBkValDt>2007-02-25</IntrBkValDt>

<PmtMtd>

<FINMT>202</FINMT>

</PmtMtd>

<InstgAgId>DRESDEFFXXX</InstgAgId>

<InstdAgId>MARKDEFFXXX</InstdAgId>

<RltdRef>ABC12134</RltdRef>

</LngBizId>

</InstrRef>

</CclTx>

M

M

6. 4. 4 DeleteLimit

Cash Management Standard

DeleteLimit_PM

M

Scope: The DeleteLimit message is used to delete

- a current bilateral limit
- the current multilateral limit
- all current bilateral limits (separate tasks for every bilateral limit; the multilateral limit is deleted automatically)

which was defined in the past. The deletion of a current limit will become effective immediately.

ModifyLimit can be used for deletion of limits, too, and supports additional business cases.

In a ReturnTask message it's never presented the original customer message but a recreated XML structure. In case of DeleteLimit you'll find a ModifyLimit instead. If all bilateral limits are deleted with one request within a ReturnTask it is presented one ModifyLimit (new value: zero) per deleted bilateral limit/per task queue reference.

The DeleteLimit message can be sent by the application of a direct PM participant or the application of a group of accounts manager ("virtual account" definition and change of limits and in case of bilateral limits against bilateral counterparts, possible for the whole group only, not for the single account holder)

If a participant is a member of an account group, the limit can only be defined against the whole group. Therefore limits that are defined against an account group have to be defined against the BIC of the group of accounts manager.

The DeleteLimit message is replied by a Receipt message. The Receipt can contain multiple ReceiptDetails (if all bilateral limits shall be deleted) - one per affected limit. In case a remarkable number of limits is affected it may happen that a time-out message is returned. Then the customer application may send a GetPendingData request to get the Receipt with the list of task queue references.

Non-Repudiation of Emission (NRE) is supported.

<camt.012.001.xx>

Structure:

Message name for DeleteLimit

Message Identification

Identification

End Message Identification

LimitDetails

choice amongst

Current Limit Identification

BilateralLimitCounterpartyId

BIC

End of BilateralLimitCounterpartyId

Limit Type Code

Account Owner

End of CurrentLimit Identification

Identification of the current limit.

Limit Type Code

BICIdentifier

End of Identification of the current limit.

End choice amongst

End Limit Details

End of Message name for DeleteLimit

<DelLim>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<LmtDtls>

xorCurLmtIdAllCurLmts

<CurLmtId>

<BilLmtCtrPtyId>

<BIC>DEUTDEFFXXX</BIC>

</BilLmtCtrPtyId>

<Tp>BILI</Tp>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</CurLmtId>

<AllCurLmts>

<Tp>BILI</Tp>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</AllCurLmts>

/xorCurLmtIdAllCurLmts

</LmtDtls>

</DelLim>

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Attributes:

name of attribute	format	short description	description	
<DelLim>		Messagename for DeleteLimit Mandatory A2A	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
<LmtDtls>		LimitDetails Mandatory	Identification of the details of one particular limit. Validation: [1..1]	A
xorCurLmtIdAllCurLmts		choice amongst Mandatory	Validation:	A
<CurLmtId>		Current Limit Identification Mandatory A2A	Validation: *****[1..1] differs from the cash management standard. Only one occurrence is allowed.	M
<BilLmtCtrPtyId>		BilateralLimitCounterpartyId Optional A2A	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system. Validation: [0..1] Counterpart is filled in the case of an asked Bilateral Limit. If multilateral Limit is used as LimitType this tag should not be used In PM only BIC is used	M
<BIC>-</BIC>	11x	BIC Mandatory A2A	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. Validation: [1..1] There has to be a current bilateral limit for the mentioned counterpart else an error is returned.	M
</BilLmtCtrPtyId>		End of BilateralLimitCounterpartyId	End ofBilateralLimitCounterpartyIdentification	M

name of attribute	format	short description	description	
		Optional A2A	Validation: [0..1]	
<Tp>-</Tp>		Limit Type Code	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to ist indirect participant. The limit represents the maximum amount the indirect participant can use to settle ist operations.</p> <p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p>	M
		Mandatory A2A	Validation: [1..1] In SSP only BILI and MULT are allowed. MULT can only be used if there is a current multilateral limit.	
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the RTGS main account / in case of group of accounts virtual account the BIC of the group of accounts manager	M
		Optional A2A	Validation: [0..1] In the case of "on behalf" scenario (sending party not Account Owner) mandatory. When not stated the BIC of the participant is used. Usage of AccountOwner is only allowed once per request. The sender has to be authorized to work on behalf of the mentioned account owner. A CB can only fill in BICs of participants she is responsible for; a GoA manager may only enter his own BIC.	
</CurLmtld>		End of CurrentLimit Identification Mandatory A2A	End of CurrentLimit Validation: *****[1..1]	M

name of attribute	format	short description	description	
<AllCurLmts>		Identification of the current limit. Mandatory	Validation: *****[1..1] differs from the cash management standard. Only one occurrence is allowed.	A
<Tp>-</Tp>		Limit Type Code	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to its indirect participant. The limit represents the maximum amount the indirect participant can use to settle its operations.</p> <p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p>	M
		Mandatory A2A	Validation: [1..1] In SSP only BILI and MULT are allowed.	
<AcctOwnr>-</AcctOwnr>		BICIdentifier Optional A2A	<p>Interfaced models = BIC of the Settlement Bank Integrated models = Not used</p> <p>BIC of the RTGS main account / in case of group of accounts BIC of the leading account of the group</p> <p>Validation: [0..1] In the case of "on behalf" scenario (sending party not Account Owner) mandatory. When not stated the BIC of the participant is used. Usage of AccountOwner is only allowed once per request.</p>	M
</AllCurLmts>		End of Identification of the current limit. Mandatory	Validation: *****[1..1]	A
/xorCurLmtIdAllCurLmts		End choice amongst Mandatory	Validation:	A

name of attribute	format	short description	description
</LmtDtIs>		End Limit Details	A
		Mandatory	Validation: [1..1]
</DelLim>		End of Messagename for DeleteLimit	M
		Mandatory	Validation: [1..1]
		A2A	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
4	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr (profile credit institution), value must indicate the participant itself or a participant the CI is entitled to act on behalf of Remark: checked by ICM / Receipt
5	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile group of account manager) value must indicate the group of account manager Remark: checked by ICM / Receipt
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile central bank), value must indicate the CB itself or a participant the CB is responsible for Remark: checked by ICM / Receipt
7	X48	-	-	1408	Error Text: Interaction only possible for the virtual account manager Validation: change of limits for group of accounts is only possible by "Virtual account" manager Remark: checked by ICM / Receipt
8	P51	-	-	P051	Error Text: BIC Bilateral Counterpart does not exist Validation: <BiLCtrPtyId/BIC BIC of the RTGS main account must be valid and indicate a SSP participant Remark: checked by ICM / Receipt
9	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: <AcctOwnr> BIC of the RTGS main account must be valid Remark: checked by ICM / Receipt
10	P12	-	-	P012	Error Text: Modification, setting or deletion of limits not possible Validation: BiLmtCtrPtyId/BIC must not indicate the participant itself, self-addressed bilateral limit is not allowed, Remark: checked by ICM / Receipt
11	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day.

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
					Remark:	checked by PM / TaskQueue
12	866	C6	AC06	2866	Error Text:	Exclusion of participant
					Validation:	If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed
					Remark:	checked by PM/ TaskQueue
13	P14	-	-	P014	Error Text:	No Limit found
					Validation:	it's not allowed to define a multilateral limit for the current day, if no multilateral limit exists.
					Remark:	checked by PM/ TaskQueue
14	894	-	-	2894	Error Text:	Function is not allowed in the current business day phase
					Validation:	SSP is open
					Remark:	checked by PM/ TaskQueue
15	P15	-	-	P015	Error Text:	No bilateral limit defined for Counter Party
					Validation:	Existing bilateral Limit for <BilLmtCtrPtyId>
					Remark:	checked by PM/ TaskQueue
17	P51	-	-	P051	Error Text:	BIC Bilateral Counterpart does not exist
					Validation:	Bilateral counterparty is a Participant with account
					Remark:	checked by PM/ TaskQueue
18	P12	-	-	P012	Error Text:	Modification, setting or deletion of limits not possible
					Validation:	bilateral limit against accounts without non-liability of cover is not allowed
					Remark:	checked by PM/ TaskQueue
19	P15	-	-	P015	Error Text:	No bilateral limit defined for Counter Party
					Validation:	it's not allowed to define a bilateral limit for the current day, if no bilateral limit exists
					Remark:	checked by PM/ TaskQueue
20	P30	-	-	P030	Error Text:	Only one occurrence of the element <AcctOwnr> per message is allowed.
					Validation:	If element <AcctOwnr> is used it may only occur once.
					Remark:	checked by ICM / Receipt
21	P31	-	-	P031	Error Text:	The modification or removal of a multilateral limit is allowed only once per message.
					Validation:	The modification or removal of a multilateral limit may be requested only once per request. If type "MULT" occurs more than once an error message will be returned.
					Remark:	checked by ICM / Receipt
22	P32	-	-	P032	Error Text:	The same counterpart-BIC is only allowed not more than once per message.
					Validation:	For deletion of several bilateral limits: The same counterpart-BIC is only allowed not more than once to have a unique reference within the Receipt message.
					Remark:	checked by ICM / Receipt

DeleteLimit_PM_1

Scope: Delete Bilateral Limit against Counterpart <BilLmtCtrPtyId>

MessageName for DeleteLimit

<DelLim>

M

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

LimitDetails

<LmtDtls>

A

Current Limit Identification

<CurLmtId>

M

BilateralLimitCounterpartyId

<BilLmtCtrPtyId>

M

BIC

<BIC>DRESDEFFXXX</BIC>

M

End of BilateralLimitCounterpartyId

</BilLmtCtrPtyId>

M

Limit Type Code

<Tp>BILI</Tp>

M

End of CurrentLimit Identification

</CurLmtId>

M

End Limit Details

</LmtDtls>

A

End of MessageName for DeleteLimit

</DelLim>

M

DeleteLimit_PM_2

Scope: Delete Bilateral Limit against Counterpart <BilLmtCtrPtyId> on behalf of third party <AcctOwnr>, (Sender and Account Owner are different parties), CB deletes a bilateral limit instead of "COBADEFFXXX".

Messagename for DeleteLimit

Message Identification

Identification

End Message Identification

LimitDetails

Current Limit Identification

BilateralLimitCounterpartyId

BIC

End of BilateralLimitCounterpartyId

Limit Type Code

Account Owner

End of CurrentLimit Identification

End Limit Details

End of Messagename for DeleteLimit

<DelLim>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<LmtDtls>

<CurLmtId>

<BilLmtCtrPtyId>

<BIC>DEUTDEFFXXX</BIC>

</BilLmtCtrPtyId>

<Tp>BILI</Tp>

<AcctOwnr>COBADEFFXXX</AcctOwnr>

</CurLmtId>

</LmtDtls>

</DelLim>

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DeleteLimit_PM_3

Scope: Delete Multilateral Limit of a RTGS main Account (Sender and Account Owner are identic)

Messagename for DeleteLimit	<DelLim>	M
Message Identification	<MsgId>	
Identification	<Id>ABC123</Id>	
End Message Identification	</MsgId>	
LimitDetails	<LmtDtIs>	A
Current Limit Identification	<CurLmtId>	M
Limit Type Code	<Tp>MULT</Tp>	M
End of CurrentLimit Identification	</CurLmtId>	M
End Limit Details	</LmtDtIs>	A
End of Messagename for DeleteLimit	</DelLim>	M

DeleteLimit_PM_4

A

Scope: The requestor deletes all bilateral limits

Messagename for DeleteLimit	<DelLim>
Message Identification	<MsgId>
Identification	<Id>ABC123</Id>
End Message Identification	</MsgId>
LimitDetails	<LmtDtls>
Identification of the current limit.	<AllCurLmts>
Limit Type Code	<Tp>BILI</Tp>
End of Identification of the current limit.	</AllCurLmts>
End Limit Details	</LmtDtls>
End of Messagename for DeleteLimit	</DelLim>

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6. 4. 5 DeleteReservation

Cash Management Standard

DeleteReservation_PM

Scope: The DeleteReservation message is used to delete a valid

- current urgent or highly urgent reservation

The DeleteReservation message can be sent by the application of a direct PM participant or the application of a group of accounts manager ("virtual account" reservation of liquidity possible for the whole group only, not for the single account holder).

If a participant is a member of an account group, the limit can only be defined against the whole group. Therefore limits that are defined against an account group have to be defined against the account owner (BIC) of the leading account of the group.

The DeleteReservation message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.049.001.xx>

Structure:

message name for DeleteReservation

<DelRsvatn>

Message Identification

<MsgId>

Identification

<Id>abcdefghi8765432</Id>

End Message Identification

</MsgId>

CurrentReservation

<CurRsvatn>

ReservationTypeCode

<Tp>UPAR</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of CurrentReservation

</CurRsvatn>

End of message name for DeleteReservation

</DelRsvatn>

M

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Attributes:

name of attribute	format	short description	description
<DelRsvatn>		message name for DeleteReservation Mandatory A2A	message name for DeleteReservation Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
<CurRsvatn>		CurrentReservation Mandatory A2A	CurrentReservation Validation: *****[1..1]in PM mandatory differs from the cash management standard only one occurrence is used, <AcctId> not used in PM
<Tp>-</Tp>		ReservationTypeCode Mandatory A2A	ReservationTypeCode CARE = CashReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing cash withdrawals. UPAR = UrgentPaymentReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing urgent payments. HPAR = HighlyUrgentPayment reservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing highly urgent payments. NSSR = NetSSSRReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for the settlement of the multilateral cash balance stemming from the Net Security Settlement System. THRE = Threshold for investment Amount above which funds will be destined for investment Validation: [1..1] in PM only UPAR and HPAR are used
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the RTGS main account / in case of group of

name of attribute	format	short description	description
		Optional A2A	accounts BIC of the leading account of the group Validation: [0..1] mandatory if BIC of RTGS main account is used on behalf of third parties, when not stated the BIC of the participant is used
</CurRsvatn>		End of CurrentReservation Mandatory A2A	End of CurrentReservation Validation: [1..1]
</DelRsvatn>		End of message name for DeleteReservation Mandatory A2A	end of message name for DeleteReservation Validation:

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
4	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr (profile credit institution), value must indicate the participant itself or a participant the CI is entitled to act on behalf of Remark: checked by ICM / Receipt
5	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile group of account manager) value must indicate the group of account manager Remark: checked by ICM / Receipt
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile central bank), value must indicate the CB itself or a participant the CB is responsible for Remark: checked by ICM / Receipt
7	X48	-	-	1408	Error Text: Interaction only possible for the virtual account manager Validation: Reservation of liquidity only possible for the Virtual account manager, for single account holders not possible Remark: checked by ICM / Receipt
8	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: checked by PM/ TaskQueue
9	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnTask
10	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: checked by PM/ TaskQueue
11	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: BIC of the RTGS main account must be valid

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Remark: checked by PM/ TaskQueue
12	P16	-	-	P016	Error Text: No current Reservation found Validation: existing current reservation Remark: checked by PM/ TaskQueue
13	P61	-	-	P061	Error Text: For accounts without non-liability of cover, this function is not allowed Validation: For accounts without non-liability of cover, liquidity reservation are not allowed Remark: checked by PM/ TaskQueue

DeleteReservation_PM_1

Scope: Delete current reservations for urgent payments. Sending party and Account Owner (SSP-Participant) are identic

message name for DeleteReservation

<DelRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

CurrentReservation

<CurRsvatn>

ReservationTypeCode

<Tp>UPAR</Tp>

End of CurrentReservation

</CurRsvatn>

End of message name for DeleteReservation

</DelRsvatn>

M

M

DeleteReservation_PM_2

Scope: Delete current reservation for highly urgent payments. Act on behalf of scenario, Sending party and Account Owner are different

message name for DeleteReservation

<DelRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

CurrentReservation

<CurRsvatn>

ReservationTypeCode

<Tp>HPAR</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of CurrentReservation

</CurRsvatn>

End of message name for DeleteReservation

</DelRsvatn>

M

M

6. 4. 6 GetAccount

Cash Management Standard

GetAccount_PM

Scope: The GetAccount message is sent to request information about the

- balance on the following accounts kept in PM
 - RTGS account.
 - sub-account.
- standing order liquidity transfer (held at PM, if Static Data is available see ReturnAccount).

The GetAccount message can be sent by the application of the

- direct PM participant
- group of accounts manager
- CB

The GetAccount message is replied by a ReturnAccount message.

<camt.003.001.xx>

Structure:

Message Type

Message Identification	<MsgId>
Identification	<Id>ABC123</Id>
End Message Identification	</MsgId>
Account Query Definition	<AcctQryDef>
AccountCriteria	<AcctCrit>
NewCriteria	<NewCrit>
SearchCriteria	<SchCrit>
Account Identification	<AcctId>
AccountIdentificationChoice	<EQ>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE67123456789122345678</Id>
End of simple Identification Information	</DmstAcct>
End of AccountIdentificationChoice	</EQ>
End of Account Identification	</AcctId>
Account Owner	<AcctOwnr>DRESDEFFXXX</AcctOwnr>
End of SearchCriteria	</SchCrit>
End of NewCriteria	</NewCrit>
End of AccountCriteria	</AcctCrit>
End of AccountQueryDefinition	</AcctQryDef>
End of Message Type	</GetAcct>

M

M

Attributes:

name of attribute	format	short description	description
<GetAcct>		Message Type	Message name for GetAccount
		Mandatory	Validation:
<MsgId>		Message Identification	Message business identification
		Mandatory	Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.
		A2A	Validation: [1..1]
<Id>-</Id>	35x	Identification	Identification
		Mandatory	String of characters that uniquely identifies a message.
		A2A	Validation: [1..1]
</MsgId>		End Message Identification	End of Message Identification
		Mandatory	Validation: [1..1]
<AcctQryDef>		Account Query Definition	Specification of the query criteria.
		Optional	Validation: [0..1] In PM only <AcctCrit> is used
		A2A	
<AcctCrit>		AccountCriteria	Definition of the account query criteria.
		Optional	Validation: [0..1]
		A2A	
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.
		Mandatory	Validation: [1..1] <NewQryNm> and <RtrCrit> are not used in PM
		A2A	
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Optional	Validation: *****[0..1] differs from the cash management standard all possible balances are returned within the ReturnAccount message. Balance for Group of Account can only be received by single Requests for each account belonging to a Group of Account and calculation on customer side. *****Rule: It should only be possible to choice amongst <AcctId> or <AcctOwnr>, both tags are not allowed.
		A2A	
<AcctId>		Account Identification	Unique and unambiguous identification for the account between the account owner and the account servicer.
		Mandatory	Validation: *****[1..1]differs from the cash management standard in PM only EQ with <DmstAcct><Id> is used, filled when a specific Account is requested e. g. sub account
		A2A	
<EQ>		AccountIdentificationChoice	Search for one or more accounts based on exact identification of the account(s).

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held.
		Mandatory A2A	Validation: [1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. RTGS sub-account number
		Mandatory A2A	Validation: [1..1] only used if balance of a specific RTGS sub-account is (34x) requested
</DmstAcct>		End of simple Identification Information	
		Mandatory A2A	Validation: [1..1]
</EQ>		End of AccountIdentificationChoice	End of search for one or more accounts based on exact identification of the account(s).
		Mandatory A2A	Validation: [1..1]
</AcctId>		End of Account Identification	Unique and unambiguous identification for the account between the account owner and the account servicer.
		Mandatory A2A	Validation: [1..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the RTGS main account / SSP-Participant
		Mandatory A2A	Validation: *****[1..1]Specifies the participant to which the data are referred. The attribute is mandatory when the requestor as for e.g. as a group of account manager or the NCB of the participant, wants to ask for a specific SSP Participant / BIC of the RTGS main account. When not stated the BIC of the participant is used
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Optional A2A	Validation: [0..1]
</NewCrit>		End of NewCriteria	End of NewCriteria
		Mandatory A2A	Validation: [1..1]
</AcctCrit>		End of AccountCriteria	End of AccountCriteria
		Optional	Validation:

name of attribute	format	short description	description
		A2A	[0..1]
</AcctQryDef>		End of AccountQueryDefinition Optional	End of AccountQueryDefinition Validation: [0..1]
</GetAcct>		End of Message Type Mandatory A2A	end of Messagname of GetAccount Validation:

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required. Remark: checked by ICM / Receipt
2	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile central bank) value must indicate an account that belongs to the CB itself or to a participant the CB is responsible for Remark: checked by ICM/ ReturnAccount
3	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile group of account manager) value must indicate a member of the group of accounts the participant is the manager of Remark: checked by ICM/ ReturnAccount
4	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr (profile credit institution) value must indicate an account that belongs to the credit institution itself or to the participant the credit institution is entitled to act on behalf of Remark: checked by ICM/ ReturnAccount
5	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: DmstAcct/Id (profile group of account manager) value must indicate a member of the group of accounts the participant is the manager of Remark: checked by ICM/ ReturnAccount
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: DmstAcct/Id (profile central bank) value must indicate an account that belongs to the CB itself or to a participant the CB is responsible for Remark: checked by ICM/ ReturnAccount
7	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: DmstAcct/Id (profile credit institution) value must indicate an account that belongs to the credit institution itself or to the participant the credit institution is entitled to act on behalf of Remark: checked by ICM/ ReturnAccount
8	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: AcctOwnr value must indicate a SSP participant /valid RTGS main account Remark: checked by ICM/ ReturnAccount
9	P55	-	-	P055	Error Text: Account does not exist or is invalid Validation: DmstAcct/Id value must indicate an existing sub account Remark: checked by ICM/ ReturnAccount
10	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: checked by PM/ ReturnAccount

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
11	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnAccount

GetAccount_PM_1

Scope: Request balance and standing order liquidity transfer. Sending party and Account Owner are identic

Message Type

<GetAcct>

M

Message Identification

<MsgId>

Identification

<Id>abc123</Id>

End Message Identification

</MsgId>

End of Message Type

</GetAcct>

M

GetAccount_PM_2

Scope: Request balance for specific sub-account.

Message Type

Message Identification
Identification
End Message Identification
Account Query Definition
AccountCriteria
NewCriteria
SearchCriteria
Account Identification
AccountIdentificationChoice
Simple Identification Information
Identification
End of simple Identification Information
End of AccountIdentificationChoice
End of Account Identification
End of SearchCriteria
End of NewCriteria
End of AccountCriteria
End of AccountQueryDefinition
End of Message Type

<GetAcct>

```
<MsgId>
|
|  <Id>ABC123</Id>
|
|  </MsgId>
|
|  <AcctQryDef>
|  |
|  |  <AcctCrit>
|  |  |
|  |  |  <NewCrit>
|  |  |  |
|  |  |  |  <SchCrit>
|  |  |  |  |
|  |  |  |  |  <AcctId>
|  |  |  |  |  |
|  |  |  |  |  |  <EQ>
|  |  |  |  |  |  |
|  |  |  |  |  |  |  <DmstAcct>
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  <Id>BE67123456789122345678</Id>
|  |  |  |  |  |  |  |  </DmstAcct>
|  |  |  |  |  |  |  |  </EQ>
|  |  |  |  |  |  |  |  </AcctId>
|  |  |  |  |  |  |  |  </SchCrit>
|  |  |  |  |  |  |  |  </NewCrit>
|  |  |  |  |  |  |  |  </AcctCrit>
|  |  |  |  |  |  |  |  </AcctQryDef>
|  |  |  |  |  |  |  |  </GetAcct>
```

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GetAccount_PM_3

Scope: Request on behalf of third party (AccountOwner) e.g. BIC of NCB or GoA manager is the Sender of the GetAccount message. Sending party and AccountOwner are different

Message Type

Message Identification	<MsgId>
Identification	<Id>ABC123</Id>
End Message Identification	</MsgId>
Account Query Definition	<AcctQryDef>
AccountCriteria	<AcctCrit>
NewCriteria	<NewCrit>
SearchCriteria	<SchCrit>
Account Owner	<AcctOwnr>DRESDEFF</AcctOwnr>
End of SearchCriteria	</SchCrit>
End of NewCriteria	</NewCrit>
End of AccountCriteria	</AcctCrit>
End of AccountQueryDefinition	</AcctQryDef>
End of Message Type	</GetAcct>

M

M

6. 4. 7 GetBusinessDayInformation

Cash Management Standard

GetBusinessDayInformation_PM

Scope: The GetBusinessDayInformation message is sent to request information on different types of administrative data linked to PM. All information of TARGET(e.g. Cutt-off times) and Status of Countrys are delivered within the ReturnBusinessDayInformation message

The GetBusinessDayInformation message can be sent by the application of the direct PM participant.

The GetBusinessDayInformation message is replied by a ReturnBusinessDayInformation message.

<camt.018.001.xx>

Structure:

Message name for GetBusinessDayInformation	<GetBizDayInf>	M
Message Identification	<MsgId>	
Identification	<Id>ABC123</Id>	
End Message Identification	</MsgId>	
End of Message name for GetBusinessDayInformation	</GetBizDayInf>	M

Attributes:

name of attribute	format	short description	description	
<GetBizDayInf>		Messagename for GetBusinessDayInformation Mandatory A2A	Messagename for GetBusinessDayInformation Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
</GetBizDayInf>		End of Messagename for GetBusinessDayInformation Mandatory A2A	 Validation:	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required. Remark: checked by ICM / ReturnBusinessDayInformation
2	P18	-	-	P018	Error Text: No Business Day Data found Validation: available information of SSP-Business Day Remark: ReturnBusinessDayInformation
3	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnBusinessDayInformation

GetBusinessDayInformation_PM_1

Scope: Only one sample possible, Request to get information about Country Status in SSP and the current Operating day

Messagename for GetBusinessDayInformation	<GetBizDayInf>	M
Message Identification	<MsgId>	
Identification	<Id>ABC123</Id>	
End Message Identification	</MsgId>	
End of Messagename for GetBusinessDayInformation	</GetBizDayInf>	M

6. 4. 8 GetCreditLine

SSP Proprietary Messages

GetCreditLine_PM

Scope: The GetCreditLine message is used to receive information on the credit line currently available on the
- RTGS account.

The GetCreditLine message can be sent by the application of the direct PM participant or the group of accounts manager or NCB.

The GetCreditLine message is replied by a ReturnCreditLine message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

CreditLineQueryDefinition

CreditLineCriteriaDefinition

NewCriteria

SearchCriteria

Account Owner

End of SearchCriteria

End of NewCriteria

End of CreditLineCriteriaDefinition

End of CreditLineQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetCreditLine</Tp>

<SspPrtryDt>

<CrdtLnQryDef>

<CrdtLnCrit>

<NewCrit>

<SchCrit>

<AcctOwnr>DRESDEFFXXX</AcctOwnr>

</SchCrit>

</NewCrit>

</CrdtLnCrit>

</CrdtLnQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
			Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	
			DeleteHAMAccount	
			DeleteRTGSAccount	
			DeleteSFAccount	
			DeleteSubAccount	
			GetCalendar	
			GetCB	
			GetContactItem	
			GetDirectDebit	
			GetErrorCode	
			GetEvent	
			GetGOA	
			GetHAMAccount	
			GetLegalEntity	
			GetParticipant	
			GetRTGSAccount	
			GetSFAccount	
			GetSubAccount	
			GetT2Wildcard	
			GetAS	
			GetASSettBank	

name of attribute	format	short description	description
			ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only GetCreditLine is possible
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
<CrdtLnQryDef>		CreditLineQueryDefinition	CreditLineQueryDefinition
		Optional	Validation:
		A2A	[0..1]
<CrdtLnCrit>		CreditLineCriteriaDefinition	CreditLineCriteriaDefinition
		Optional	Validation:
		A2A	[0..1]
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.
		Mandatory	Validation:
		A2A	[1..1]
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Optional	Validation:
		A2A	[0..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the RTGS main account / SSP-Participant used on behalf of third parties
		Optional	Validation:
		A2A	[0..1] Specifies the participant to which the data are referred. The attribute is mandatory when the requestor is the group of account manager or the NCB of the participant, when not stated the BIC of the participant is used
</SchCrit>		End of SearchCriteria	End of SearchCriteria

name of attribute	format	short description	description
	A2A	Optional	Validation:
			[0..1]
</NewCrit>	A2A	End of NewCriteria	End of NewCriteria
		Mandatory	Validation:
</CrdtLnCrit>	A2A	End of CreditLineCriteriaDefinition	end of CreditLineCriteriaDefinition
		Optional	Validation:
</CrdtLnQryDef>	A2A	End of CreditLineQueryDefinition	end of CreditLineQueryDefinition
		Optional	Validation:
</SspPrtryDt>	A2A	End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation:
</PrtryData>	A2A	End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
</PrtryMsg>	A2A	End proprietary message	
		Mandatory	Validation:

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M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnCreditLine
2	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr (profile credit institution) value must indicate the credit institution itself or a participant the credit institution is entitled to act on behalf of Remark: checked by ICM / ReturnCreditLine
3	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile central bank) value must indicate the central bank itself or a participant the central bank is entitled to act on behalf of Remark: checked by ICM / ReturnCreditLine
4	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile group of account manager) value must indicate a member of the group of accounts the participant is the manager of Remark: checked by ICM / ReturnCreditLine
5	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: AcctOwnr value must indicate a SSP participant Remark: checked by ICM / ReturnCreditLine
6	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnCreditLine

GetCreditLine_PM_1

Scope: GetCreditLine request Sending party and AccountOwner are identic

Name Proprietary message	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>PM1235</Ref>	
End Message Identification	</MsgId>	
Proprietary Data	<PrtryData>	M
Proprietary Data type	<Tp>GetCreditLine</Tp>	
SSP Proprietary Data	<SspPrtryDt>	
CreditLineQueryDefinition	<CrdtLnQryDef>	
CreditLineCriteriaDefinition	<CrdtLnCrit>	
NewCriteria	<NewCrit>	
SearchCriteria	<SchCrit/>	
End of NewCriteria	</NewCrit>	
End of CreditLineCriteriaDefinition	</CrdtLnCrit>	
End of CreditLineQueryDefinition	</CrdtLnQryDef>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

GetCreditLine_PM_2

Scope: GetCreditLine request on behalf of third party (AccountOwner). Sending party and Account Owner are different.

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

CreditLineQueryDefinition

CreditLineCriteriaDefinition

NewCriteria

SearchCriteria

Account Owner

End of SearchCriteria

End of NewCriteria

End of CreditLineCriteriaDefinition

End of CreditLineQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetCreditLine</Tp>

<SspPrtryDt>

<CrdtLnQryDef>

<CrdtLnCrit>

<NewCrit>

<SchCrit>

<AcctOwnr>DRESDEFF</AcctOwnr>

</SchCrit>

</NewCrit>

</CrdtLnCrit>

</CrdtLnQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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M

M

M

6. 4. 9 GetLimit

Cash Management Standard

GetLimit_PM

Scope: The GetLimit message is sent to request information about

- a bilateral limit (current or standing order limit) defined vis-à-vis
 - another direct PM participant
- a virtual group of accounts (definition and change of limits, possible for the whole group only, not possible for the single account holder, the displayed limit is the limit of the whole group, not the limit of a single account which belongs to the virtual account)
- the multilateral limit (current or standing order limit) defined vis-à-vis
 - all direct PM participants and virtual group of accounts without a bilateral limit.

The GetLimit message can be sent by the application of the

- direct PM participant
- group of accounts manager

The GetLimit message is replied by a ReturnLimit message.

<camt.009.001.xx>

Structure:

Message name for GetLimit

Message Identification

Identification

End Message Identification

LimitQueryDefinition

LimitCriteria

NewCriteria

SearchCriteria

Account Owner

End of SearchCriteria

End of NewCriteria

End of LimitCriteria

End of LimitQueryDefinition

End of message name for GetLimit

<GetLmt>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<LmtQryDef>

<LmtCrit>

<NewCrit>

<SchCrit>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</SchCrit>

</NewCrit>

</LmtCrit>

</LmtQryDef>

</GetLmt>

M

M

Attributes:

name of attribute	format	short description	description
<GetLmt>		Message name for GetLimit	Message name for GeLimit
		Mandatory A2A	Validation:
<MsgId>		Message Identification	Message business identification
		Mandatory A2A	Validation: [1..1]
<Id>-</Id>	35x	Identification	Identification
		Mandatory A2A	Validation: [1..1]
			String of characters that uniquely identifies a message.
</MsgId>		End Message Identification	End of Message Identification
		Mandatory A2A	Validation: [1..1]
<LmtQryDef>		LimitQueryDefinition	Definition of the limit query.
		Optional A2A	Validation: [0..1]
<LmtCrit>		LimitCriteria	Defines the limit query criteria.
		Optional A2A	Validation: [0..1] in PM only NewCrit is used
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.
		Mandatory A2A	Validation: [1..1] Return Criteria is not used in PM
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Optional A2A	Validation: [0..1] only Account Owner as search criteria is possible, all possible Limits are delivered within the response of the ReturnLimit message
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier
			e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.
			BIC of the RTGS main Account / SSP-Participant used on behalf of third parties or BIC of the group of accounts manager
		Optional A2A	Validation: [0..1] Specifies the participant to which the data is referred. The attribute is mandatory when the requestor is the group of accounts manager or the NCB of the participant, when not stated the BIC of the participant is used

name of attribute	format	short description	description
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Optional	Validation:
	A2A		[0..1]
</NewCrit>		End of NewCriteria	End of NewCriteria
		Mandatory	Validation:
	A2A		[1..1]
</LmtCrit>		End of LimitCriteria	End of LimitCriteria
		Optional	Validation:
	A2A		[0..1]
</LmtQryDef>		End of LimitQueryDefinition	End of LimitQueryDefinition
		Optional	Validation:
	A2A		[0..1]
</GetLmt>		End of message name for GetLimit	M
		Mandatory	
	A2A		

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnLimit
2	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr ((profile group of account manager) value must indicate the credit institution itself or a participant the credit institution is entitled to act on behalf of Remark: checked by ICM / ReturnLimit
3	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile central bank) value must indicate the central bank itself or a participant the central bank is responsible for Remark: checked by ICM / ReturnLimit
4	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile group of account manager) value must indicate a member of the group of accounts the participant is the manager of Remark: checked by ICM / ReturnLimit
5	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: AcctOwnr value must indicate a SSP participant Remark: checked by ICM / ReturnLimit
6	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnLimit

GetLimit_PM_1

Scope: Request Get Limit: Sending party and SSP Participant are identic.

Message name for GetLimit

<GetLmt>

M

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

End of message name for GetLimit

</GetLmt>

M

GetLimit_PM_2

Scope: Get Limit: request on behalf of third party. Sending party (e.g. NCB) and SSP Participant (Account Owner DEUTDEFFXXX) are different.

Message name for GetLimit

<GetLmt>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

LimitQueryDefinition

<LmtQryDef>

LimitCriteria

<LmtCrit>

NewCriteria

<NewCrit>

SearchCriteria

<SchCrit>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of SearchCriteria

</SchCrit>

End of NewCriteria

</NewCrit>

End of LimitCriteria

</LmtCrit>

End of LimitQueryDefinition

</LmtQryDef>

End of message name for GetLimit

</GetLmt>

M

M

6. 4.10 GetReservation

Cash Management Standard

GetReservation_PM

Scope: The GetReservation message is sent to request information about

- the highly-urgent reserve (current or standing order)
- the urgent reserve (current or standing order)

The GetReservation message can be sent by the application of the

- direct PM participant
- group of accounts manager ("Virtual account" reservation of liquidity possible for the whole group only, the displayed reservation are reservation of the wole group, not the reservation of a single account which belongs to the virtual account)

The GetReservation message is replied by a ReturnReservation message.

<camt.046.001.xx>

Structure:

message name for GetReservation

Message Identification

Identification

End Message Identification

ReservationQueryDefinition

ReservationCriteriaDefinition

NewCriteria

SearchCriteria

Account Owner

End of SearchCriteria

End of NewCriteria

End of ReservationCriteriaDefinition

End of ReservationQueryDefinition

End of message name for GetReservation

<GetRsvatn>

<MsgId>

<Id>abcdefghi8765432</Id>

</MsgId>

<RsvatnQryDef>

<RsvatnCrit>

<NewCrit>

<SchCrit>

<AcctOwnr>DRESDEFFXX</AcctOwnr>

</SchCrit>

</NewCrit>

</RsvatnCrit>

</RsvatnQryDef>

</GetRsvatn>

M

M

Attributes:

name of attribute	format	short description	description
<GetRsvatn>		message name for GetReservation Mandatory A2A	message name for GetReservation Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]
<RsvatnQryDef>		ReservationQueryDefinition Optional A2A	ReservationQueryDefinition Validation: [0..1]
<RsvatnCrit>		ReservationCriteriaDefinition Optional A2A	ReservationCriteriaDefinition Validation: [0..1]
<NewCrit>		NewCriteria Mandatory A2A	Defines the criteria based on which the information is extracted. Validation: [1..1]
<SchCrit>		SearchCriteria Optional A2A	Defines the criteria used to search for. Validation: [0..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner Optional A2A	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the RTGS main account / SSP-Participant used on behalf of third parties Validation: [0..1] Specifies the participant to which the data is referred. The attribute is mandatory when the requestor is the group of accounts manager or the NCB of the SSP participant, when not stated the BIC of the participant is used
</SchCrit>		End of SearchCriteria Optional	End of SearchCriteria Validation:

name of attribute	format	short description	description
		A2A	[0..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation:
		A2A	[1..1]
</RsvatnCrit>		End of ReservationCriteriaDefinition	end of ReservationCriteriaDefinition
		Optional	Validation:
		A2A	[0..1]
</RsvatnQryDef>		End of ReservationQueryDefinition	end of ReservationQueryDefinition
		Optional	Validation:
		A2A	[0..1]
</GetRsvatn>		End of message name for GetReservation	end of message name for GetReservation
		Mandatory	Validation:
		A2A	

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnReservation
2	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr (profile credit institution) value must indicate the credit institution itself or a participant the credit institution is entitled to act on behalf of Remark: checked by ICM / ReturnReservation
3	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile group of account manager) value must not indicate another participant than the manager himself. Remark: checked by ICM / ReturnReservation
4	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile central bank) value must indicate the central bank itself or a participant the central bank is responsible for Remark: checked by ICM / ReturnReservation
5	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: AcctOwnr value must indicate a SSP participant Remark: checked by ICM / ReturnReservation
6	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnReservation

GetReservation_PM_1

Scope: Request for all different types of reservation. Sending party and BIC SSP-Participant (AccountOwner) are identical

message name for GetReservation

<GetRsvatn>

M

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

End of message name for GetReservation

</GetRsvatn>

M

GetReservation_PM_2

Scope: Request on behalf of third party Sending party and Account Owner BIC (DRESDEFFXXX) are different.

message name for GetReservation

Message Identification

Identification

End Message Identification

ReservationQueryDefinition

ReservationCriteriaDefinition

NewCriteria

SearchCriteria

Account Owner

End of SearchCriteria

End of NewCriteria

End of ReservationCriteriaDefinition

End of ReservationQueryDefinition

End of message name for GetReservation

<GetRsvatn>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<RsvatnQryDef>

<RsvatnCrit>

<NewCrit>

<SchCrit>

<AcctOwnr>DRESDEFFXXX</AcctOwnr>

</SchCrit>

</NewCrit>

</RsvatnCrit>

</RsvatnQryDef>

</GetRsvatn>

M

M

6. 4.11 GetSequence

SSP Proprietary Messages

GetSequence_PM

Scope: The GetSequence message is sent to request information about the level out sequence to fund debit balances on single accounts.

The group of accounts manager chooses the sequence of the accounts how they are used to fund debit balances on single accounts. There exist no level out sequence for sub accounts - they are balanced together with the corresponding RTGS account. The CB will only get a selection of accounts of their area (exception: the CB of the GoA manager will get all information of the whole group)

The GetSequence message can be sent by the application of the

- group of accounts manager
- the CB acting on behalf of group of accounts manager

The GetSequence message is replied by a ReturnSequence message.

<camt.998.001.xx>

Structure:

Message Type

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Sequence query definition

Sequence Criteria

NewCriteria

SearchCriteria

Account Owner

End of SearchCriteria

End of NewCriteria

End sequence criteria

End sequence query definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetSequence</Tp>

<SspPrtryDt>

<SqncQryDef>

<SqncCrit>

<NewCrit>

<SchCrit>

<AcctOwnr>-</AcctOwnr>

</SchCrit>

</NewCrit>

</SqncCrit>

</SqncQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Message Type		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	
			DeleteHAMAccount	
			DeleteRTGSAccount	
			DeleteSFAccount	
			DeleteSubAccount	
			GetCalendar	
			GetCB	
			GetContactItem	
			GetDirectDebit	
			GetErrorCode	
			GetEvent	
			GetGOA	
			GetHAMAccount	
			GetLegalEntity	
			GetParticipant	
			GetRTGSAccount	
			GetSFAccount	
			GetSubAccount	
			GetT2Wildcard	
			GetAS	
			GetASSettBank	
			ReturnAS	
			ReturnASSettBank	
			ModifyHAMAccount	
			ModifyRTGSAccount	
			ModifySequence	
			ModifySFAccount	

name of attribute	format	short description	description
			ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only GetSequence is possible Mandatory Validation: A2A [1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory A2A	Validation: [1..1]
<SqncQryDef>		Sequence query defintion	free format tag
		Optional A2A	Validation: [0..1]
<SqncCrit>		Sequence Criteria	free format tag
		Optional A2A	Validation: [0..1]
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.
		Optional A2A	Validation: [0..1]
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Optional A2A	Validation: [0..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of GoA manager (virtual account) / in case if the CB is acting on behalf, the GoA manager she is repsonsible for
		Optional A2A	Validation: [0..1]
</SchCrit>		End of SearchCriteria	
		Optional A2A	Validation: [0..1]
</NewCrit>		End of NewCriteria	
		Optional A2A	Validation: [0..1]

name of attribute	format	short description	description
</SqncCrit>		End sequence criteria	free format tag
		Optional	Validation:
	A2A		[0..1]
</SqncQryDef>		End sequence query definition	free format tag
		Optional	Validation:
	A2A		[0..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation:
	A2A		[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
	A2A		[1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:
	A2A		

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name APPLICATE or APPLICBTE are required Remark: checked by ICM / ReturnSequence
2	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: AcctOwnr value must indicate a SSP participant Remark: checked by ICM / ReturnSequence
3	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr (profile CI) value must indicate the CI itself or a participant the CI is entitled to act on behalf of Remark: checked by ICM / ReturnSequence
4	X51			1411	Error Text: The selected participant is no Group of Accounts Manager Validation: AcctOwnr (profile CI) CI must be a GoA manager Remark: checked by ICM / ReturnSequence
5	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile CB) value must indicate the CB itself or a participant the CB is responsible for Remark: checked by ICM / ReturnSequence
6	X51			1411	Error Text: The selected participant is no Group of Accounts Manager Validation: AcctOwnr (profile CB) value must indicate a GoA manager the CB is responsible for Remark: checked by ICM / ReturnSequence
7	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile GoA) value must indicate a member of the group of accounts the participant is the manager of Remark: checked by ICM / ReturnSequence
8	X51			1411	Error Text: The selected participant is no Group of Accounts Manager Validation: AcctOwnr (profile GoA) value must indicate the GoA manager himself Remark: checked by ICM / ReturnSequence
9	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnSequence

GetSequence_PM_1

Scope: Requestor is the CB, acting on behalf of the GoA manager BIC DEUTDEFFXXX

Message Type

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Sequence query definition

Sequence Criteria

NewCriteria

SearchCriteria

Account Owner

End of SearchCriteria

End of NewCriteria

End sequence criteria

End sequence query definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC</Ref>

</MsgId>

<PrtryData>

<Tp>GetSequence</Tp>

<SspPrtryDt>

<SqncQryDef>

<SqncCrit>

<NewCrit>

<SchCrit>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</SchCrit>

</NewCrit>

</SqncCrit>

</SqncQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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GetSequence_PM_2

Scope: Requestor is a GoA manager

Message Type	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>ABC123</Ref>	
End Message Identification	</MsgId>	
Proprietary Data	<PrtryData>	M
Proprietary Data type	<Tp>GetSequence</Tp>	
SSP Proprietary Data	<SspPrtryDt>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

6. 4.12 GetSettlementInformation (for CBs only)

SSP Proprietary Messages

GetSettlementInformation_PM

Scope: The GetSettlementInformation message is used to receive booking information (credit and debit side) about a single transaction (e.g. payments (MT 103, 103+, 202, 204).

The GetSettlementInformation message can be sent by the application of a central bank (CB).

The GetSettlementInformation message is replied by a ReturnSettlementInformation.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Settlement Information Query Definition

Settlement Information Criteria

NewCriteria

SearchCriteria

InstructionReference

Proprietary Reference

End of InstructionReference

End of SearchCriteria

End of NewCriteria

End settlement Information Criteria

End settlement Information Query Definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetSettlementInformation</Tp>

<SspPrtryDt>

<SttlmInfQryDef>

<SttlmInfCrit>

<NewCrit>

<SchCrit>

<InstrRef>

<PrtryRef>123</PrtryRef>

</InstrRef>

</SchCrit>

</NewCrit>

</SttlmInfCrit>

</SttlmInfQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

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M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
			Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	
			DeleteHAMAccount	
			DeleteRTGSAccount	
			DeleteSFAccount	
			DeleteSubAccount	
			GetCalendar	
			GetCB	
			GetContactItem	
			GetDirectDebit	
			GetErrorCode	
			GetEvent	
			GetGOA	
			GetHAMAccount	
			GetLegalEntity	
			GetParticipant	
			GetRTGSAccount	
			GetSFAccount	
			GetSubAccount	
			GetT2Wildcard	
			GetAS	
			GetASSettBank	

name of attribute	format	short description	description
			ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only GetSettlementInformation is possible Mandatory A2A Validation: [1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory A2A	Validation: [1..1]
<SttlmInfQryDef>		Settlement Information Query Definition	Settlement Information Query Definition
		Mandatory A2A	Validation: [1..1]
<SttlmInfCrit>		Settlement Information Criteria	Settlement Information Criteria
		Mandatory A2A	Validation: [1..1]
<NewCrit>		NewCriteria	
		Mandatory A2A	Validation: [1..1]
<SchCrit>		SearchCriteria	
		Mandatory A2A	Validation: [1..1]
<InstrRef>		InstructionReference	InstructionReference
		Mandatory A2A	Validation: [1..1] in PM only <InstrRef> needed
<PrtryRef>-</PrtryRef>	16n	Proprietary Reference	Proprietary Reference SSP-Reference (generated by PM [16x]; unique identifier of a business case - Note: Some business cases consist of several bookings.) Mandatory A2A Validation: [1..1]
</InstrRef>		End of InstructionReference	
		Mandatory A2A	Validation: [1..1]

M

name of attribute	format	short description	description
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation:
		A2A	[1..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation:
		A2A	[1..1]
</SttlmInfCrit>		End settlement Information Criteria	end settlement Information Criteria
		Mandatory	Validation:
		A2A	[1..1]
</SttlmInfQryDef>		End settlement Information Query Definition	end settlement Information Query Definition
		Mandatory	Validation:
		A2A	[1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:
		A2A	

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: message is allowed for CB's only. RBAC role name "APPLICBTE" is required Remark: checked by ICM / ReturnSettlementInformation
2	P13	-	-	P013	Error Text: No payment found Validation: PrtryRef does exist/ available settlement information Remark: ReturnSettlementInformation
3	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / ReturnSettlementInformation

GetSettlementInformation_PM_1

Scope: GetSettlementInformation with SSP-Reference/ PM-Reference (only one sample possible)

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Settlement Information Query Definition

Settlement Information Criteria

NewCriteria

SearchCriteria

InstructionReference

Proprietary Reference

End of InstructionReference

End of SearchCriteria

End of NewCriteria

End settlement Information Criteria

End settlement Information Query Definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetSettlementInformation</Tp>

<SspPrtryDt>

<SttlmInfQryDef>

<SttlmInfCrit>

<NewCrit>

<SchCrit>

<InstrRef>

<PrtryRef>123</PrtryRef>

</InstrRef>

</SchCrit>

</NewCrit>

</SttlmInfCrit>

</SttlmInfQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 4.13 GetTransaction

Cash Management Standard

GetTransaction_PM

M

Scope: The GetTransaction message is sent to receive information about incoming and/or outgoing payments of a direct PM participant. A subset of incoming and/or outgoing payments can be requested by defining the following criteria: S.W.I.F.T. message type, amount, settlement (debits/credits), priority (highly urgent, urgent, normal), type of payment, execution date, error code, status of payment, counterpart country, counterpart BIC, timed payments, settlement time, SWIFT fields, TRN.

The CB is only able to select the Account ID of participants for which she is responsible or of members of a group of account where the CB is responsible for the group.

Business Data Compression via delta sets is supported. GetTransaction message can be performed with the query type "CHNG", "MODF" or "DELD".

Technical Example:

A user wants to have an continues information on the payments in status "final". He keeps a table where the actual payments in this status are recorded. When the business day starts, he sends a query with the suitable new selection criteria. SSP executes the query and returns the complete result set. With the result is returned a reference to this query.

Once the query was executed, the user continues to refer to this query. No new selection criteria is stated. Each query is for new payments in status "final".

The returned data enables the user to update his current table.

The GetTransaction message can be sent by the application of a direct PM participant or the application of a group of accounts manager.

The GetTransaction message is replied by a ReturnTransaction message.

<camt.005.001.xx>

Structure:

MessageName for GetTransaction

<GetTx>

M

Message Identification

<MsgId>

Identification

<Id>ABC1234</Id>

End Message Identification

</MsgId>

Transaction query definition

<TxQryDef>

QueryTypeCode

<QryTp>CHNG</QryTp>

M

Transaction query criteria.

<TxCrit>

choice amongst

xorQryNmNewCrit

QueryName

<QryNm>ABC1233</QryNm>

NewCriteria

<NewCrit>

SearchCriteria

<SchCrit>

PaymentTo

<PmtTo>

Member Identification

<Mmbld>

BIC

<BIC>DEUTDEFFXXX</BIC>

End of Member Identification

</Mmbld>

Country Code

<Ctry>UK</Ctry>

End PaymentTo

</PmtTo>

Payment From

<PmtFr>

Member Identification

<Mmbld>

BIC

<BIC>DEUTDEFFXXX</BIC>

End of Member Identification

</Mmbld>

Country Code

<Ctry>UK</Ctry>

End Payment From

</PmtFr>

PaymentSearch

<PmtSch>

TransactionReference

<TxRef>ABEr45</TxRef>

DateAndDateTimeSearchChoice

<TrfValDt>

DateSearchChoice

<DtSch>

DateSearchChoice

xorDtSch

FromDate							<FrDt>2002-07-21</FrDt>	
ToDate							<ToDt>2002-07-21</ToDt>	
FromToDate							<FrToDt>	
FromDate							<FrDt>2002-07-21</FrDt>	
ToDate							<ToDt>2002-07-28</ToDt>	
End FromToDate							</FrToDt>	
EqualDate							<EQDt>2002-07-28</EQDt>	
End Date Search							/xorDtSch	
End of Date Search							</DtSch>	
End DateAndDateTimeSearchChoice							</TrfValDt>	
InstructionReference							<InstrRef>	
choice							xorLngBizIdPrtryRef	
LongBusinessIdentification							<LngBizId>	
PaymentInstructionRef							<PmtInstrRef>ABC1234</PmtInstrRef>	
InterbankSettlementAmount							<IntrBkSttlmAmt>100.15</IntrBkSttlmAmt>	
InterbankValueDate							<IntrBkValDt>2007-02-25</IntrBkValDt>	
PaymentMethod							<PmtMtd>	
FINMessageType							<FINMT>202</FINMT>	
End of Payment Method							</PmtMtd>	
InstructingAgentIdentification							<InstgAgtId>CHASUS33</InstgAgtId>	
InstructedAgentIdentification							<InstdAgtId>MARKDEFFXXX</InstdAgtId>	
Additional Reference							<RltdRef>ABC12134</RltdRef>	
End LongBusinessIdentification							</LngBizId>	
Proprietary Reference							<PrtryRef>123456</PrtryRef>	M
End of choice							/xorLngBizIdPrtryRef	
End of InstructionReference							</InstrRef>	
InstructionStatus							<InstrSts>	
PaymentStatusCode							<PmtInstrSts>	M
choice							xorPdgStsFnIStsFnlandPdgSts	
PendingStatus							<PdgSts>STLE</PdgSts>	M
FinalStatus							<FnISts>RJTD</FnISts>	M
PendingAndFinalStatus							<PdgAndFnISts>FINL</PdgAndFnISts>	M
End of choice							/xorPdgStsFnIStsFnlandPdgSts	
End PaymentStatusCode							</PmtInstrSts>	
PaymentInstructionStatusDateTime							<PmtInstrStsDtTm>	M
choice							xorFrDtTmToDtTm	
FromDateTime							<FrDtTm>2006-07-21T08:35:30</FrDtTm>	
ToDateTime							<ToDtTm>2006-07-21T08:35:30</ToDtTm>	
DateTimeRange							<DtTmRg>	
FromDateTime							<FrDtTm>2006-07-21T08:35:30</FrDtTm>	
ToDateTime							<ToDtTm>2006-07-21T08:35:30</ToDtTm>	
End of DateTimeRange							</DtTmRg>	
End of choice							/xorFrDtTmToDtTm	
End PaymentInstructionStatusDateTime							</PmtInstrStsDtTm>	
ProprietaryStatusReasonCode							<PrtryStsRsn>0007</PrtryStsRsn>	
End of InstructionStatusSearch							</InstrSts>	
InstructedAmount							<InstdAmt>	
ImpliedCurrencyAndAmountRange							<ImpldCcyAndAmtRg>	
Amount							<Amt>	
choice							xorEQAmtFrToAmt	
From amount							<FrAmt>	
BoundaryAmount							<BdryAmt>	

AccountEntrySearch	<AcctNtrySch>
Account Identification	<AcctId>
AccountIdentificationChoice	<EQ>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE67123456789122345678</Id>
End of simple Identification Information	</DmstAcct>
End of AccountIdentificationChoice	</EQ>
End of Account Identification	</AcctId>
Entry Date / Time	<NtryDt>
DateTimePeriodChoice	<DtTmSch>
DateTimeSearch	xorDtTmSch
FromDateTime	<FrDtTm>2006-07-21T08:35:30</FrDtTm>
ToDateTime	<ToDtTm>2006-07-21T08:35:30</ToDtTm>
DateTimeRange	<DtTmRg>
FromDateTime	<FrDtTm>2006-07-21T08:35:30</FrDtTm>
ToDateTime	<ToDtTm>2006-08-21T08:35:30</ToDtTm>
End of DateTimeRange	</DtTmRg>
End Date Time Choice	/xorDtTmSch
End of DateTimePeriodChoice	</DtTmSch>
End of Entry Date / Time	</NtryDt>
End AccountEntrySearch	</AcctNtrySch>
End of SearchCriteria	</SchCrit>
ReturnCriteria	<RtrCrit>
PaymentToReturnCriteria	<PmtToRtrCrit>
MemberIdentificationIndicator	<MmbldInd>true</MmbldInd>
End PaymentToReturnCriteria	</PmtToRtrCrit>
PaymentFromReturnCriteria	<PmtFrRtrCrit>
MemberIdentificationIndicator	<MmbldInd>true</MmbldInd>
End PaymentFromReturnCriteria	</PmtFrRtrCrit>
AccountCashEntryReturnCriteria	<AcctCshNtryRtrCrit>
EntryDateIndicator	<NtryDtInd>true</NtryDtInd>
End AccountCashEntryReturnCriteria	</AcctCshNtryRtrCrit>
PaymentReturnCriteria	<PmtRtrCrit>
TransactionReferenceIndicator	<TxRefInd>true</TxRefInd>
InstructionStatusReturnCriteria	<InstrStsRtrCrit>
PaymentInstructionStatusIndicator	<PmtInstrStsInd>true</PmtInstrStsInd>
PaymentInstructionStatusDateTimeIndicator	<PmtInstrStsDtTmInd>true</PmtInstrStsDtTmInd>
PaymentInstructionStatusReasonIndicator	<PmtInstrStsRsnInd>true</PmtInstrStsRsnInd>
End InstructionStatusReturnCriteria	</InstrStsRtrCrit>
InstructedAmountIndicator	<InstdAmtInd>true</InstdAmtInd>
Credit Debit Indicator	<CdtDbtInd>true</CdtDbtInd>
PriorityIndicator	<PrtyInd>true</PrtyInd>
ProcessingValidityTimeIndicator	<PrcgVldtyTmInd>true</PrcgVldtyTmInd>
InstructionCopyIndicator	<InstrCpyInd>true</InstrCpyInd>
PaymentTypeIndicator	<PmtTpInd>true</PmtTpInd>
Payment Instruction Reference Indicator	<PmtInstrRefInd>true</PmtInstrRefInd>
Interbank Value Date Indicator	<IntrBkValDtInd>true</IntrBkValDtInd>
Related Reference Indicator	<RltdRefInd>true</RltdRefInd>
PaymentMethod Indicator	<PmtMtdInd>true</PmtMtdInd>
First Agent Indicator	<FrstAgtInd>true</FrstAgtInd>
Instructed Agent Correspondent Indicator	<InstdAgtCrspdtInd>true</InstdAgtCrspdtInd>
IntermediaryIndication	<IntrmyInd>true</IntrmyInd>

FinalAgentIndication	<FnlAgtInd>true</FnlAgtInd>
CreditorIndication	<CdtrInd>true</CdtrInd>
End PaymentReturnCriteria	</PmtRtrCrit>
End of ReturnCriteria	</RtrCrit>
End of NewCriteria	</NewCrit>
End choice amongst	/xorQryNmNewCrit
End of Transaction query criteria.	</TxCrit>
End of Transaction query definition	</TxQryDef>
End of Messagename for GetTransaction	</GetTx>

M

Attributes:

name of attribute	format	short description	description	
<GetTx>		Message name for GetTransaction Mandatory A2A	Message name for GetTransaction Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
<TxQryDef>		Transaction query definition Optional A2A	Definition of the transaction query Validation: [0..1]	
<QryTp>-</QryTp>		QueryTypeCode Optional A2A	Specifies the nature of the query, i.e. whether the query requests that all matching items be returned or only new matching items since the last similar query be returned. ALLL = All Specifies the query requests that all matching items be returned. CHNG = Changes Specifies that the query requests that only new matching items since the last similar query be returned. MODF = Modified Specifies that the query requests to return only items that have changed since the last query. DELD = Deleted Specifies that the query requests to return only items that were deleted since the last query. New matching items are those with a new reference (primary key) in the last result set. (Further details can be found in the general chapter for delta set retrieval) Validation: [0..1] CHNG = only new matching items are returned MODF = only modified items are returned DELD = only deleted items are returned The provisioning of delta sets requires an initialisation with a statement of search criteria. These search criteria can be repeated again and again with the three shapings. Then SSP calculates the delta set again and again as difference between the current query and the respective previous query. The business data compression is only implemented for the ReturnTransaction message.	M

name of attribute	format	short description	description
<TxCrit>		Transaction query criteria.	Defines the transaction query criteria.
		Optional A2A	Validation: [0..1]
xorQryNmNewCrit		choice amongst	TransactionCriteriaDefinitionChoice QueryName and NewCriteria Defines the information that is searched either implicitly by recalling a previous query or explicitly by defining the criteria. QueryName [1..1] Max35Text TransactionCriteriaDefinitionChoice NewCriteria [1..1] TransactionCriteria
		Mandatory A2A	Validation:
<QryNm>	35x	QueryName	Recalls the criteria (search and return criteria) defined in a preceding query. Identifier of a preceding message. The cross-reference is used for the creation of delta sets Reference for the delta set retrieval. Value has been returned with the previous ReturnTransaction message
		Mandatory A2A	Validation: [1..1]
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.
		Mandatory A2A	Validation: [1..1]
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Optional A2A	Validation: *****[0..1] differs from the cash management standard <PmtTo>,<PmtFrom>, <PmtSch>,<AcctNtrySch>, when not stated all transactions sent or received by the participant will be selected
<PmtTo>		PaymentTo	Defines the criteria which are used to search for the destination of the payment. SystemIdentification [0..n] MemberIdentification [0..n]
		Optional A2A	Validation: [0..n] SysId in PM not used
<Mmbld>		Member Identification	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system - Choice amongst <BIC> BICIdentifier <ClrSysMmbld> ClearingSystemMemberIdentificationChoice Counterpart BIC Receiver
		Optional A2A	Validation: *****[0..1] differs from the cash management standard in PM only BIC is used
<BIC>-</BIC>	11x	BIC	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as

name of attribute	format	short description	description
		Mandatory A2A	described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. used for Counterpart BIC (Receiver within the ReturnTransaction) Validation: [1..1] used for Counterpart BIC (other direct participants and/or ancillary systems)
</Mmbld>		End of Member Identification Optional A2A	Validation: [0..1]
<Ctry>-</Ctry>	2!a	Country Code Optional A2A	Country Code Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Alpha-2 code). Counterpart Country Validation: [0..1] used for Counterpart Country
</PmtTo>		End PaymentTo Optional A2A	End PaymentTo Validation: [0..n]
<PmtFr>		Payment From Optional A2A	Defines the criteria which are used to search for the origin of the payment. SystemIdentification [0..n] MemberIdentification [0..n] Validation: [0..n] SysId in PM not used
<Mmbld>		Member Identification Optional A2A	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system - Choice amongst <BIC> BICIdentifier <ClrSysMmbld> ClearingSystemMemberIdentificationChoice Counterpart BIC Sender Validation: *****[0..1] differs from the cash management standard in PM only BIC is used
<BIC>-</BIC>	11x	BIC Mandatory A2A	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. used for Counterpart BIC (Sender within the ReturnTransaction) Validation: [1..1] used for Counterpart BIC (other direct participants and/or ancillary systems)

name of attribute	format	short description	description
</Mmbld>		End of Member Identification Optional A2A	Validation: [0..1]
<Ctry>-</Ctry>	2!a	Country Code Optional A2A	Country Code Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Alpha-2 code). Counterpart Country Validation: [0..1] used for Counterpart Country
</PmtFr>		End Payment From Optional A2A	End Payment From Validation: [0..n]
<PmtSch>		PaymentSearch Optional A2A	Defines the criteria which are used to search for a payment. TransactionReference [0..n] TransferValueDate [0..n] InstructionReference [0..n] InstructionStatus [0..n] InstructedAmount [0..n] InstructedAmountCurrency [0..n] CreditDebitIndicator [0..1] InterbankSettlementAmount [0..n] InterbankSettlementAmountCurrency [0..n] PaymentMethod [0..n] ProcessingValidityTime [0..n] Priority [0..n] Instruction [0..n] PaymentType [0..n] *****If the requestor wants to select a single transaction, identified via a Long business identifier (TRN, Amount, Value date, FINMT, Sender, Receiver, Field 21)) or an internal transfer identifier (SSP-Reference/PM-Reference) no further selection criteria are allowed (<TxRef>, <TrfValDt>,<InstrSts>,<InstdAmt> etc.). The sequence can be used only once (repetition is not allowed). The requestor has to choose between <InstrRef> or the sequence of select criteria Validation: [0..1]In PM following elements are not used: InstructedAmountCurrency [0..n] InterbankSettlementAmount [0..n] InterbankSettlementAmountCurrency [0..n]
<TxRef>-</TxRef>	16x	TransactionReference Optional A2A	Unique and unambiguous identification of a payment transaction, as assigned by the originator. The payment transaction reference is used for reconciliation or to link tasks relating to the payment transaction. IIR (Internal Interlinking Reference) for TARGET Interlinking payments Validation: *****[0..1] differs from the cash management standard IIR (16x) Search Criteria only for CB users
<TrfValDt>		DateAndDateTimeSearchChoice	A choice between a date or a date time pattern as search selection criteria. DateTimeSearch [1..1] DateSearch [1..1] DateSearchChoice Execution Date / Value Date

name of attribute	format	short description	description
		Optional A2A	<p>If the requestor searches for both values ExecutionDate (<TrfValDt>) and Earliest/LatestdebitTime (<PrgVldtyTm>) the date within the two elements has to be the same, if not the consequence is, that no payment is found.</p> <p>Validation: *****[0..1] differs from the cash management standard in PM only <DtSch> Execution Date</p>
<DtSch>		DateSearchChoice Mandatory A2A	<p>A choice between search criteria based on dates and date ranges.</p> <p>Execution Date current and future (5 future dates are possible)</p> <p>Validation: [1..1] in PM <NEQDt> is not used Execution Date current and future (5 future dates are possible)</p>
xorDtSch		DateSearchChoice Mandatory A2A	<p>DateSearchChoice</p> <p>FromDate [1..1] ToDate [1..1] FromToDate [1..1] EqualDate [1..1]</p> <p>Validation:</p>
<FrDt>	ISODate	FromDate Mandatory A2A	<p>Start date of the range.</p> <p>Validation: [1..1]</p>
<ToDt>	ISODate	ToDate Mandatory A2A	<p>End date of the range.</p> <p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>Validation: [1..1]</p>
<FrToDt>		FromToDate Mandatory A2A	<p>A particular time span specified between a start date and an end date.</p> <p>Validation: [1..1]</p>
<FrDt>	ISODate	FromDate Mandatory A2A	<p>Start date of the range.</p> <p>Validation: [1..1]</p>
<ToDt>	ISODate	ToDate Mandatory A2A	<p>End date of the range.</p> <p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>Validation: [1..1]</p>
</FrToDt>		End FromToDate Mandatory A2A	<p>End of a particular time span specified between a start date and an end date.</p> <p>Validation: [1..1]</p>

name of attribute	format	short description	description
<EQDt>	ISODate	EqualDate	A specified date to match.
			Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Mandatory	Validation:
		A2A	[1..1]
/xorDtSch		End Date Search	End Date Search
		Mandatory	Validation:
		A2A	
</DtSch>		End of Date Search	End of Date Search
		Mandatory	Validation:
		A2A	[1..1]
</TrfValDt>		End DateAndDateTimeSearchChoice	End DateAndDateTimeSearchChoice
		Optional	Validation:
		A2A	[0..1]
<InstrRef>		InstructionReference	PaymentIdentificationChoice
			Reference to the instruction related to the payment for which information is requested.
			A choice between ways of identifying a payment instruction by its references and business identification.
			PaymentInstructionReference [1..1] QueueIdentification [1..1] ShortBusinessIdentification [1..1] LongBusinessIdentification [1..1]
			unique and unambiguous identification of a payment
		Optional	Validation:
		A2A	*****[0..1] differs from the cash management standard in PM only <PrtryRef> for the SSP-Reference and <LongBizId> is used
xorLngBizIdPrtryRef		choice	choice between <LongBizId> and <PrtryRef>
		Mandatory	Validation:
		A2A	
<LngBizId>		LongBusinessIdentification	Identifies a payment instruction by a set of characteristics (as per EBA system requirements) which provides an unambiguous identification of the instruction.
			PaymentInstructionReference [1..1] InterbankSettlementAmount [1..1] InterbankValueDate [1..1] PaymentMethod [0..1] InstructingAgentIdentification [1..1] InstructedAgentIdentification [1..1] RelatedReference [0..1]
		Mandatory	Validation:
		A2A	[1..1]if the LongBizId as unique identifier is selected, it is passed back inside payment details of the ReturnTransaction message. in PM following criteria are mandatory PaymentInstructionReference [1..1] InterbankSettlementAmount [1..1] InterbankValueDate [1..1] PaymentMethod [1..1] InstructingAgentIdentification [1..1]

name of attribute	format	short description	description
			InstructedAgentIdentification [1..1] RelatedReference *****[1..1] differs from the Cash management standard
<PmtInstrRef>-</PmtInstrRef>	16x	PaymentInstructionRef	PaymentInstructionRef Unique and unambiguous identifier for a payment instruction, as assigned by the clearing agent or the initiating party. TRN of the original payment instruction Validation: [1..1] TRN
<IntrBkSttlmAmt>		InterbankSettlementAmount	Amount of money transferred between the instructing agent and instructed agent. Amount Validation: [1..1] in PM only 2 fraction digits are possible
<IntrBkValDt>	ISODate	InterbankValueDate	Date on which the amount of money ceases to be available to the agent that owes the money, or when the amount of money becomes available to the agent to which the money is due. Value Date Validation: [1..1] Value Date
<PmtMtd>		PaymentMethod	Indicates the message or event from which an instruction has been initiated. FINMessageType [1..1] XMLMessageName [1..1] Proprietary [1..1] Instrument [1..1] Validation: *****[1..1] mandatory differs from the cash management standard in PM only FINMT represents FINMessageType is used
<FINMT>	3x	FINMessageType	Specifies that the payment was included in a SWIFT FIN format message eg, MT 103. SWIFT Message Type MT Validation: [1..1] It is used to specify a SWIFT FIN message. Possible values are: 202 (MT202), 103 (MT103 and MT103+) or 204 (MT204). Message Type
</PmtMtd>		End of Payment Method	End of Payment Method Validation: [1..1]
<InstgAgId>	11x	InstructingAgentIdentification	The identification of the instructing agent that transmitted the payment instruction. BICIdentifier Sender Validation: [1..1] Sender
<InstdAgId>	11x	InstructedAgentIdentification	The identification of the instructed agent in the payment instruction.

name of attribute	format	short description	description
			BICIdentifier Receiver Mandatory: A2A [1..1] Receiver
<RltdRef>	16x	Additional Reference	RelatedReference The related reference as stipulated in the payment instruction. Field 21 Related Reference Validation: [0..1] Field 21 Related Reference (max 16x)
</LngBizId>		End LongBusinessIdentification Mandatory: A2A	End LongBusinessIdentification Validation: [1..1]
<PrtryRef>-</PrtryRef>	16n	Proprietary Reference Mandatory: A2A	Proprietary Reference SSP-Reference (generated by PM [16x]; unique identifier of a business case - Note: some business cases consist of several bookings) The SSP-Reference will delivered within the ReturnTransaction message Validation: [0..1]
/xorLngBizIdPrtryRef		End of choice Mandatory: A2A	end of choice Validation:
</InstrRef>		End of InstructionReference Optional A2A	End of InstructionReference Validation: [0..1]
<InstrSts>		InstructionStatus Optional A2A	Detailed information about the status of a transfer. PaymentInstructionStatus [1..1] PaymentInstructionStatusDateTime [0..1] Validation: [0..n]
<PmtInstrSts>		PaymentStatusCode Mandatory: A2A	Choice between a list of pending statuses or final statuses. Payment Status Validation: [1..1] In PM only used for Get Transaction: PSTL = Pending STLD = Final (closed normal) STLE = Earmarked noted CAND = Revoked RJTD = Rejected It's not possible to take into account search criteria PaymentInstructionStatusDateTime <PmtInstrStsDtTm> more than once per request. Thus if element InstructionStatus is repeated PaymentInstructionStatusDateTime can only apply to a single status.
xorPdgStsFnIStsFnIandPdgSts		choice	choice amongst <PdgSts>, <FnISts>, and <PdgAndFnISts>

name of attribute	format	short description	description	
		Mandatory	Validation: choice amongst PendingStatus [1..1] FinalStatus [1..1] FinalStatusCode	
<PdgSts>		PendingStatus	<p>Qualifies further the pending status.</p> <p>ACPD= Accepted Transaction has been accepted by the clearing agent.</p> <p>AUTD= Authorised Transaction has been authorised by the transaction administrator or authorised party.</p> <p>INVD= Invalid Transaction is invalid.</p> <p>MATD = Matched Transaction has been matched with a corresponding transaction by the clearing agent.</p> <p>PCAN = PendingCancellation Clearing agent has received a cancellation request for the transaction, and needs either a matching request for cancellation from the counterparty or a confirmation from an authorised party.</p> <p>PFST = PendingFailingSettlement Transaction eligible for immediate settlement, has failed to settle.</p> <p>PSTL= PendingSettlement Transaction is eligible for settlement, but is pending.</p> <p>RMLR = ReceiverMultilateralLimitRelated Transaction causes the 'Receiver multilateral limit' to be exceeded and cannot currently be processed.</p> <p>SMLR = SenderMultilateralLimitRelated Transaction causes the 'Sender multilateral limit' to be exceeded and cannot currently be processed.</p> <p>SRBL = SenderReceiverBilateralLimitRelated Transaction causes the bilateral limit fixed between Sender and Receiver to be exceeded and cannot currently be processed.</p> <p>SSPD = Suspended Transaction has been suspended by the clearing agent.</p> <p>STLE = SettlementEligible Transaction is eligible for future settlement.</p> <p>STLM = SettlementMature Transaction is eligible for immediate settlement.</p> <p>UMAC = Unmatched Clearing agent attempted to match the transaction with a corresponding transaction but failed.</p> <p>VALD = Validated Transaction has been validated by the clearing agent.</p>	M
		Mandatory	Validation: [1..1] in PM only STLE= earmarked, PSTL = Pending, ACPD = warehoused and STLM = information period (AS payment during information period) are used. <PdgSts> is not allowed if <PmtInstrStsDtTm> is used.	
<FnlSts>		FinalStatus	<p>Qualifies further the final status.</p> <p>CAND = Cancelled Transaction has been cancelled.</p> <p>FNLD= Finalised Transaction has been successfully processed by the clearing agent. Settlement will take place outside of the system.</p>	M

name of attribute	format	short description	description	
			<p>RJTD= Rejected Transaction has been rejected by the clearing agent.</p> <p>STLD = Settled Transaction has been successfully processed by the clearing agent.</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] in PM only CAND = revoked, STLD = by means of final and RJTD = rejected are used. If <PmtInstrStsDtTm> is used <FnlSts> is only allowed when code word STLD is filled in.</p>	
<PdgAndFnlSts>		PendingAndFinalStatus	<p>State of a payment instruction at a specified time.</p> <p>FINL = Final The payment has been settled or stopped.</p> <p>PDNG = Pending The payment is awaiting settlement.</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] <PdgAndFnlSts> is not allowed if <PmtInstrStsDtTm> is used.</p>	M
/xorPdgStsFnlStsFnlAndPdgSts		End of choice	end of choice amongst <PdgSts>, <FnlSts>, <PdgAndFnlSts>	
		Mandatory	Validation: end choice amongst PendingStatus [1..1] FinalStatus [1..1] FinalStatusCode PendingAndFinalStatus [1..1]	
		A2A		
</PmtInstrSts>		End PaymentStatusCode	End PaymentStatusCode	
		Mandatory	Validation: [1..1]	
		A2A		
<PmtInstrStsDtTm>		PaymentInstructionStatusDateTime	<p>Date and time at which the status was assigned to the transfer.</p> <p>FromDateTime [1..1] ToDateTime [1..1] DateTimeRange [1..1] Settlement Time</p> <p>Optional</p> <p>A2A</p> <p>Validation: [0..1] It's not possible to take into account search criteria PaymentInstructionStatusDateTime <PmtInstrStsDtTm> more than once per request. Thus if element InstructionStatus is repeated PaymentInstructionStatusDateTime can only apply to a single status.</p>	M
xorFrDtTmToDtTm		choice	DateTimePeriodChoice	
			FromDateTime [1..1] ToDateTime [1..1]	
		Mandatory	Validation:	
		A2A		
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.	
		Mandatory	Validation: [1..1]	
		A2A		
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.	

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
<DtTmRg>		DateTimeRange	Range of time between a start date and time and an end date and time.
		Mandatory	Validation:
		A2A	[1..1]
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
		Mandatory	Validation:
		A2A	[1..1]
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
		Mandatory	Validation:
		A2A	[1..1]
</DtTmRg>		End of DateTimeRange	
		Mandatory	Validation:
		A2A	[1..1]
/xorFrDtTmToDtTm		End of choice	end of choice
		Mandatory	Validation:
		A2A	
</PmtInstrStsDtTm>		End PaymentInstructionStatusDateTime	End PaymentInstructionStatusDateTime
		Optional	Validation:
		A2A	[0..1]
<PrtryStsRsn>	4x	ProprietaryStatusReasonCode	ProprietaryStatusReasonCode
		Optional	Error Code SSP, Error Code SWIFT (Y-Copy)
		A2A	Validation: [0..1] Status reason code proprierty field 4 digits alpha numeric; value different from different SWIFT FIN error codes According to the FinalStatusCode RJTD
</InstrSts>		End of InstructionStatusSearch	End of InstructionStatusSearch
		Optional	Validation:
		A2A	[0..n]
<InstdAmt>		InstructedAmount	Specifies the instructed amount(s) on which the query is performed.
		Optional	Validation:
		A2A	*****[0..1] differs from the cash management standard
<ImpldCcyAndAmtRg>		ImpliedCurrencyAndAmountRange	Expresses an amount or an amount range with an explicit debit/credit indicator and where the currency is implied.
			Amount [1..1] CreditDebitIndicator [0..1]
		Mandatory	Validation:
		A2A	[1..1] in PM only 2 fraction digits are possible this part is for Amount
<Amt>		Amount	
			Amount in EUR

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1] in PM only 2 fraction digits are possible
xorEQAmtFrToAmt		choice	
		Mandatory	Validation:
		A2A	choice amongst Amount equal <EQAmt> or Amount from / to <FrAmt>, <FrToAmt>
<FrAmt>		From amount	
		Mandatory	Validation: [1..1]
<BdryAmt>	18n	BoundaryAmount	Amount value of the range limit.
		Mandatory	Validation: [1..1]
<Incl>		Included	Indicates whether the boundary amount is included in the range of amount values. Indicates a "Yes" or "No" type of answer for an element. MeaningWhenTrue Yes "true" MeaningWhenFalse No "false"
		Mandatory	Validation: [1..1]in PM only true is possible
</FrAmt>		End FromAmount	End FromAmount
		Mandatory	Validation: [1..1]
<ToAmt>		ToAmount	Upper boundary of a range of amount values. BoundaryAmount [1..1] Included [1..1]
		Mandatory	Validation: [1..1]
<BdryAmt>	18n	BoundaryAmount	Amount value of the range limit.
		Mandatory	Validation: [1..1]
<Incl>		Included	Indicates whether the boundary amount is included in the range of amount values. Indicates a "Yes" or "No" type of answer for an element. MeaningWhenTrue Yes "true" MeaningWhenFalse No "false"
		Mandatory	Validation: [1..1]n PM only false is possible
</ToAmt>		End To Amount	
		Mandatory	Validation: [1..1]
<FrToAmt>		FromToAmount	A range of valid amount values. FromAmount [1..1] ToAmount [1..1]

name of attribute	format	short description	description
<FrAmt>		Mandatory A2A	Validation: [1..1]
		FromAmount	Lower boundary of a range of amount values. BoundaryAmount [1..1] Included [1..1] More than or equal Amount
<BdryAmt>	18n	Mandatory A2A	Validation: [1..1]
		BoundaryAmount	Amount value of the range limit.
<Incl>		Mandatory A2A	Validation: [1..1] in PM only 2 fraction digits are possible
		Included	Indicates whether the boundary amount is included in the range of amount values. Indicates a "Yes" or "No" type of answer for an element. MeaningWhenTrue Yes "true" MeaningWhenFalse No "false"
</FrAmt>		Mandatory A2A	Validation: [1..1] in PM only true is possible
		End FromAmount	End FromAmount
<ToAmt>		Mandatory A2A	Validation: [1..1]
		ToAmount	Upper boundary of a range of amount values. BoundaryAmount [1..1] Included [1..1] Less than Amount
<BdryAmt>	18n	Mandatory A2A	Validation: [1..1] in PM only 2 fraction digits are possible
		BoundaryAmount	Amount value of the range limit.
<Incl>		Mandatory A2A	Validation: [1..1] in PM only false is possible
		Included	Indicates whether the boundary amount is included in the range of amount values. Indicates a "Yes" or "No" type of answer for an element. MeaningWhenTrue Yes "true" MeaningWhenFalse No "false"
</ToAmt>		Mandatory A2A	Validation: [1..1]
		End to Amount	End to Amount
</FrToAmt>		Mandatory	Validation:
		End From To Amount	End From To Amount

name of attribute	format	short description	description
		A2A	[1..1]
<EQAmt>	18n	EqualAmount	The exact value an amount must match to be considered valid. Amount (EUR) =
		Mandatory	Validation:
		A2A	[1..1] in PM only 2 fraction digits are possible
/xorEQAmtFrToAmt		End of choice	
		Mandatory	Validation:
		A2A	choice amongst Amount equal <EQAmt> or Amount from / to <FrAmt>, <FrToAmt>
</Amt>		End of Amount	End of Amount
		Mandatory	Validation:
		A2A	[1..1]
</ImpldCcyAndAmtRg>		End ImpliedCurrencyandAmount Range	End ImpliedCurrencyandAmount Range
		Mandatory	Validation:
		A2A	[1..1]
</InstdAmt>		End Instructed Amount	End Instructed Amount
		Optional	Validation:
		A2A	[0..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	CRDT = Credit Operation is an increase. DBIT = Debit Operation is a decrease. Settlement Debits / Credits (Debits: in case of MT103 and MT202 for search Sender BIC of the participant or in case of MT 204 for search Receiver BIC of the participant) (Credits: in case of MT103 and MT202 for search Receiver BIC of the participant or in case of MT 204 for search Sender BIC of the participant)
		Optional	Validation:
		A2A	[0..1] Indicates whether the payment instruction is a debit or a credit. If credit or debit are not selected, both values are searched.
<PmtMtd>		PaymentMethod	Indicates the message or event from which an instruction has been initiated. FINMessageType [1..1] XMLMessageName [1..1] Proprietary [1..1] Instrument [1..1]
		Optional	Validation:
		A2A	*****[0..3]differs from the cash management standard In PM only FINMessageType represents FINMT is used
<FINMT>	3x	FINMessageType	Specifies that the payment was included in a SWIFT FIN format message eg, MT 103. SWIFT Message-Type
		Mandatory	Validation:
		A2A	[1..1] It is used to specify a SWIFT FIN message. Possible values are: 202 (MT202), 103 (MT103 and MT103+) or 204 (MT204).

name of attribute	format	short description	description
</PmtMtd>		End of Payment Method	End of Payment Method
	Optional A2A		Validation: [0..3]
<Prty>		Priority	The relative urgency or order of importance that the originator would like the recipient of the payment instruction to apply to the processing of the payment instruction. Code [1..1] PriorityCode PriorityCodeChoice ProprietaryCode [1..1] Max4AlphaNumericText
	Optional A2A		Validation: *****[0..3]differs from the cash managemt standard
<Cd>		Priority Code	Specifies the priority level of an event. HIGH = High Priority level is high. LOWW = Low Priority level is low. NORM = Normal Priority level is normal. Priority
	Mandatory A2A		Validation: [1..1] here only PriortyCode is used If nothing is selected, all values are searched Normal = NORM is defined in PM as = urgent Priority High = HIGH is defined in PM as = highly urgent Priority Low = LOWW is defined in PM as = normal Priority
</Prty>		End Priority	End Priority
	Optional A2A		Validation: [0..3]
<PrcgVldtyTm>		ProcessingValidityTime	Date and time range within which the payment instruction must be processed. Timed payments, Earliest and Latest Debit Time defined by the Instruction Code. If the requestor searches for both values ExecutionDate (<TrfValDt>) and Earliest/LatestdebitTime (<PrcgVldtyTm>) the date within the two elements has to be the same, if not the consequence is, that no payment is found.
	Optional A2A		Validation: *****[0..2]differs from the cash management standard The multiplicity of the element "Instr" and "PrcgVldtyTm" must be the same
xorFrDtTmToDtTmDtTmRg		choice	choice amongst <FrDtTm>, <ToDtTm> or <DtTmRg>
	Mandatory A2A		Validation: choice amongst FromDateTime [1..1] ToDateTime [1..1] or DateTimeRange [1..1]
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
	Mandatory A2A		Validation: [1..1]

name of attribute	format	short description	description
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
		Mandatory	Validation:
		A2A	[1..1]
<DtTmRg>		DateTimeRange	Range of time between a start date and time and an end date and time.
		Mandatory	Validation:
		A2A	[1..1] the date time range is only possible within one day e.g. <FrDtTm>2006-07-21T08:35:30</FrDtTm><ToDtTm>2006-07-21T09:35:30</ToDtTm>, if the range includes different dates the request will be rejected with an error (see list of error code). If there is a requirement to ask for different dates within the DtTmRg, there has to be initiated further requests.
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
		Mandatory	Validation:
		A2A	[1..1]
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
		Mandatory	Validation:
		A2A	[1..1]
</DtTmRg>		End Date Time Range	
		Mandatory	Validation:
		A2A	[1..1]
/xorFrDtTmToDtTmDtTmRg		End of choice	end of choice amongst <FrDtTm>, or <ToDtTm> or <DtTmRg>
		Mandatory	Validation:
		A2A	End choice amongst FromDateTime [1..1] ToDateTime [1..1] or DateTimeRange [1..1]
</PrcgVldtyTm>		End of ProcessingValidityTime	End of ProcessingValidityTime
		Optional	Validation:
		A2A	[0..2]
<Instr>-</Instr>		Instruction	Further information related to the processing of the payment instruction. The instruction can relate to a level of service between the bank and the customer, or give instructions to and for specific parties in the payment chain.
			PBEN = PayTheBeneficiary Beneficiary to be paid only after verification of identity.
			TFRO = TimeFrom Payment instruction will be valid and eligible for execution from the date and time stipulated.
			TTIL = TimeTill Payment instruction is valid and eligible for execution until the date and time stipulated. Otherwise, the payment instruction will be rejected.
			Definition Earliest Debit Time is related to the Codeword (FROTIME) or Latest Debit Time is related to payments with codeword /TILTIME/, /REJTIME/ or /CLSTIME/.
		Optional	Validation:
		A2A	[0..2]in PM only TTIL (Latest Debit Time) and TFRO

name of attribute	format	short description	description
			(Earliest Debit Time) are used to define Timed Payments The multiplicity of the element "Instr" and "PrcgVldtyTm" must be the same
<PmtTp>		Payment Type	Type, or nature, of the payment..
		Optional	Validation:
	A2A		*****[0..9]differs from the cash management standard
<PrtryPmtTp>-</PrtryPmtTp>	4x	Proprietary Payment Type	Proprietary Payment Type
			REGP = Regular Payment CONP = Connected Payment BACP = Backup Payment LIQP = Liquidity transfer via payments ASYP = Ancillary Systems Payments MANP= mandated payment INTP = interests PDDB = penalties BIDB = billing
		Type of Payment	
</PmtTp>		Mandatory	Validation:
		A2A	[1..1] in PM only Proprietary Payment Type is used
		End Payment Type	End Payment Type
</PmtTp>		Optional	Validation:
		A2A	[0..9]
		End Payment Type	End Payment Type
<PmtInstrRef>-</PmtInstrRef>	16x	PaymentInstructionRef	Unique and unambiguous identifier for a payment instruction, as assigned by the clearing agent or the initiating party.
			TRN (Transaction ReferenceNumber)
		Optional	Validation:
<PmtInstrRef>-</PmtInstrRef>	16x	A2A	*****[0..1] differs from the cash management standard
			TRN
<RltdRef>	16x	Additional Reference	Reference of the request.
			Reference MessageName Referencelssuer
			If MessageName is not present, then Referencelssuer is mandatory. If MessageName is present, then Referencelssuer is optional.
<RltdRef>	16x	Field 21	Field 21
		Optional	Validation:
		A2A	*****[0..1] differs from the cash management standard
<PmtTxPty>		PaymentTransactionParty	needed for selection of Selection SWIFT FIN Fields
		Optional	Validation:
		A2A	*****[0..1] differs from the cash management standard
<PmtTxPty>			If GoA manager selects SWIFT fields, there are only displayed his own accounts as participant.
<FrstAgt>-</FrstAgt>		First Agent	First Agent
			BIC Identifier
			SWIFT Field 52 (Ordering Institution)
<FrstAgt>-</FrstAgt>		Optional	Validation:
		A2A	[0..1] Field 52 [Ordering Institution]
<InstdAgtCrspdt>-</InstdAgtCrspdt>		Receivers Correspondent	Receivers Correspondent

name of attribute	format	short description	description
			BICIdentifier SWIFT Field 54 (Receiver's Correspondent) Validation: [0..1] SWIFT Field 54
<Intrmy>-</Intrmy>		Intermediary	Intermediary BIC Identifier SWIFT Field 56 (Intermediary Institution) Validation: [0..1] Field 56 (Intermediary Institution)
	Optional A2A		
<FnIAgt>-</FnIAgt>		Final Agent	Final Agent BICIdentifier SWIFT Field 57 (Account with Institution) Validation: [0..1] Field 57 (Account with Institution)
	Optional A2A		
<Cdtr>-</Cdtr>		Creditor	Creditor BICIdentifier SWIFT Field 58 (Beneficiary Institution) Validation: [0..1] Field 58 (Beneficiary Institution)
	Optional A2A		
</PmtTxPty>		End PaymentTransactionParty	End Selection SWIFT FIN Fields Validation: [0..1]
	Optional A2A		
</PmtSch>		End PaymentSearch	End PaymentSearch Validation: [0..1]
	Optional A2A		
<AcctNtrySch>		AccountEntrySearch	Defines the criteria which are used to search for a cash entry. Validation: [0..1]
	Optional A2A		
<AcctId>		Account Identification	Account Identification Counterpart RTGSAccount /Sub-Account Validation: *****[0..n] If <AcctId> is not stated, the requestor (e. g. GoA manager, CB) can see all payments of participants he is responsible for (according the other selection criteria). If e. g. the CB/ GoA manager wants to select payments of a specific participant for whom they are responsible, they have to specify the RTGS Account ID of the participant, for whom they want to query the information.
	Optional A2A		
<EQ>		AccountIdentificationChoice	AccountIdentificationChoice Validation: [1..1] only <DmstAcct><Id> is used
	Mandatory A2A		
<DmstAcct>		Simple Identification Information	Simple Identification Information Validation: [1..1]
	Mandatory A2A		

name of attribute	format	short description	description	
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.	
		Mandatory	sub-account number / account number of third party	
		A2A	Validation: [1..1] Account / Sub-Account: for CB all RTGS accounts the CB is responsible for and the related sub-accounts; for GoA all RTGS accounts of the group and the related sub-accounts	
</DmstAcct>		End of simple Identification Information		
		Mandatory	Validation:	
		A2A	[1..1]	
</EQ>		End of AccountIdentificationChoice	End of search for one or more accounts based on exact identification of the account(s).	
		Mandatory	Validation:	
		A2A	[1..1]	
</AcctId>		End of Account Identification	End Account Identification	
		Optional	Validation:	
		A2A	[0..n]	
<NtryDt>		Entry Date / Time	Date and time at which an entry is posted to an account on the account servicer's books.	
		Optional	Entry Date Time	
		A2A	Validation: [0..n]	
<DtTmSch>		DateTimePeriodChoice	A choice between various date time patterns.	
			FromDateTime [1..1] ToDateTime [1..1] DateTimeRange [1..1]	
			DateTimePeriodChoice DateTimePeriodChoice DateTimePeriodChoice	
		Mandatory	Validation:	
		A2A	[1..1]	
xorDtTmSch		DateTimeSearch	DateTimeSearch	
			FromDateTime [1..1] ToDateTime [1..1] DateTimeRange [1..1]	
		Mandatory	Validation:	
		A2A		
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.	
		Mandatory	Validation:	
		A2A	[1..1]	
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.	
		Mandatory	Validation:	
		A2A	[1..1]	
<DtTmRg>		DateTimeRange	Range of time between a start date and time and an end date and time.	
		Mandatory	Validation:	
		A2A	[1..1]	

name of attribute	format	short description	description
<FrDtTm>	ISODatetime	FromDateTime	Date and time at which the range starts.
		Mandatory	Validation:
		A2A	[1..1]
<ToDtTm>	ISODatetime	ToDateTime	Date and time at which the range ends.
		Mandatory	Validation:
		A2A	[1..1]
</DtTmRg>		End of DateTimeRange	
		Mandatory	Validation:
		A2A	[1..1]
/xorDtTmSch		End Date Time Choice	end Date Time Choice
		Mandatory	Validation:
		A2A	
</DtTmSch>		End of DateTimePeriodChoice	End of DateTimePeriodChoice
		Mandatory	Validation:
		A2A	[1..1]
</NtryDt>		End of Entry Date / Time	
		Optional	Validation:
		A2A	[0..n]
</AcctNtrySch>		End AccountEntrySearch	End of defines the criteria which are used to search for a cash entry.
		Optional	Validation:
		A2A	[0..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Optional	Validation:
		A2A	[0..1]
<RtrCrit>		ReturnCriteria	Defines the Transaction criteria used to report on.
		Optional	Validation:
		A2A	[0..1] If ReturnCriteria is not selected, all possible Payment details are returned back in the ReturnTransaction message. If ReturnCriteria is present, it define the expected report.
			StatementReport <StmRpt> is not used in PM
<PmtToRtrCrit>		PaymentToReturnCriteria	Destination of the payment (be it a member or a system or both).
		Optional	Validation:
		A2A	[0..1] <SysIdInd>, <CtryInd> and <AcctIdInd> not used in PM
<MmbldInd>		MemberIdentificationIndicator	Indicates whether the member identification is requested.
		Optional	Validation:
		A2A	[0..1]
</PmtToRtrCrit>		End PaymentToReturnCriteria	End of destination of the payment (be it a member or a system or both).

name of attribute	format	short description	description
<PmtFrRtrCrit>	Optional		Validation:
	A2A		[0..1]
<MmbldInd>	PaymentFromReturnCriteria		Origin of the payment (be it a member or a system or both).
	Optional		Validation:
</PmtFrRtrCrit>	A2A		[0..1] <SysIdInd>, <CtryInd> and <AcctIdInd> not used in PM
	MemberIdentificationIndicator		Indicates whether the member identification is requested.
<AcctCshNtryRtrCrit>	Optional		Validation:
	A2A		[0..1]
<NtryDtInd>	EntryDateIndicator		Indicates whether the entry date is requested.
	Optional		Validation:
</AcctCshNtryRtrCrit>	A2A		[0..1]
	End AccountCashEntryReturnCriteria		End of defines the criteria used to report on the cash entry.
<PmtRtrCrit>	Optional		Validation:
	A2A		[0..1]
<TxRefInd>	PaymentReturnCriteria		Defines the criteria used to report on the payment.
	Optional		Validation:
<InstrStsRtrCrit>	A2A		[0..1]
	TransactionReferenceIndicator		Indicates whether the transaction reference is requested.
<PmtInstrStsInd>	Optional		Validation:
	A2A		[0..1]
<PmtInstrStsDtTmInd>	InstructionStatusReturnCriteria		Indicates whether the instruction status is requested.
	Optional		Validation:
<PmtInstrStsDtTmInd>	A2A		[0..1]
	PaymentInstructionStatusIndicator		Indicates if the instruction status is requested.
<PmtInstrStsDtTmInd>	Mandatory		Validation:
	A2A		[1..1]
<PmtInstrStsDtTmInd>	PaymentInstructionStatusDateTimeIndicator		Indicates if the status date and time are requested.
	Optional		Validation:
<PmtInstrStsDtTmInd>	A2A		[0..1]

name of attribute	format	short description	description
<PmtInstrStsRsnInd>		PaymentInstructionStatusReasonIndicator Optional A2A	Indicates if the status reason is requested. return error code Validation: [0..1]
</InstrStsRtrCrit>		End InstructionStatusReturnCriteria Optional A2A	End of indicates whether the instruction status is requested. Validation: [0..1]
<InstdAmtInd>		InstructedAmountIndicator Optional A2A	Indicates whether the instructed amount is requested. return amount Validation: [0..1]
<CdtDbtInd>		Credit Debit Indicator Optional A2A	Credit Debit Indicator as ReturnCriteria Indicates whether a Credit Debit Code is requested. return debit and credit settlement Validation: [0..1]
<PrtyInd>		PriorityIndicator Optional A2A	Indicates whether the payment priority is requested. return priority Validation: [0..1]
<PrcgVldtyTmInd>		ProcessingValidityTimeIndicator Optional A2A	Indicates whether the processing validity time is requested. return timed payments Validation: [0..1]
<InstrCpyInd>		InstructionCopyIndicator Optional A2A	Indicates whether the instruction copy is requested. In SSP 10000x used to return the complete copy of the payment message (SWIFT FIN string of the selected message including Header and Trailer or internal message or XML message) both messages will returned unformatted. In case of receiving an original XML message, SSP use a CDATA section, so that the text will be ignored by the parser, with the effect, that the markup sings <> will be ignored too. From a technical point of view it seems to be a string. The client A2A application have to unpack this CDATA section. This will look as follows: <InstrCpy><![CDATA[<Document xmlns="urn:swift:xsd:\$pain.998.001.01"><pain.998.001.01><PrtryDt><Tp>ASTransferInitiation</Tp>...</PrtryDt></pain.998.001.01></Document>]]></InstrCpy> Validation: [0..1]
<PmtTpInd>		PaymentTypeIndicator Optional A2A	Indicates whether the payment type is requested. return payment type Validation: [0..1]
<PmtInstrRefInd>		Payment Instruction Reference Indicator	Payment Instruction Reference Indicator MeaningWhenTrue Requested MeaningWhenFalse Not Requested return F20 TRN

name of attribute	format	short description	description
	Optional		Validation:
	A2A		[0..1]
<IntrBkValDtInd>	Interbank Value Date Indicator		Interbank Value Date Indicator MeaningWhenTrue Requested MeaningWhenFalse Not Requested return execution date / value date
	Optional		Validation: [0..1]
<RltdRefInd>	Related Reference Indicator		Related Reference Indicator Indicates whether the Related Reference is requested. MeaningWhenTrue Requested MeaningWhenFalse Not Requested return F21 Related Reference
	Optional		Validation: [0..1]
<PmtMtdInd>	PaymentMethod Indicator		PaymentMethod Indicator MeaningWhenTrue Requested MeaningWhenFalse Not Requested return message type
	Optional		Validation: [0..1]
<FrstAgtInd>-</FrstAgtInd>	First Agent Indicator		Indicates whether the FirstAgent identification is requested. MeaningWhenTrue: :Requested MeaningWhenFalse: Not Requested return F52, ordering institution
	Optional		Validation: [0..1]
<InstdAgtCrspdtInd>-</InstdAgtCrspdtInd>	Instructed Agent Correspondent Indicator		Indicates whether the Instructed Agent Correspondent Indicator is requested. MeaningWhenTrue: :Requested MeaningWhenFalse: Not Requested return F54, receivers correspondent
	Optional		Validation: [0..1]
<IntrmyInd>-</IntrmyInd>	IntermediaryIndication		Indicates whether the Intermediary Indicator is requested. MeaningWhenTrue: :Requested MeaningWhenFalse: Not Requested return F56, intermediary institution
	Optional		Validation: [0..1]
<FnIAgtInd>-</FnIAgtInd>	FinalAgentIndication		Indicates whether the Final Agent Indication is requested. MeaningWhenTrue: :Requested MeaningWhenFalse: Not Requested return F57, account with institution
	Optional		Validation: [0..1]
<CdtrInd>-</CdtrInd>	CreditorIndication		Indicates whether the Creditor Indication is requested. MeaningWhenTrue: :Requested

name of attribute	format	short description	description
			MeaningWhenFalse: Not Requested return F58, beneficiary institution
	Optional		Validation:
	A2A		[0..1]
</PmtRtrCrit>		End PaymentReturnCriteria	End of defines the criteria used to report on the payment.
	Optional		Validation:
	A2A		[0..1]
</RtrCrit>		End of ReturnCriteria	End of ReturnCriteria
	Optional		Validation:
	A2A		[0..1]
</NewCrit>		End of NewCriteria	End of NewCriteria
	Mandatory		Validation:
	A2A		[1..1]
/xorQryNmNewCrit		End choice amongst	end choice amongst TransactionCriteriaDefinitionChoice
	Mandatory		Validation:
	A2A		
</TxCrit>		End of Transaction query criteria.	
	Optional		Validation:
	A2A		[0..1]
</TxQryDef>		End of Transaction query definition	
	Optional		Validation:
	A2A		[0..1]
</GetTx>		End of Messagename for GetTransaction	
	Mandatory		Validation:
	A2A		

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required. Remark: checked by ICM / ReturnTransaction
2	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctId/DmstAcct/Id value must indicate a sub-account or a main account that belongs to the credit institution itself or to a participant the credit institution is entitled to act on behalf of Remark: checked by ICM/ ReturnTransaction
3	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctId/DmstAcct/Id value must indicate a sub-account or a main account that belongs to the central bank itself or to a participant the central bank is responsible for Remark: checked by ICM/ ReturnTransaction
4	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctId/DmstAcct/Id value must indicate a sub-account or a main account that belongs to a member of the group of accounts the participant is manager of Remark: checked by ICM/ ReturnTransaction
5	X35	-	-	1305	Error Text: The query name is not related to a previous query. Validation: QryNm value must indicate a previous query Remark: checked by ICM/ ReturnTransaction
6	P05	-	-	P005	Error Text: You are not allowed to select the Internal Interlinking Reference Validation: <TxRefInd> IIR (Internal Interlinking Reference) for TARGET Interlinking payments. Only for CB user Remark: checked by ICM/ ReturnTransaction
7	P05	-	-	P005	Error Text: You are not allowed to select the Internal Interlinking Reference Validation: <TxRef>-</TxRef> IIR (Internal Interlinking Reference) for TARGET Interlinking payments. Only for CB user Remark: checked by ICM/ ReturnTransaction
8	P10	-	-	P010	Error Text: The multiplicity of the element "Instr" and "PrcgVldtyTm" is unequal Validation: The multiplicity of the element "Instr" and "PrcgVldtyTm" must be the same Remark: ReturnTransaction
9	P06	-	-	P006	Error Text: If you want to select SWIFT fields, you must select your own accounts. Validation: It's not possible for the GoA manager to search for <PmtTxPty> (SWIFT fields), GoA manager is only able to select his own accounts as participant. Remark: ReturnTransaction
10	P04	-	-	P004	Error Text: If you want to select SWIFT fields in your preferences, you must select your own accounts. Validation: It's not possible for the GoA manager to search for (SWIFT fields within the ReturnCriteria): <FrstAgtInd>, <InstrCpy>, <InstAgtCrspdtInd>, <IntrmyInd>, <FnlAgtInd>, <CdtrInd>The GoA manager is only able to select his own accounts as participant. Remark: ReturnTransaction

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
11	P86	-	-	P116	Error Text: Only one date for Execution Date is allowed Validation: PrcgVldtyTm/ DtTmRg / FrDtTm and /ToDtTm: the date instruction within FrDtTm and ToDtTm must be the same. Remark: checked by ICM / ReturnTransaction
12	P07	-	-	P007	Error Text: If you want to search for PaymentInstructionStatusDateTime, you have to send one request per payment status. A Validation: It's not possible to take into account search criteria PaymentInstructionStatusDateTime <PmtInstrStsDtTm> more than once per request. Thus if element InstructionStatus is repeated PaymentInstructionStatusDateTime can only apply to a single status. Remark: checked by ICM / ReturnTransaction
13	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: ReturnTransaction
14	P13	-	-	P013	Error Text: No payment found Validation: existing payment Remark: ReturnTransaction
15	P13	-	-	P013	Error Text: No payment found Validation: PrtryRef does exist and is valid Remark: ReturnTransaction
16	P13	-	-	P013	Error Text: No payment found Validation: Execution Date current and future (5 future dates are possible) Remark: ReturnTransaction
17	P72	-	-	P102	Error Text: Function is not available for AS payments Validation: Due to the fact that the <PrtryRef> is not unique search criteria for AS payments. This function is not available for AS payments. Remark:
18	P99	-	-	P099	Error Text: No authorisation. The GoA Manager has no longer access to payments of an excluded Participant, which was previously member of his GoA. Validation: The Group of Accounts Manager has no longer access to payments of an excluded participant, which was previously member of his Group of Accounts. The validation will also be taken into account if a CB/SSP user works on behalf of the GoA Manager. The validation does not concern the access on the GoA Managers RTGS Account, if he is excluded. Remark:
19	P50	-	-	P050	Error Text: If element <PmtInstrStsDtTm> is used, within <PmtInstrSts> it is only allowed to search for <FnlSts>STLD</FnlSts>. A Validation: If element <PmtInstrStsDtTm> (Settlement Time) is used, within <PmtInstrSts> it is only allowed to search for <FnlSts>STLD</FnlSts> (settled transactions). Remark: checked by ICM / ReturnTransaction

GetTransaction_PM_1

Scope: GetTransaction via SSP-Reference (PM-Reference) with different indicators within the Transaction Return Criteria

Messagename for GetTransaction

Message Identification
Identification
End Message Identification
Transaction query definition
Transaction query criteria.
NewCriteria
SearchCriteria
PaymentSearch
InstructionReference
Proprietary Reference
End of InstructionReference
End PaymentSearch
End of SearchCriteria
ReturnCriteria
PaymentToReturnCriteria
MemberIdentificationIndicator
End PaymentToReturnCriteria
PaymentFromReturnCriteria
MemberIdentificationIndicator
End PaymentFromReturnCriteria
PaymentReturnCriteria
TransactionReferenceIndicator
InstructedAmountIndicator
Credit Debit Indicator
PriorityIndicator
PaymentTypeIndicator
Payment Instruction Reference Indicator
Interbank Value Date Indicator
Related Reference Indicator
PaymentMethod Indicator
First Agent Indicator
Instructed Agent Correspondent Indicator
IntermediaryIndication
FinalAgentIndication
CreditorIndication
End PaymentReturnCriteria
End of ReturnCriteria
End of NewCriteria
End of Transaction query criteria.
End of Transaction query definition

End of Messagename for GetTransaction

<GetTx>

<MsgId>
| <Id>ABC123</Id>
</MsgId>
<TxQryDef>
| <TxCrit>
| | <NewCrit>
| | | <SchCrit>
| | | | <PmtSch>
| | | | | <InstrRef>
| | | | | | <PrtryRef>123456</PrtryRef>
| | | | | </InstrRef>
| | | | </PmtSch>
| | | </SchCrit>
| | <RtrCrit>
| | | <PmtToRtrCrit>
| | | | <MmbldInd>true</MmbldInd>
| | | | </PmtToRtrCrit>
| | | <PmtFrRtrCrit>
| | | | <MmbldInd>true</MmbldInd>
| | | | </PmtFrRtrCrit>
| | | <PmtRtrCrit>
| | | | <TxRefInd>true</TxRefInd>
| | | | <InstdAmtInd>true</InstdAmtInd>
| | | | <CdtDbtInd>true</CdtDbtInd>
| | | | <PrtyInd>true</PrtyInd>
| | | | <PmtTpInd>true</PmtTpInd>
| | | | <PmtInstrRefInd>true</PmtInstrRefInd>
| | | | <IntrBkValDtInd>true</IntrBkValDtInd>
| | | | <RltdRefInd>true</RltdRefInd>
| | | | <PmtMtdInd>true</PmtMtdInd>
| | | | <FrstAgtInd>true</FrstAgtInd>
| | | | <InstdAgtCrspdtInd>true</InstdAgtCrspdtInd>
| | | | <IntrmyInd>true</IntrmyInd>
| | | | <FnIAgtInd>true</FnIAgtInd>
| | | | <CdtrInd>true</CdtrInd>
| | | </PmtRtrCrit>
| | </RtrCrit>
| </NewCrit>
</TxCrit>
</TxQryDef>

</GetTx>

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GetTransaction_PM_2

Scope: GetTransaction: via LongBusinessIdentification without Transaction Return Criteria

Messagename for GetTransaction

Message Identification
Identification
End Message Identification
Transaction query definition
Transaction query criteria.
NewCriteria
SearchCriteria
PaymentSearch
InstructionReference
LongBusinessIdentification
PaymentInstructionRef
InterbankSettlementAmount
InterbankValueDate
PaymentMethod
FINMessageType
End of Payment Method
InstructingAgentIdentification
InstructedAgentIdentification
Additional Reference
End LongBusinessIdentification
End of InstructionReference
End PaymentSearch
End of SearchCriteria
End of NewCriteria
End of Transaction query criteria.
End of Transaction query definition

End of Messagename for GetTransaction

<GetTx>

```
<MsgId>
|  <Id>ABC123</Id>
|
|  </MsgId>
|
|  <TxQryDef>
|  |
|  |  <TxCrit>
|  |  |
|  |  |  <NewCrit>
|  |  |  |
|  |  |  |  <SchCrit>
|  |  |  |  |
|  |  |  |  |  <PmtSch>
|  |  |  |  |  |
|  |  |  |  |  |  <InstrRef>
|  |  |  |  |  |  |
|  |  |  |  |  |  |  <LngBizId>
|  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  <PmtInstrRef>ABC1234</PmtInstrRef>
|  |  |  |  |  |  |  |  <IntrBkSttImAmt>100.15</IntrBkSttImAmt>
|  |  |  |  |  |  |  |  <IntrBkValDt>2007-02-25</IntrBkValDt>
|  |  |  |  |  |  |  |  <PmtMtd>
|  |  |  |  |  |  |  |  |
|  |  |  |  |  |  |  |  |  <FINMT>202</FINMT>
|  |  |  |  |  |  |  |  |  </PmtMtd>
|  |  |  |  |  |  |  |  |  <InstgAgtd>DEUTDEFFXXX</InstgAgtd>
|  |  |  |  |  |  |  |  |  <InstdAgtd>MARKDEFFXXX</InstdAgtd>
|  |  |  |  |  |  |  |  |  <RltdRef>ABC12134</RltdRef>
|  |  |  |  |  |  |  |  |  </LngBizId>
|  |  |  |  |  |  |  |  |  </InstrRef>
|  |  |  |  |  |  |  |  |  </PmtSch>
|  |  |  |  |  |  |  |  |  </SchCrit>
|  |  |  |  |  |  |  |  |  </NewCrit>
|  |  |  |  |  |  |  |  |  </TxCrit>
|  |  |  |  |  |  |  |  |  </TxQryDef>
```

</GetTx>

GetTransaction_PM_3

Scope: GetTransaction without Reference, search for different payment details:

Counterpart BIC

<PmtSch> PaymentSearch:

- ExecutionDate
- Amount
- Priority urgent payments

MessageName for GetTransaction

<GetTx>

Message Identification	<MsgId>
Identification	<Id>ABC123</Id>
End Message Identification	</MsgId>
Transaction query definition	<TxQryDef>
Transaction query criteria.	<TxCrit>
NewCriteria	<NewCrit>
SearchCriteria	<SchCrit>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>DEUTDEFFXXX</BIC>
End of Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>DEUTDEFFXXX</BIC>
End of Member Identification	</Mmbld>
End Payment From	</PmtFr>
PaymentSearch	<PmtSch>
DateAndDateTimeSearchChoice	<TrfValDt>
DateSearchChoice	<DtSch>
FromToDate	<FrToDt>
FromDate	<FrDt>2008-07-21</FrDt>
ToDate	<ToDt>2008-07-22</ToDt>
End FromToDate	</FrToDt>
End of Date Search	</DtSch>
End DateAndDateTimeSearchChoice	</TrfValDt>
InstructedAmount	<InstdAmt>
ImpliedCurrencyAndAmountRange	<ImpldCcyAndAmtRg>
Amount	<Amt>
EqualAmount	<EQAmt>500000.00</EQAmt>
End of Amount	</Amt>
End ImpliedCurrencyandAmount Range	</ImpldCcyAndAmtRg>
End Instructed Amount	</InstdAmt>
Priority	<Prt>
Priority Code	<Cd>NORM</Cd>
End Priority	</Prt>
End PaymentSearch	</PmtSch>
End of SearchCriteria	</SchCrit>
ReturnCriteria	<RtrCrit>
PaymentToReturnCriteria	<PmtToRtrCrit>
MemberIdentificationIndicator	<MmbldInd>true</MmbldInd>
End PaymentToReturnCriteria	</PmtToRtrCrit>
PaymentFromReturnCriteria	<PmtFrRtrCrit>
MemberIdentificationIndicator	<MmbldInd>true</MmbldInd>

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End PaymentFromReturnCriteria	</PmtFrRtrCrit>
PaymentReturnCriteria	<PmtRtrCrit>
InstructedAmountIndicator	<InstdAmtInd>true</InstdAmtInd>
PriorityIndicator	<PrtyInd>true</PrtyInd>
Interbank Value Date Indicator	<IntrBkValDtInd>true</IntrBkValDtInd>
End PaymentReturnCriteria	</PmtRtrCrit>
End of ReturnCriteria	</RtrCrit>
End of NewCriteria	</NewCrit>
End of Transaction query criteria.	</TxCrit>
End of Transaction query definition	</TxQryDef>
End of Messagename for GetTransaction	</GetTx>

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GetTransaction_PM_4

Scope: GetTransaction without SSP-Reference. Request with Payment Search details <PmtSch>

Messagename for GetTransaction

<GetTx>

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Message Identification	<MsgId>
Identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
Transaction query definition	<TxQryDef>
Transaction query criteria.	<TxCrit>
NewCriteria	<NewCrit>
SearchCriteria	<SchCrit>
PaymentSearch	<PmtSch>
TransactionReference	<TxRef>ABEr45</TxRef>
DateAndDateTimeSearchChoice	<TrfValDt>
DateSearchChoice	<DtSch>
EqualDate	<EQDt>2002-07-28</EQDt>
End of Date Search	</DtSch>
End DateAndDateTimeSearchChoice	</TrfValDt>
InstructionStatus	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
FinalStatus	<FnlSts>RJTD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
End of InstructionStatusSearch	</InstrSts>
InstructedAmount	<InstdAmt>
ImpliedCurrencyAndAmountRange	<ImpldCcyAndAmtRg>
Amount	<Amt>
FromToAmount	<FrToAmt>
FromAmount	<FrAmt>
BoundaryAmount	<BdryAmt>1000.00</BdryAmt>
Included	<Incl>true</Incl>
End FromAmount	</FrAmt>
ToAmount	<ToAmt>
BoundaryAmount	<BdryAmt>5000.00</BdryAmt>
Included	<Incl>>false</Incl>
End to Amount	</ToAmt>
End From To Amount	</FrToAmt>
End of Amount	</Amt>
End ImpliedCurrencyandAmount Range	</ImpldCcyAndAmtRg>
End Instructed Amount	</InstdAmt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>202</FINMT>
End of Payment Method	</PmtMtd>
Priority	<Prty>
Priority Code	<Cd>HIGH</Cd>
End Priority	</Prty>
Instruction	<Instr>TFRO</Instr>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>REGP</PrtryPmtTp>
End Payment Type	</PmtTp>
PaymentInstructionRef	<PmtInstrRef>ABC1234</PmtInstrRef>
Additional Reference	<RltdRef>ABCFG6709</RltdRef>

PaymentTransactionParty	<PmtTxPty>
First Agent	<FrstAgt>DEUTDEFFXXX</FrstAgt>
Receivers Correspondent	<InstdAgtCrspdt>DEUTDEFFXXX</InstdAgtCrspdt>
Intermediary	<Intrmy>DRESDEFFXXX</Intrmy>
Final Agent	<FnlAgt>DEUTDEFFXXX</FnlAgt>
Creditor	<Cdtr>DEUTDEFFXXX</Cdtr>
End PaymentTransactionParty	</PmtTxPty>
End PaymentSearch	</PmtSch>
End of SearchCriteria	</SchCrit>
ReturnCriteria	<RtrCrit>
PaymentReturnCriteria	<PmtRtrCrit>
TransactionReferenceIndicator	<TxRefInd>true</TxRefInd>
InstructionStatusReturnCriteria	<InstrStsRtrCrit>
PaymentInstructionStatusIndicator	<PmtInstrStsInd>true</PmtInstrStsInd>
End InstructionStatusReturnCriteria	</InstrStsRtrCrit>
InstructedAmountIndicator	<InstdAmtInd>true</InstdAmtInd>
Credit Debit Indicator	<CdtDbtInd>true</CdtDbtInd>
PriorityIndicator	<PrtyInd>true</PrtyInd>
PaymentTypeIndicator	<PmtTpInd>true</PmtTpInd>
Payment Instruction Reference Indicator	<PmtInstrRefInd>true</PmtInstrRefInd>
Interbank Value Date Indicator	<IntrBkValDtInd>true</IntrBkValDtInd>
Related Reference Indicator	<RltdRefInd>true</RltdRefInd>
PaymentMethod Indicator	<PmtMtdInd>true</PmtMtdInd>
First Agent Indicator	<FrstAgtInd>true</FrstAgtInd>
Instructed Agent Correspondent Indicator	<InstdAgtCrspdtInd>true</InstdAgtCrspdtInd>
IntermediaryIndication	<IntrmyInd>true</IntrmyInd>
FinalAgentIndication	<FnlAgtInd>true</FnlAgtInd>
CreditorIndication	<CdtrInd>true</CdtrInd>
End PaymentReturnCriteria	</PmtRtrCrit>
End of ReturnCriteria	</RtrCrit>
End of NewCriteria	</NewCrit>
End of Transaction query criteria.	</TxCrit>
End of Transaction query definition	</TxQryDef>
End of Messagename for GetTransaction	</GetTx>

GetTransaction_PM_5

Scope: Get Transaction: request for a specific ErrorCode including complete copy of SWIFT-FIN message

Messagename for GetTransaction

Message Identification
Identification
End Message Identification
Transaction query definition
Transaction query criteria.
NewCriteria
SearchCriteria
PaymentSearch
InstructionStatus
PaymentStatusCode
FinalStatus
End PaymentStatusCode
ProprietaryStatusReasonCode
End of InstructionStatusSearch
End PaymentSearch
End of SearchCriteria
ReturnCriteria
PaymentToReturnCriteria
MemberIdentificationIndicator
End PaymentToReturnCriteria
PaymentFromReturnCriteria
MemberIdentificationIndicator
End PaymentFromReturnCriteria
PaymentReturnCriteria
TransactionReferenceIndicator
InstructionStatusReturnCriteria
PaymentInstructionStatusIndicator
End InstructionStatusReturnCriteria
InstructedAmountIndicator
Credit Debit Indicator
PriorityIndicator
ProcessingValidityTimeIndicator
InstructionCopyIndicator
Interbank Value Date Indicator
PaymentMethod Indicator
End PaymentReturnCriteria
End of ReturnCriteria
End of NewCriteria
End of Transaction query criteria.
End of Transaction query definition

End of Messagename for GetTransaction

<GetTx>

<MsgId>
| <Id>ABC123</Id>
</MsgId>
<TxQryDef>
| <TxCrit>
| | <NewCrit>
| | | <SchCrit>
| | | | <PmtSch>
| | | | | <InstrSts>
| | | | | <PmtInstrSts>
| | | | | <FnlSts>RJTD</FnlSts>
| | | | | </PmtInstrSts>
| | | | | <PrtryStsRsn>F08</PrtryStsRsn>
| | | | </InstrSts>
| | | </PmtSch>
| | </SchCrit>
| | <RtrCrit>
| | | <PmtToRtrCrit>
| | | | <MmbldInd>true</MmbldInd>
| | | | </PmtToRtrCrit>
| | | | <PmtFrRtrCrit>
| | | | | <MmbldInd>true</MmbldInd>
| | | | | </PmtFrRtrCrit>
| | | | <PmtRtrCrit>
| | | | <TxRefInd>true</TxRefInd>
| | | | <InstrStsRtrCrit>
| | | | | <PmtInstrStsInd>true</PmtInstrStsInd>
| | | | | </InstrStsRtrCrit>
| | | | | <InstdAmtInd>true</InstdAmtInd>
| | | | | <CdtDbtInd>true</CdtDbtInd>
| | | | | <PrtyInd>true</PrtyInd>
| | | | | <PrcgVldtyTmInd>true</PrcgVldtyTmInd>
| | | | | <InstrCpyInd>true</InstrCpyInd>
| | | | | <IntrBkValDtInd>true</IntrBkValDtInd>
| | | | | <PmtMtdInd>true</PmtMtdInd>
| | | | </PmtRtrCrit>
| | | </RtrCrit>
| | </NewCrit>
| </TxCrit>
</TxQryDef>

</GetTx>

6. 4.14 LiquidityCreditTransfer

Cash Management Standard

LiquidityCreditTransfer_PM

Scope: The LiquidityCreditTransfer message is used to transfer funds between

- two accounts belonging to the same participant from
 - RTGS account to HAM account.
 - RTGS account to PHA account (if CB supports the interface).
 - RTGS account to sub-account
 - sub-account to RTGS account.
- two accounts belonging to a group of accounts ("virtual account" or "consolidated information").

The LiquidityCreditTransfer message can be sent by the application of the

- direct PM participant in case of transfers between two accounts belonging to the same participant.
- group of accounts manager in case of two accounts belonging to a group of accounts.

The LiquidityCreditTransfer message is replied by a Receipt message.

Non-Repudiation of Emission (NRE) is supported.

<camt.050.001.xx>

Structure:

Message name for LiquidityCreditTransfer

Message Identification
Identification
End Message Identification
Account Identification Credit
Identification
Simple Identification Information
Identification
End of simple Identification Information
End Identification
Proprietary Data type
End of Account Identification Credit
Amount
Amount without currency
End of Transferred Amount
Account Identification Debit
Identification
Simple Identification Information
Identification
End of simple Identification Information
End Identification
Proprietary Data type
End of Account Identification Debit
End message name LiquidityCreditTransfer

<LqdyCdtTfr>

<MsgId>
| <Id>ABC12345</Id>
|</MsgId>
|<CdtAcct>
| <Id>
| | <DmstAcct>
| | <Id>BE67123456789122345678</Id>
| |</DmstAcct>
|</Id>
| <Tp>SACC</Tp>
|</CdtAcct>
|<TrfdAmt>
| <AmtWthtCcy>123456.12</AmtWthtCcy>
|</TrfdAmt>
|<DbtAcct>
| <Id>
| | <DmstAcct>
| | <Id>BE67123456789122345620</Id>
| |</DmstAcct>
|</Id>
| <Tp>SACC</Tp>
|</DbtAcct>
</LqdyCdtTfr>

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Attributes:

name of attribute	format	short description	description
<LqdtCdtTfr>		Message name for LiquidityCreditTransfer Mandatory A2A	Message name for LiquidityCreditTransfer Validation: [1..1]
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1] In case of LiquidityTransfer for AS, the length must be limited to 16x and the contents must comply with the FIN set characters without slashes. ***** The format differs from the cash management standard only of FIN character set without slash is used (see schema)
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
<CdtAcct>		Account Identification Credit Optional A2A	Account Details Account credited as a result of a credit entry. The PHA/HAM account number can be derived from the message ReturnRTGSAccount_SD, tag <AcctLqdtRmvDaylight> Validation: [0..1]
<Id>		Identification Mandatory A2A	Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory A2A	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held. Validation: [1..1] in PM only <DmstAcct><Id> is allowed
<Id>-</Id>	34x	Identification Mandatory A2A	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. Validation: [1..1] credited account - account number of the home accounting module, proprietary home accounting, sub-account or on behalf of a third party, the main account, when not stated the main account of the participant is

name of attribute	format	short description	description
used			
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation:
		A2A	[1..1]
</Id>		End Identification	End Identification
		Mandatory	Validation:
		A2A	[1..1]
<Tp>-</Tp>		Proprietary Data type	CashAccountTypeCode
			<p>CACC = Current Account used to post debits and credits when no specific account has been nominated.</p> <p>CASH = CashPayment Account used for the payment of cash.</p> <p>CHAR = Charges Account used for charges if different from the account for payment.</p> <p>CISH = CashIncome Account used for payment of income if different from the current cash account.</p> <p>COMM = Commission Account used for commission if different from the account for payment.</p> <p>MGLD = MarginalLending Account used for a marginal lending facility.</p> <p>ONDP = OverNightDeposit Account used for overnight deposits.</p> <p>SACC = Settlement Account used to post debit and credit entries, as a result of transactions cleared and settled through a specific clearing and settlement system.</p> <p>SVGS = Savings Account used for savings.</p> <p>TAXE = Tax Account used for taxes if different from the account for payment.</p> <p>TRAS = CashTrading Account used for trading if different from the current cash account</p> <p>Type of the account to be credited CACC = account in HAM or PHA or SACC (RTGS account).</p>
		Mandatory	Validation:
		A2A	[1..1] in PM only SACC = PM and CACC = HomeAccount are used
</CdtAcct>		End of Account Identification Credit	
		Optional	Validation:
		A2A	[0..1]
<TrfdAmt>		Amount	The amount may be defined with or without the currency. <AmtWthCcy> CurrencyAndAmount <AmtWthtCcy> ImpliedCurrencyAndAmount
		Mandatory	Validation:
		A2A	[1..1] in PM only <AmtWthtCcy> is used. field must be followed by <FrToAcct>

name of attribute	format	short description	description
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context. totalDigits = 18 fractionDigits = 5 represents F32_AMOUNT Validation: [1..1] in PM only 2 fraction digits are possible value restriction: maximum value 999.999.999.999,99 0,00 value is not allowed
</TrfdAmt>		End of Transferred Amount Mandatory A2A	Validation: [1..1]
<DbtAcct>		Account Identification Debit Optional A2A	AccountIdentificationDetail Account to or from which a cash entry is made. Validation: [0..1]
<Id>		Identification Mandatory A2A	Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory A2A	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held. Validation: [1..1] in PM only <DmstAcct><Id> is allowed
<Id>-</Id>	34x	Identification Mandatory A2A	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. Validation: [1..1] debited account - account number of the sub-account or on behalf of a third party, the main account, when not stated the main account of the participant is used
</DmstAcct>		End of simple Identification Information Mandatory A2A	Validation: [1..1]
</Id>		End Identification Mandatory A2A	End Identification Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	CashAccountTypeCode CACC = Current Account used to post debits and credits when no specific account has been nominated. CASH = CashPayment Account used for the payment of cash.

name of attribute	format	short description	description	
			CHAR = Charges Account used for charges if different from the account for payment.	
			CISH = CashIncome Account used for payment of income if different from the current cash account.	
			COMM = Commission Account used for commission if different from the account for payment.	
			MGLD = MarginalLending Account used for a marginal lending facility.	
			ONDP = OverNightDeposit Account used for overnight deposits.	
			SACC = Settlement Account used to post debit and credit entries, as a result of transactions cleared and settled through a specific clearing and settlement system.	
			SVGS = Savings Account used for savings.	
			TAXE = Tax Account used for taxes if different from the account for payment.	
			TRAS = CashTrading Account used for trading if different from the current cash account	
			Type of the account to be dedited CACC = account in HAM or PHA or SACC (RTGS account).	
		Mandatory	Validation:	
		A2A	[1..1] in PM only SACC = PM and CACC = HomeAccount are used	
<hr/>				
</DbtAcct>		End of Account Identification Debit		
		Optional	Validation:	
		A2A	[0..1]	
<hr/>				
</LqdyCdtTfr>		End message name LiquidityCreditTransfer	End message name LiquidityCreditTransfer	
		Mandatory	Validation:	
		A2A	[1..1]	

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiation processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required. Remark: checked by ICM / Receipt
4	X53	-	-	1412	Error Text: Credit account does not belong to the debtor Validation: CdtAcct/Id/DmstAcct/Id (profile credit institution) value must indicate either a HAM account, PHA account or sub-account that belongs to debtor Remark: checked by ICM / Receipt
5	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: DbtAcct/Id/DmstAcct/Id (profile credit institution) value must indicate a sub-account that belongs to the CI itself or to a participant the CI is entitled to act on behalf of Remark: checked by ICM / Receipt
6	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: CdtAcct/Id/DmstAcct/Id (profile group of accounts manager) value must indicate an account that belongs to a member of the group of accounts the participant is the manager of Remark: checked by ICM / Receipt
7	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: DbtAcct/Id/DmstAcct/Id (profile group of accounts manager) value must indicate an account that belongs to a member of the group of accounts the participant is the manager of Remark: checked by ICM / Receipt
8	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: DbtAcct/Id/DmstAcct/Id (profile central bank) value must indicate either a sub-account or a main-account that belongs to the CB itself or to a participant the CB is responsible for Remark: checked by ICM / Receipt
9	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: CdtAcct/Id/DmstAcct/Id (profile central bank) value must indicate either a HAM account, PHA account, sub-account or main-account that belongs to the CI itself or to a participant the CI is entitled to act on behalf of Remark: checked by ICM / Receipt
10	P59	-	-	P059	Error Text: Either credit account or debited account must be present

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Validation: Rule: either credit account or debited account must be present when CdtAcct/Id/DmstAcct/Id is not present then DbtAcct/Id/DmstAcct/Id must be stated and vice versa Remark: checked by ICM / Receipt
11	P56	-	-	P056	Error Text: Invalid credited account Validation: credited account must indicate an account of an SSP participant (TARGET2 Directory) Remark: checked by ICM / Receipt
12	P57	-	-	P057	Error Text: Invalid debited account Validation: debited account must indicate an account of an SSP participant (TARGET2 Directory) Remark: checked by ICM / Receipt
13	X52			1410	Error Text: Debit and credit account don't belong to the same Group of accounts Validation: Debit and credit account have to belong to the same virtual account Remark: checked by ICM / Receipt
14	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: checked by PM / TaskQueue
15	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Request before cut-off time Remark: checked by PM / TaskQueue
16	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: checked by PM / TaskQueue
17	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / TaskQueue
18	P65	-	-	P065	Error Text: Sub-account not known in PM or not connected with AS Validation: AS of the affected sub-account is not available (validation for LiquidityCreditTransfer from or to sub-accounts) Remark: TaskQueue
19	P65	-	-	P065	Error Text: Sub-account not known in PM or not connected with AS Validation: sub-account (credited or debited) has to be valid Remark: checked by / PMTaskQueue
20	P66	-	-	P066	Error Text: The order was rejected because it was received after an end of procedure message (out of the procedure time frame). Validation: In case of transfers from/to Sub Accounts: If the order was received after an end of procedure message (out of the procedure time frame), the order will be rejected. Remark: TaskQueue / checked by PM
21	P67	L6	-	P067	Error Text: Liquidity on the debited account is not sufficient

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Validation: Liquidity control
Remark: TaskQueue / checked by PM

22	P68	-	-	P068	Error Text: There is a highly urgent payment in the queue Validation: FIFO principle Remark: TaskQueue / checked by PM
23	P36			P236	Error Text: Procedure already closed Validation: if sub-account of an AS is affected, the procedure has to be open Remark: TaskQueue
24	P54	-	-	P054	Error Text: Sub-account doesn't belong to the RTGS account Validation: Liquidity-Transfer from main account to own sub account: sub-account belongs to the debtor Remark: TaskQueue
25	P54	-	-	P054	Error Text: Sub-account doesn't belong to the RTGS account Validation: Liquidity-Transfer from own sub account to main account : sub-account belongs to the creditor Remark: TaskQueue
26	P42			P212	Error Text: Reference limited to 16 alphanumerical characters Validation: If the sub-account of an AS is affected, the length of message identification is limited to 16x Remark:
27	853	B3	XI13	2853	Error Text: Unexpected data Validation: If the sub-account of an AS is affected, the Type of the AccountType must be "SACC" Remark:
28	705			2705	Error Text: The address for liquidity removal is missing Validation: The address for liquidity removal must be available Remark: TaskQueue
29	A55			A055	Error Text: Requested time for end of settlement period is not possible in the past Validation: In case of transfers from/to Sub Accounts: If the order was received after an end of procedure message (out of the procedure time frame), the order will be rejected. Remark: TaskQueue

LiquidityCreditTransfer_PM_1

Scope: Liquidity Transfer from RTGS main account to sub-account. LiquidityTransfer send by the account owner

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Identification

<Id>PM1234567890-00</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Proprietary Data type

<Tp>SACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>123456.12</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

M

LiquidityCreditTransfer_PM_2

Scope: Liquidity Transfer from sub-account to RTGS main account. LiquidityTransfer send by the account owner

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification

<MsgId>

Identification

<Id>ABC1234</Id>

End Message Identification

</MsgId>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>123456.12</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Account Identification Debit

<DbtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Identification

<Id>PM1234567890-00</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Proprietary Data type

<Tp>SACC</Tp>

End of Account Identification Debit

</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

M

LiquidityCreditTransfer_PM_3

Scope: Liquidity Transfer from RTGS main account to home account. LiquidityTransfer send by the account owner

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

M

Message Identification

<MsgId>

Identification

<Id>ABC1234</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Identification

<Id>HAM1234567890</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Proprietary Data type

<Tp>CACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>123456.12</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

LiquidityCreditTransfer_PM_4

Scope: Liquidity Transfer from RTGS main account to sub-account. LiquidityTransfer send by third party: Sender of the message is not the Account Owner.

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification	<MsgId>
Identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1234567890-00</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Proprietary Data type	<Tp>SACC</Tp>
End of Account Identification Credit	</CdtAcct>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>123456.12</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Account Identification Debit	<DbtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1234567890</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Proprietary Data type	<Tp>SACC</Tp>
End of Account Identification Debit	</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

M

LiquidityCreditTransfer_PM_5

Scope: Liquidity Transfer from sub-account to RTGS main account. LiquidityTransfer send by third party: Sender of the message and Account Owner are different.

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification

<MsgId>

Identification

<Id>ABC123456</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Identification

<Id>PM1234567890</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Proprietary Data type

<Tp>SACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>123456.12</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Account Identification Debit

<DbtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Identification

<Id>PM1234567890-00</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Proprietary Data type

<Tp>SACC</Tp>

End of Account Identification Debit

</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

M

LiquidityCreditTransfer_PM_6

Scope: Liquidity Transfer from RTGS main account to home-account. LiquidityTransfer send by third party: Sender of the message is not the Account Owner.

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification	<MsgId>
Identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>HAM1234567890</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Proprietary Data type	<Tp>CACC</Tp>
End of Account Identification Credit	</CdtAcct>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>123456.12</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Account Identification Debit	<DbtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1234567890</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Proprietary Data type	<Tp>SACC</Tp>
End of Account Identification Debit	</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

M

6. 4.15 ModifyCreditLine (for CBs only)

SSP Proprietary Messages

ModifyCreditLine_PM

M

Scope: The ModifyCreditLine message is used to define or modify the credit line available at the RTGS account.

The ModifyCreditLine can be sent by the application of the home central bank (CB) of the account holding direct PM participant.

The ModifyCreditLine message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.998.001.xx>

Structure:

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>ABC123</Ref>

End Message Identification

</MsgId>

Proprietary Data

<PrtryData>

M

Proprietary Data type

<Tp>ModifyCreditLine</Tp>

SSP Proprietary Data

<SspPrtryDt>

Credit Line Identification

<CrdtLnId>

Account Owner

<AcctOwnr>DRESDEFFXXX</AcctOwnr>

End Credit Line Id

</CrdtLnId>

New credit line details

<NewCrdtLnValSet>

Amount without currency

<AmtWthtCcy>1000000.00</AmtWthtCcy>

End New credit line details

</NewCrdtLnValSet>

End of SSP Proprietary Data

</SspPrtryDt>

End of Proprietary Data

</PrtryData>

M

End proprietary message

</PrtryMsg>

M

Attributes:

name of attribute	format	short description	description
<PrtryMsg>		Name Proprietary message Mandatory A2A	Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Message Reference Validation: [1..1]
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
<PrtryData>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank

name of attribute	format	short description	description
			ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only ModifyCreditLine is possible
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
<CrdtLnId>		Credit Line Identification	Credit Line Identification
			free format tag
		Mandatory	Validation:
		A2A	[1..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier
			e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.
			BIC of the RTGS account which will be modified
		Mandatory	Validation:
		A2A	[1..1]
</CrdtLnId>		End Credit Line Id	End Credit Line Id
			free format tag
		Mandatory	Validation:
		A2A	[1..1]
<NewCrdtLnValSet>		New credit line details	New credit line details
			New credit line values.
		Mandatory	Validation:
		A2A	[1..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context. The integer part of Amount must contain at least one digit. The decimal separator is a dot '.'. It is not mandatory but included in the maximum length. The number of digits following the dot must not exceed the maximum number allowed for that specific currency as specified in ISO 4217.

name of attribute	format	short description	description
		Mandatory	New credit Line (EUR)
	A2A		Validation: [1..1] in PM there are 2 fraction digits possible value restriction: maximum value 999.999.999.999,99
</NewCrdtLnValSet>		End New credit line details	End New credit line details New credit line values.
		Mandatory	Validation:
	A2A		[1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation:
	A2A		[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
	A2A		[1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:
	A2A		

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: message is allowed for central bank only. RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
4	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr value must indicate a participant the CB is responsible for Remark: checked by ICM / Receipt
5	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: AcctOwnr value must indicate a SSP participant Remark: checked by ICM / Receipt
6	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: Task Queue
7	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / TaskQueue
8	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: TaskQueue
9	703			2708	Error Text: Negative amounts are not allowed Validation: Amount must be positive Remark: TaskQueue

ModifyCreditLine_PM_1

Scope: Modify CreditLine, NCB modify new credit line for RTGS account

Name Proprietary message	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>ABc123</Ref>	
End Message Identification	</MsgId>	
Proprietary Data	<PrtryData>	M
Proprietary Data type	<Tp>ModifyCreditLine</Tp>	
SSP Proprietary Data	<SspPrtryDt>	
Credit Line Identification	<CrdtLnId>	
Account Owner	<AcctOwnr>DRESDEFFXXX</AcctOwnr>	
End Credit Line Id	</CrdtLnId>	
New credit line details	<NewCrdtLnValSet>	
Amount without currency	<AmtWthtCcy>9000000.00</AmtWthtCcy>	
End New credit line details	</NewCrdtLnValSet>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

6. 4.16 ModifyLimit

Cash Management Standard

ModifyLimit _PM

M

Scope: The ModifyLimit message sent to PM is used to

- modify one or several current bilateral limits
- modify all current bilateral limits
- modify the current multilateral limit

The value 0,00 is possible for deletion of limits furthermore all bilateral limits can be deleted by sending a single request. When the last bilateral limit is deleted the multilateral limit is deleted automatically. (There will be no task for an automatic deletion!)

The ModifyLimit message can be sent by the application of a direct PM participant or the application of a group of accounts manager "virtual account" (definition and change of limits possible for the whole group only, not for the single account holder).

If a participant is a member of a group of accounts (VA) , the limit can only be defined against the whole group. Therefore limits that are defined against an account group have to be defined against the account owner (BIC) of the group of accounts manager.

The ModifyLimit message is replied by a Receipt message. The Receipt can contain multiple ReceiptDetails - one per affected limit. In case a remarkable number of limits shall be modified by sending only one request it may happen that a time-out message is returned. Then the customer application needs to send a GetPendingData request to get the Receipt with the list of task queue references.

To check the status of limit modifications a GetTask can be sent to PM. The ReturnTask provides one ModifyLimit message per task (for each modified limit) and its task status. It cannot be returned the original message the customer used.

Non-Repudiation of Emission (NRE) is supported.

<camt.011.001.xx>

Structure:

Message name for ModifyLimit

<ModifyLmt>

M

Message Identification

<MsgId>

Identification

<Id>ABC12356</Id>

End Message Identification

</MsgId>

LimitDetails

<LmtDtls>

M

choice amongst

xorCurLmtIdAllCurLmts

A

Limit Identification Details

<CurLmtId>

BilateralLimitCounterpartyId

<BilLmtCtrPtyId>

BIC

<BIC>DEUTDEFFXXX</BIC>

End of BilateralLimitCounterpartyId

</BilLmtCtrPtyId>

Limit Type Code

<Tp>MULT</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

M

End Limit Identification Details

</CurLmtId>

Identification of the current limit.

<AllCurLmts>

A

Limit Type Code

<Tp>BILI</Tp>

A

Account Owner

<AcctOwnr>DRESEFFXXX</AcctOwnr>

A

End of Identification of the current limit.

</AllCurLmts>

A

End choice amongst

/xorCurLmtIdAllCurLmts

A

NewLimitValueSet

<NewLmtValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>80000000.00</AmtWthtCcy>

M

End of Amount

</Amt>

End of NewLimitValueSet

</NewLmtValSet>

End Limit details structure

</LmtDtls>

M

End of Message name for ModifyLimit

</ModifyLmt>

M

Attributes:

name of attribute	format	short description	description	
<ModifyLmt>		Messagename for ModifyLimit Mandatory A2A	Messagename for ModifyLimit Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
<LmtDtls>		LimitDetails Mandatory A2A	Identification of the details of one particular limit. Every occurrence is at least one separate task. The Receipt provides a reference to every task. Validation: [1..n]	M
xorCurLmtIdAllCurLmts		choice amongst Mandatory A2A	Validation:	A
<CurLmtId>		Limit Identification Details Mandatory A2A	Identification of the liquidity management current limit. CurrentLimitIdentification Validation: [1..1]	
<BilLmtCtrPtyId>		BilateralLimitCounterpartyId Optional A2A	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system. Validation: [0..1] Counterpart is filled in the case of an asked Bilateral Limit.	
<BIC>-</BIC>	11x	BIC Mandatory A2A	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. Validation: [1..1]	

name of attribute	format	short description	description
</BilLmtCtrPtyId>		End of BilateralLimitCounterpartyId Optional A2A	End ofBilateralLimitCounterpartyIdentification Validation: [0..1]
<Tp>-</Tp>		Limit Type Code	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to ist indirect participant. The limit represents the maximum amount the indirect participant can use to settle ist operations.</p> <p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p> <p>for current Limit</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] In SSP only BILI and MULT are allowed.</p>
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	<p>BICIdentifier</p> <p>e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.</p> <p>BIC of the RTGS main account / in case of group of accounts BIC of GoA manager</p> <p>Optional</p> <p>A2A</p> <p>Validation: [0..1] In the case of "on behalf" scenario (sending party not Account Owner) mandatory. When not stated the BIC of the participant is used. Usage of AccountOwner is only allowed once per request.</p>
</CurLmtId>		End Limit Identification Details Mandatory A2A	<p>End current Limit Identification Details</p> <p>Validation: [1..1]</p>
<AllCurLmts>		Identification of the current limit.	<p>If <Tp> is filled with BILI then for every bilateral counterpart a separate task is generated and a list of all task references is provided in the Receipt.</p>

name of attribute	format	short description	description	
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Limit Type Code	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to ist indirect participant. The limit represents the maximum amount the indirect participant can use to settle ist operations.</p> <p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p>	A
		Mandatory	Validation:	
		A2A	[1..1] In SSP only BILI and MULT are allowed.	
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier	A
		Optional	<p>e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.</p> <p>BIC of the RTGS main account / in case of group of accounts BIC of GoA manager</p>	
		A2A	Validation:	
			[0..1] In the case of "on behalf" scenario (sending party not Account Owner) mandatory. When not stated the BIC of the participant is used. Usage of AccountOwner is only allowed once per request.	
</AllCurLmts>		End of Identification of the current limit.		A
		Mandatory	Validation:	
		A2A	[1..1]	
/xorCurLmtIdAllCurLmts		End choice amongst		A
		Mandatory	Validation:	
		A2A		
<NewLmtValSet>		NewLimitValueSet	New limit values.	

name of attribute	format	short description	description	
			Maximum value used for risk containment in a system or towards counterparts. The limit may be a current limit or a default limit.	
		Mandatory	Validation:	
		A2A	[1..1]	
<Amt>		Amount		
		Mandatory	Validation:	
		A2A	[1..1]	
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context.	M
			totalDigits = 18	
			fractionDigits = 5	
			New current multilateral limit or new current bilateral limit. Value "0" can be used to delete the specified current limit(s).	
		Mandatory	Validation:	
		A2A	[1..1] In PM only 2 fraction digits are possible. Value restriction: maximum value 999.999.999.999,99. Limit value must be 1 million or more. The value 0,00 is possible for deletion of limits	
</Amt>		End of Amount	End of Amount	
		Mandatory	Validation:	
		A2A	[1..1]	
</NewLmtValSet>		End of NewLimitValueSet	End of NewLimitValueSet	
		Mandatory	Validation:	
		A2A	[1..1]	
</LmtDtIs>		End Limit details structure		M
		Mandatory	Validation:	
		A2A	[1..n]	
</ModifyLmt>		End of Messagename for ModifyLimit		M
		Mandatory	Validation:	
		A2A		

Error Codes:

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
Error Text:						D
Validation:						
Remark:						
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)	
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt	
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt	
4	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: CurLmtId/AcctOwnr (profile group of accounts manager) value must indicate a member of the group of accounts the participant is the manager of Remark: checked by ICM / Receipt	
5	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: CurLmtId/AcctOwnr (profile credit institution) value must indicate the credit institution itself or a participant who the credit institution is entitled to act on behalf of Remark: checked by ICM / Receipt	
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: CurLmtId/AcctOwnr (profile central bank) value must indicate the central bank itself or a participant the central bank is responsible for Remark: checked by ICM / Receipt	
7	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: CurLmtId/AcctOwnr value must indicate a SSP participant, BIC of the RTGS account which will be modified, has to be valid Remark: checked by ICM / Receipt	
8	P12	-	-	P012	Error Text: Modification, setting or deletion of limits not possible Validation: BilLmtCtrPtyId/BIC value must not indicate the participant itself (self-addressed bilateral limit is not allowed) Remark: checked by ICM / Receipt	
9	P51	-	-	P051	Error Text: BIC Bilateral Counterpart does not exist Validation: BilLmtCtrPtyId/BIC value must indicate a SSP participant Remark: checked by ICM / Receipt	
10	X48	-	-	1408	Error Text: Interaction only possible for the virtual account manager	

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
					Validation:	change of limits for group of accounts is only possible by "Virtual account" manager
					Remark:	checked by ICM / Receipt
11	894	-	-	2894	Error Text:	Function is not allowed in the current business day phase
					Validation:	SSP is open
					Remark:	TaskQueue
12	862	C2	TM01	2862	Error Text:	Request out of cut-off time
					Validation:	Possibility to use this function during the current phase of business day.
					Remark:	checked by PM / TaskQueue
13	866	C6	AC06	2866	Error Text:	Exclusion of participant
					Validation:	If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed
					Remark:	TaskQueue
14	P12	-	-	P012	Error Text:	Modification, setting or deletion of limits not possible
					Validation:	bilateral limit against accounts without non-liability of cover is not allowed
					Remark:	TaskQueue
15	P15	-	-	P015	Error Text:	No bilateral limit defined for Counter Party
					Validation:	it's not allowed to define a bilateral limit for the current day, if no bilateral limit exists
					Remark:	TaskQueue
16	P14	-	-	P014	Error Text:	No Limit found
					Validation:	it's not allowed to define a multilateral limit for the current day, if no multilateral limit exists
					Remark:	TaskQueue
17	P77	-	-	P107	Error Text:	Limit value must be 1 million or more. The value 0,00 is possible for deletion of limits.
					Validation:	New Current Bilateral Limit (EUR): minimum value is 1,000,000.00 EUR. The value 0,00 is possible for deletion of limits.
					Remark:	TaskQueue
18	P77	-	-	P107	Error Text:	Limit value must be 1 million or more. The value 0,00 is possible for deletion of limits.
					Validation:	New Current Multilateral Limit (EUR)/New Current Bilateral Limit (EUR): minimum value is 1,000,000.00 EUR. The value 0,00 is possible for deletion of limits.
					Remark:	TaskQueue
19	P30	-	-	P030	Error Text:	Only one occurrence of the element <AcctOwnr> per message is allowed. A
					Validation:	If element <AcctOwnr> is used it may only occur once.
					Remark:	checked by ICM / Receipt
20	P31	-	-	P031	Error Text:	The modification or removal of a multilateral limit is allowed only once per message. A
					Validation:	The modification or removal of a multilateral limit may be requested only once per request. If type "MULT" occurs more than once an error message will be returned.
					Remark:	checked by ICM / Receipt
21	P32	-	-	P032	Error Text:	The same counterpart-BIC is only allowed not more than once per message. A

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Validation: For the modification of several bilateral limits: The same counterpart-BIC is only allowed not more than once to have a unique reference within the Receipt message. Remark: checked by ICM / Receipt
22	P33	-	-	P033	Error Text: Invalid use of <AllCurLmts> or <AllDfltLmts>. Validation: If <AllCurLmts> is used in a request, <LmtDtls> should occur at most twice. - Repetition only allowed if different limit types ("BILI" + "MULT") are filled in. Remark: checked by ICM / Receipt
23	P33	-	-	P033	Error Text: Invalid use of <AllCurLmts> or <AllDfltLmts>. Validation: It is not allowed to set a new value unequal to zero for multilateral limit if the modification of all bilateral limits to zero is requested in the same message. Remark: checked by ICM / Receipt
24	P33	-	-	P033	Error Text: Invalid use of <AllCurLmts> or <AllDfltLmts>. Validation: Modification of single limits in combination with 'All' is forbidden. (<CurLmtld> and <AllCurLmts> should never be found together in one request.) Remark: checked by ICM / Receipt

ModifyLimit _PM_1

Scope: Modify Limit, modification of a current multilateral Limit on behalf of third party (Account Owner and Sender of the message are different)

MessageName for ModifyLimit

Message Identification

Identification

End Message Identification

LimitDetails

Limit Identification Details

Limit Type Code

Account Owner

End Limit Identification Details

NewLimitValueSet

Amount

Amount without currency

End of Amount

End of NewLimitValueSet

End Limit details structure

End of MessageName for ModifyLimit

<ModifyLmt>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</Id>

</MsgId>

<LmtDtls>

<CurLmtId>

<Tp>MULT</Tp>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</CurLmtId>

<NewLmtValSet>

<Amt>

<AmtWthtCcy>80000000.00</AmtWthtCcy>

</Amt>

</NewLmtValSet>

</LmtDtls>

</ModifyLmt>

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ModifyLimit _PM_2

Scope: Modify Limit: change current bilateral limit against counterpart

Messagename for ModifyLimit

Message Identification

Identification

End Message Identification

LimitDetails

Limit Identification Details

BilateralLimitCounterpartyId

BIC

End of BilateralLimitCounterpartyId

Limit Type Code

End Limit Identification Details

NewLimitValueSet

Amount

Amount without currency

End of Amount

End of NewLimitValueSet

End Limit details structure

End of Messagename for ModifyLimit

<ModfyLmt>

<MsgId>

| <Id>ABC1234</Id>

</MsgId>

<LmtDtls>

| <CurLmtId>

| | <BilLmtCtrPtyId>

| | | <BIC>DEUTDEFF</BIC>

| | </BilLmtCtrPtyId>

| | <Tp>BILI</Tp>

| </CurLmtId>

<NewLmtValSet>

| <Amt>

| | <AmtWthtCcy>5000000.00</AmtWthtCcy>

| </Amt>

</NewLmtValSet>

</LmtDtls>

</ModfyLmt>

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ModifyLimit _PM_3

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Scope: Modify Limit, modification of all current bilateral Limit on behalf of third party (Account Owner and Sender of the message are different).

Messagename for ModifyLimit	<ModfyLmt>
Message Identification	<MsgId>
Identification	<Id>ABCDEFGHIJKL01234567890abcdefghijkl</Id>
End Message Identification	</MsgId>
LimitDetails	<LmtDtls>
Identification of the current limit.	<AllCurLmts>
Limit Type Code	<Tp>BILI</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Identification of the current limit.	</AllCurLmts>
NewLimitValueSet	<NewLmtValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>10000000.00</AmtWthtCcy>
End of Amount	</Amt>
End of NewLimitValueSet	</NewLmtValSet>
End Limit details structure	</LmtDtls>
End of Messagename for ModifyLimit	</ModfyLmt>

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6. 4.17 ModifyReservation

Cash Management Standard

ModifyReservation_PM

Scope: The ModifyReservation message is used to

- define a current reservation (highly urgent or urgent) which becomes effective immediately
- modify the current reservation (highly urgent or urgent) which becomes effective immediately

The ModifyReservation message can be sent by the application of a direct PM participant or the application of a group of accounts manager ("virtual account" reservation of liquidity possible for the whole group only, not for the single account holder).

If a participant is a member of an account group, the limit can only be defined against the whole group. Therefore reservation that are defined against an account group have to be defined against the account owner (BIC) of the leading account of the group.

The ModifyReservation message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.048.001.xx>

Structure:

Messsge name for ModifyReservation

<ModifyRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABCDabcd1234</Id>

End Message Identification

</MsgId>

CurrentReservationId

<CurRsvatnId>

ReservationTypeCode

<Tp>HPAR</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of CurrentReservationId

</CurRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>500.00</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModifyRsvatn>

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Attributes:

name of attribute	format	short description	description
<ModifyRsvatn>		Messsge name for ModifyReservation Mandatory A2A	Messsge name for ModifyReservation Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]
<CurRsvatnId>		CurrentReservationId Mandatory A2A	CurrentReservationIdentification Validation: [1..1]
<Tp>-</Tp>		ReservationTypeCode	ReservationTypeCode CARE = CashReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing cash withdrawals. UPAR = UrgentPaymentReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing urgent payments. HPAR = HighlyUrgentPayment reservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing highly urgent payments. NSSR = NetSSSRReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for the settlement of the multilateral cash balance stemming from the Net Security Settlement System. THRE = Threshold for investment Amount above which funds will be destined for investment
<AcctOwnr>-</AcctOwnr>	11x	Account Owner Mandatory A2A	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. in case of group of accounts BIC of the leading account of the group Validation:
		Optional	Validation:

name of attribute	format	short description	description
		A2A	[0..1] mandatory when BIC RTGS main account is used on behalf of third parties, when not stated the BIC of the participant is used
</CurRsvatnId>		End of CurrentReservationId Mandatory A2A	End of CurrentReservationIdentification Validation: [1..1]
<NewRsvatnValSet>		NewReservationValueSet Mandatory A2A	NewReservationValueSet Validation: [1..1] new total amount for the reservation
<Amt>		Amount Mandatory A2A	 Validation: [1..1]
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency Mandatory A2A	Amount in EUR Validation: [1..1] in PM only 2 fraction digits are possible value restriction: maximum value 999.999.999.999,99
</Amt>		End of Amount Mandatory A2A	 Validation: [1..1]
</NewRsvatnValSet>		End of NewReservationValueSet Mandatory A2A	End of NewReservationValueSet Validation: [1..1]
</ModifyRsvatn>		End of messsge name for ModifyReservation Mandatory A2A	End of messsge name for ModifyReservation Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
4	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: CurRsvatnId/AcctOwnr (profile group of accounts manager) value must indicate the group of accounts manager Remark: checked by ICM / Receipt
5	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: CurRsvatnId/AcctOwnr (profile credit institution) value must indicate the credit institution itself or a participant who the credit institution is entitled to act on behalf of Remark: checked by ICM / Receipt
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: CurRsvatnId/AcctOwnr (profile central bank) value must indicate the central bank itself or a participant the central bank is responsible for Remark: checked by ICM / Receipt
7	X48	-	-	1408	Error Text: Interaction only possible for the virtual account manager Validation: Reservation of liquidity only possible for the Virtual account manager, for single account holders not possible Remark: checked by ICM / Receipt
8	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: CurLmtId/AcctOwnr value must indicate a SSP participant (BIC of the RTGS account which will be modified, has to be valid) Remark: checked by ICM / Receipt
9	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: TaskQueue
10	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: TaskQueue
11	862	C2	TM01	2862	Error Text: Request out of cut-off time

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / TaskQueue
12	P61	-	-	P061	Error Text: For accounts without non-liability of cover, this function is not allowed Validation: For accounts without non-liability of cover, liquidity reservation are not allowed Remark: TaskQueue

ModifyReservation_PM_1

Scope: Modify current reservation for highly urgent payments. Sending party and BIC SSP Participapnt are identic.

Messsge name for ModifyReservation

<ModfyRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

CurrentReservationId

<CurRsvatnId>

ReservationTypeCode

<Tp>HPAR</Tp>

End of CurrentReservationId

</CurRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>1000000.00</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModfyRsvatn>

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ModifyReservation_PM_2

Scope: Modify current reservation for urgent payments. Behalf of scenario, Sending party and BIC SSP-Participant (AccountOwner) are different.

Messsge name for ModifyReservation

<ModifyRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

CurrentReservationId

<CurRsvatnId>

ReservationTypeCode

<Tp>UPAR</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of CurrentReservationId

</CurRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>50000000.00</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModifyRsvatn>

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6. 4.18 ModifySequence

SSP Proprietary Messages

ModifySequence_PM

Scope: The ModifySequence message is used to

- define or modify the sequence of accounts which will be used to fund the position for levelling out.

The group of accounts manager chooses the sequence of the accounts how they are used to fund debit balances on single accounts. There exist no level out sequence for sub accounts - they are balanced together with the corresponding RTGS account.

The ModifySequence message can be sent by the application of a

- group of accounts manager
- CB acting on behalf of a group of accounts manager

ModifySequence message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

sequence identification

Account Owner

End sequence identification

New sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End new sequence details

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>ModifySequence</Tp>

<SspPrtryDt>

<SqncId>

<AcctOwnr>DEUTDEFF</AcctOwnr>

</SqncId>

<NewSqncValSet>

<Mmbr>

<BIC>DRESDEFFXXX</BIC>

</Mmbr>

<Sqnc>9</Sqnc>

</NewSqncValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	The reference of the original message, in case this is a duplicate.	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification		
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount	

name of attribute	format	short description	description
			ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only ModifySequence is possible Mandatory A2A Validation: [1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory A2A	Validation: [1..1]
<Sqncld>		sequence identification	free format tag
		Optional A2A	Validation: [0..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the GoA manager (virtual account) / in case if the CB is acting on behalf, the GoA manager she is repsonsible for Mandatory A2A Validation: [1..1]
</Sqncld>		End sequence identification	free format tag
		Optional A2A	Validation: [0..1]
<NewSqncValSet>		New sequence details	free format tag new sequence values Mandatory A2A Validation: [1..n]
<Mmbr>		Member Participant BIC	free format tag Mandatory A2A Validation: [1..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC of the participant (RTGS account) which belongs to the group of accounts Mandatory A2A Validation: [1..1]

name of attribute	format	short description	description
</Mmbr>		End member Participant BIC	free format tag
		Mandatory	Validation:
		A2A	[1..1]
<Sqnc>-</Sqnc>		sequence	free format tag level out sequence number (rank for levelling out) new sequence number
		Mandatory	Validation:
		A2A	[1..1]positive integral number
</NewSqncValSet>		End new sequence details	free format tag
		Mandatory	Validation:
		A2A	[1..n]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:
		A2A	

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are re-quired Remark: checked by ICM / Receipt
2	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: AcctOwnr value must indicate a SSP participant Remark: checked by ICM / Receipt
3	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctOwnr (profile CI) value must indicate the CI itself or a participant the CI is entitled to act on behalf of Remark: checked by ICM / Receipt
4	X51			1411	Error Text: The selected participant is no Group of Accounts Manager Validation: AcctOwnr (profile CI) CI must be a GoA manager Remark: checked by ICM / Receipt
5	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctOwnr (profile CB) value must indicate the CB itself or a participant the CB is responsible for Remark: checked by ICM / Receipt
6	X51			1411	Error Text: The selected participant is no Group of Accounts Manager Validation: AcctOwnr (profile CB) value must indicate a GoA manager the CB is responsible for Remark: checked by ICM / Receipt
7	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctOwnr (profile GoA) value must indicate a member of the group of accounts the participant is the manager of Remark: checked by ICM / Receipt
8	X51			1411	Error Text: The selected participant is no Group of Accounts Manager Validation: AcctOwnr (profile GoA) value must indicate the GoA manager himself Remark: checked by ICM / Receipt
9	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Mmbr/BIC (profile CB) value must indicate a participant which belongs to the virtual account Id (the group of accounts) Remark: checked by ICM / Receipt
10	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: Mmbr/BIC (profile GoA) value must indicate a participant the GoA manager responsible for Remark: checked by ICM / Receipt
11	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day.

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Remark: checked by PM / TaskQueue
12	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: TaskQueue

ModifySequence_PM_1

Scope: CB is acting on behalf of the GoA manager (BIC DRESDEFFXXX)

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

sequence identification

Account Owner

End sequence identification

New sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End new sequence details

New sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End new sequence details

New sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End new sequence details

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>ModifySequence</Tp>

<SspPrtryDt>

<SqncId>

<AcctOwnr>DRESDEFFXXX</AcctOwnr>

</SqncId>

<NewSqncValSet>

<Mmbr>

<BIC>DRESDE2H264</BIC>

</Mmbr>

<Sqnc>1</Sqnc>

</NewSqncValSet>

<NewSqncValSet>

<Mmbr>

<BIC>DEUTDE8C871</BIC>

</Mmbr>

<Sqnc>2</Sqnc>

</NewSqncValSet>

<NewSqncValSet>

<Mmbr>

<BIC>DEUTDEHB290</BIC>

</Mmbr>

<Sqnc>3</Sqnc>

</NewSqncValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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ModifySequence_PM_2

Scope: Requestor is the GoA manager of the group of accounts (DRESDE2H264, DEUTDE8C871 and DEUTDEHB290)

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

New sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End new sequence details

New sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End new sequence details

New sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End new sequence details

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>ModifySequence</Tp>

<SspPrtryDt>

<NewSqncValSet>

<Mmbr>

<BIC>DRESDE2H264</BIC>

</Mmbr>

<Sqnc>1</Sqnc>

</NewSqncValSet>

<NewSqncValSet>

<Mmbr>

<BIC>DEUTDE8C871</BIC>

</Mmbr>

<Sqnc>2</Sqnc>

</NewSqncValSet>

<NewSqncValSet>

<Mmbr>

<BIC>DEUTDEHB290</BIC>

</Mmbr>

<Sqnc>3</Sqnc>

</NewSqncValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 4.19 ModifyTransaction

Cash Management Standard

ModifyTransaction_PM

Scope: The ModifyTransaction message is used to manage the payment queue. Using this message it is possible to change the

- sequence (to the top or to the bottom of the queue (= reordering)
- priority
- execution time (earliest and latest debit time)

pending payments in the queue.

The ModifyTransaction message can be sent by the application of a direct PM participant or the application of a group of accounts manager ("virtual account") the sender belongs to.

The ModifyTransaction message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.007.001.xx>

Structure:

MessageName for ModifyTransaction

Message Identification

Identification

End Message Identification

Modification

InstructionReference

choice

LongBusinessIdentification

PaymentInstructionRef

InterbankSettlementAmount

InterbankValueDate

PaymentMethod

FINMessageType

End of Payment Method

InstructingAgentIdentification

InstructedAgentIdentification

Additional Reference

End LongBusinessIdentification

Proprietary Reference

End of choice

End of InstructionReference

NewPaymentValueSet

choice amongst

Priority

choice amongst

Priority Code

ProprietaryCode

End choice amongst

End Priority

ProcessingValidityTime

choice

FromDateTime

ToDateTime

End of choice

End of ProcessingValidityTime

End choice amongst

End NewPaymentValueSet

End of Modification

<ModifyTx>

<MsgId>

<Id>ABC12356</Id>

</MsgId>

<Mod>

<InstrRef>

xorLngBizIdPrtryRef

<LngBizId>

<PmtInstrRef>ABC1234</PmtInstrRef>

<IntrBkSttlmAmt>100.15</IntrBkSttlmAmt>

<IntrBkValDt>2007-02-25</IntrBkValDt>

<PmtMtd>

<FINMT>202</FINMT>

</PmtMtd>

<InstgAgId>DEUTDEFFXXX</InstgAgId>

<InstdAgId>MARKDEFFXXX</InstdAgId>

<RItdRef>ABC12134</RItdRef>

</LngBizId>

<PrtryRef>1237</PrtryRef>

/xorLngBizIdPrtryRef

</InstrRef>

<NewPmtValSet>

xorPrtyPrcgVldtyTm

<Prty>

xorCdPrtryCd

<Cd>NORM</Cd>

<PrtryCd>INCR</PrtryCd>

/xorCdPrtryCd

</Prty>

<PrcgVldtyTm>

xorFrDtTmToDtTm

<FrDtTm>2004-07-21T08:35:30</FrDtTm>

<ToDtTm>2004-07-21T09:35:30</ToDtTm>

/xorFrDtTmToDtTm

</PrcgVldtyTm>

/xorPrtyPrcgVldtyTm

</NewPmtValSet>

</Mod>

Attributes:

name of attribute	format	short description	description	
<ModifyTx>		Message name for ModifyTransaction Mandatory A2A	Message name for ModifyTransaction Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
<Mod>		Modification Mandatory A2A	This element contains both the InstructionReference and the NewPaymentValueSet, used for the modification of the transaction. Validation: *****[1..1] differs from the cash management standard SSP currently supports only one payment modification per request.	A
<InstrRef>		InstructionReference Mandatory A2A	PaymentIdentificationChoice Reference to the instruction related to the payment for which information is requested. A choice between ways of identifying a payment instruction by its references and business identification. PaymentInstructionReference [1..1] QueueIdentification [1..1] ShortBusinessIdentification [1..1] LongBusinessIdentification [1..1] unique and unambiguous identification of a payment Validation: [1..1] in PM only <PrtryRef> and <LongBizId> used	
xorLngBizIdPrtryRef		choice Mandatory A2A	choice between <LongBizId> and <PrtryRef> Validation:	
<LngBizId>		LongBusinessIdentification	Identifies a payment instruction by a set of characteristics (as per EBA system requirements) which provides an unambiguous identification of the instruction. PaymentInstructionReference [1..1] InterbankSettlementAmount [1..1] InterbankValueDate [1..1] PaymentMethod [0..1] InstructingAgentIdentification [1..1] InstructedAgentIdentification [1..1]	

name of attribute	format	short description	description
			RelatedReference [0..1]
		Mandatory	Validation:
		A2A	[1..1] if the LongBizId as unique identifier is selected, it is given back within the ReturnTransaction (part of the Payment Details). In PM following criteria are mandatory PaymentInstructionReference [1..1] InterbankSettlementAmount [1..1] InterbankValueDate [1..1] PaymentMethod [1..1] InstructingAgentIdentification [1..1] InstructedAgentIdentification [1..1]
			RelatedReference [0..1]
<PmtInstrRef>-</PmtInstrRef>	16x	PaymentInstructionRef	PaymentInstructionRef
			Unique and unambiguous identifier for a payment instruction, as assigned by the clearing agent or the initiating party.
			TRN of the original payment instruction
		Mandatory	Validation:
		A2A	[1..1]
<IntrBkSttlmAmt>		InterbankSettlementAmount	Amount of money transferred between the instructing agent and instructed agent.
			Amount
		Mandatory	Validation:
		A2A	[1..1] in PM only 2 fraction digits are possible
<IntrBkValDt>	ISODate	InterbankValueDate	Date on which the amount of money ceases to be available to the agent that owes the money, or when the amount of money becomes available to the agent to which the money is due.
			Value Date
		Mandatory	Validation:
		A2A	[1..1]
<PmtMtd>		PaymentMethod	Indicates the message or event from which an instruction has been initiated.
			FINMessageType [1..1] XMLMessageName [1..1] Proprietary [1..1] Instrument [1..1]
		Mandatory	Validation:
		A2A	*****[1..1] mandatory differs from the cash management standard only FINMessageType represents FINMT is used in PM
<FINMT>	3x	FINMessageType	Specifies that the payment was included in a SWIFT FIN format message eg, MT 103.
			Message Type MT
		Mandatory	Validation:
		A2A	[1..1] It is used to specify a SWIFT FIN message. Possible values are: 202 (MT202), 103 (MT103 and MT103+) or 204 (MT204).
</PmtMtd>		End of Payment Method	End of Payment Method
		Mandatory	Validation:
		A2A	[1..1]
<InstgAgId>	11x	InstructingAgentIdentification	The identification of the instructing agent that transmitted the payment instruction.

name of attribute	format	short description	description
		Mandatory A2A	BICIdentifier Sender Validation: [1..1] in case of increase / decrease / change priority/ change execution time (MT 103, MT 203): value must indicate a participant itself or a participant the actor (CB or GoA) is entitled / responsible to act on behalf of the participant
<InstdAgtId>	11x	InstructedAgentIdentification Mandatory A2A	The identification of the instructed agent in the payment instruction. BICIdentifier Receiver Validation: [1..1] in case of increase / decrease / change priority (MT 204): value must indicate a participant itself or a participant the actor (CB or GoA) is entitled / responsible to act on behalf of the participant
<RltdRef>	16x	Additional Reference Optional A2A	RelatedReference The related reference as stipulated in the payment instruction. Field 21 Validation: [0..1]
</LngBizId>		End LongBusinessIdentification Mandatory A2A	End LongBusinessIdentification Validation: [1..1]
<PrtryRef>-</PrtryRef>	16n	Proprietary Reference Mandatory A2A	Proprietary Reference SSP-Reference (generated by PM [16x]; unique identifier of a business case - Note: Some business cases consist of several bookings.) SSP-Reference will be delivered within the ReturnTransaction message. Validation: [1..1] Only transactions with an unambiguous SSP-Reference can be modified. Decrease / increase / change priority: MT204: value must indicate a transaction received by a participant or a CB, GoA who is entitled / responsible to act on behalf of the participant. Decrease / increase / change priority: MT103, 202: value must indicate a transaction sent by a participant or a CB, GoA who is entitled / responsible to act on behalf of the participant. Change time: value must indicate a transaction sent by a participant or a CB, GoA who is entitled / responsible to act on behalf of the participant.
/xorLngBizIdPrtryRef		End of choice Mandatory A2A	end of choice Validation:
</InstrRef>		End of InstructionReference Mandatory A2A	End of InstructionReference Validation: [1..1]
<NewPmtValSet>		NewPaymentValueSet	Instruction to pay an amount of money to an ultimate

name of attribute	format	short description	description
			beneficiary, on behalf of an originator. This instruction may have to be forwarded several times to complete the settlement chain.
			Instruction [0..1] PaymentType [0..1] Priority [0..1] ProcessingValidityTime [0..1]
		Mandatory	Validation:
		A2A	[1..1] In PM Instruction [0..1] and PaymentType [0..1] are not needed. In contrast to the cash management standard, there is only the possibility to modify the Priority or the Processing Validity Time. For this reason it's not feasible to put both modification in one request. Change Priority, Change Earliest Debit Time and Change Latest Debit Time are only possible for status of payments queued and earmarked.
xorPrtyPrcgVldtyTm		choice amongst	choice amongst Priority and ProcessingValidityTime
		Mandatory	Validation:
		A2A	in PM different from the SWIFT cash management standard only one modification is possible <Prty> or <PrcgVldtyTm>
<Prty>		Priority	The relative urgency or order of importance that the originator would like the recipient of the payment instruction to apply to the processing of the payment instruction. Code [1..1] PriorityCode PriorityCodeChoice ProprietaryCode [1..1] Max4AlphaNumericText Priority
		Mandatory	Validation:
		A2A	*****[1..1] because of the rule choice in PM between <Prty> or <PrcgVldtyTm> the field is mandatory and differs consequently from the cash management standard
xorCdPrtryCd		choice amongst	PriorityCodeChoice Code [1..1] Priority Code ProprietaryCode [1..1] Max4AlphaNumericText
		Mandatory	Validation:
		A2A	
<Cd>		Priority Code	Specifies the priority level of an event. HIGH = High Priority level is high. LOWW = Low Priority level is low. NORM = Normal Priority level is normal. Priority
		Mandatory	Validation:
		A2A	[1..1] The priority of a payment can only be changed if the payment is not yet final or returned because of revoke or reject. Normal = NORM is defined in PM as = urgent Priority Low = LOWW is defined in PM as = normal Priority Priority: Only the sender of a payment, his central bank is

name of attribute	format	short description	description
			able to change the priority of the payment. The function cannot be used in case of payments from/to excluded participants. It is not possible to change from or to highly urgent priority.
<PrtryCd>-</PrtryCd>	4x	ProprietaryCode	Priority code bilaterally defined between parties. Specifies the priority level of an event.
		Mandatory	Reordering Queue
		A2A	Validation: [1..1] In this Case in PM used as action parameter DECR = Decrease INCR = Increase Increase and Decrease are only usable for payments with status open-pending. Increase and Decrease only the debtor of a payment, his central bank or user group profile SSP is able to increase the payment. This function cannot be used in case of payments from/to excluded participants.
/xorCdPrtryCd		End choice amongst	end choice amongst PriorityCodeChoice
		Mandatory	Code [1..1] Priority Code ProprietaryCode [1..1] Max4AlphaNumericText
		A2A	Validation:
</Prty>		End Priority	End of priority
		Mandatory	Validation:
		A2A	[1..1]
<PrcgVldtyTm>		ProcessingValidityTime	Date and time range within which the payment instruction must be processed.
		Mandatory	Validation:
		A2A	*****[1..1] because of the rule choice in PM between <Prty> or <PrcgVldtyTm> the field is mandatory and differs consequently from the cash management standard Earliest Debit Time and Latest Debit Time: Only the sender of a payment, his central bank or user group profile SSP is able to change the priority of the payment. The function cannot be used in case of payments from/to excluded participants. In case of Valuta BackupPayments with an old date - the elements <FrDtTm> or rather <ToDtTm> the date within, has to be the SSP Business date
xorFrDtTmToDtTm		choice	DateTimePeriodChoice
			FromDateTime [1..1] ToDateTime [1..1]
		Mandatory	Validation:
		A2A	choice amongst <FrDtTm>, <ToDtTm>
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
	e		New Earliest Execution Debit Time (FROTIME), Only the sender (MT204 creditor / MT103, 202 debtor) of a payment, his central bank is able to change the execution time of the payment.
		Mandatory	Validation:
		A2A	[1..1] in PM used to change Earliest debit time. The new Earliest Debit Time (FROTIME) cannot be earlier than the opening time of SSP. Date within the ISODateTime must indicate the date of current value date
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
	e		New Latest Debit Time (TILTIME)

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1] in PM used to change latest debit time. The New Latest Debit Time (TILTIME, REJTIME, CLSTIME) cannot be later than the closing time of SSP. The date within the ISODateTime must indicate the date of current value date
/xorFrDtTmToDtTm		End of choice	end of choice
		Mandatory	Validation:
		A2A	end of choice amongst <FrDtTm>, <ToDtTm>
</PrcgVldtyTm>		End of ProcessingValidityTime	End of ProcessingValidityTime
		Mandatory	Validation:
		A2A	[1..1]
/xorPrtyPrcgVldtyTm		End choice amongst	end choice amongst
			Priority and ProcessingValidityTime
		Mandatory	Validation:
		A2A	
</NewPmtValSet>		End NewPaymentValueSet	End of NewPaymentValueSet
		Mandatory	Validation:
		A2A	[1..1]
</Mod>		End of Modification	
		Mandatory	Validation:
		A2A	*****[1..1]
</ModfyTx>		End of Messagename for ModifyTransaction	
		Mandatory	Validation:
		A2A	

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
4	P80	-	-	P110	Error Text: You are not allowed to increase/decrease the payment(s) Validation: InstrRef for increase/decrease modification (profile credit institution) value must indicate a transaction sent by the credit institution itself or by a participant the credit institution is entitled to act on behalf of Remark: checked by ICM/ Receipt
5	P81	-	-	P111	Error Text: You are not allowed to change the priority of the payment(s) Validation: InstrRef for priority modification (profile group of account manager) value must indicate a transaction sent by a group of account manager the participant is manager of Remark: checked by ICM/ Receipt
6	P80	-	-	P110	Error Text: You are not allowed to increase/decrease the payment(s) Validation: InstrRef for increase/decrease modification (profile group of account manager) value must indicate a transaction for which the group of account manager is responsible for Remark: checked by ICM/ Receipt
7	P81	-	-	P111	Error Text: You are not allowed to change the priority of the payment(s) Validation: InstrRef for priority modification (profile central bank) value must indicate a transaction sent by a participant the central bank is responsible for Remark: checked by ICM/ Receipt
8	P80	-	-	P110	Error Text: You are not allowed to increase/decrease the payment(s) Validation: InstrRef for increase/decrease modification (profile central bank) value must indicate a transaction sent by a participant the central bank is responsible for Remark: checked by ICM/ Receipt
9	P81	-	-	P111	Error Text: You are not allowed to change the priority of the payment(s) Validation: InstrRef for priority modification (profile credit institution) value must indicate a transaction sent by the credit institution itself or by a participant the credit institution is entitled to act on behalf of Remark: checked by ICM/ Receipt
10	P83	-	-	P113	Error Text: You are not allowed to change the Latest Debit Time of the payment(s) Validation: InstrRef for modification of latest debit time (profile group of account manager): value must indicate a transaction sent by a group of account manager the participant is manager of Remark: checked by ICM/ Receipt

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
11	P83	-	-	P113	Error Text: You are not allowed to change the Latest Debit Time of the payment(s) Validation: InstrRef for modification of latest debit time (profile credit institution) value must indicate a transaction sent by the credit institution itself or by a participant the credit institution is entitled to act on behalf of Remark: checked by ICM/ Receipt
12	P83	-	-	P113	Error Text: You are not allowed to change the Latest Debit Time of the payment(s) Validation: InstrRef for modification of latest debit time (profile central bank) value must indicate a transaction sent by a participant the central bank is responsible for Remark: checked by ICM/ Receipt
13	P82	-	-	P112	Error Text: You are not allowed to change the Earliest Debit Time of the payment(s) Validation: InstrRef for modification of earliest debit time (profile group of account manager): value must indicate a transaction sent by a group of account manager the participant is manager of Remark: checked by ICM/ Receipt
14	P82	-	-	P112	Error Text: You are not allowed to change the Earliest Debit Time of the payment(s) Validation: InstrRef for modification of earliest debit time (profile credit institution) value must indicate a transaction sent by the credit institution itself or by a participant the credit institution is entitled to act on behalf of Remark: checked by ICM/ Receipt
15	P82	-	-	P112	Error Text: You are not allowed to change the Earliest Debit Time of the payment(s) Validation: InstrRef for modification of earliest debit time (profile central bank) value must indicate a transaction sent by a participant the central bank is responsible for Remark: checked by ICM/ Receipt
16	P80	-	-	P110	Error Text: You are not allowed to increase/decrease the payment(s) Validation: Increase and Decrease: Only the debtor (MT204 receiver / sender MT202/103) of a payment, his central bank is able to increase the payment. Remark: checked by ICM/ Receipt
17	P81	-	-	P111	Error Text: You are not allowed to change the priority of the payment(s) Validation: Priority: Only the debtor (MT204 receiver / sender MT202/103) of a payment, his central bank or is able to change the priority of the payment Remark: checked by ICM/ Receipt
18	P95	-	-	P125	Error Text: Date is not the current value date Validation: ToDtTm: date within the ISODateTime must indicate the date of current value date Remark: checked by ICM/ Receipt
19	P95	-	-	P125	Error Text: Date is not the current value date Validation: FrDtTm: date within the ISODateTime must indicate the date of current value date Remark: checked by ICM/ Receipt
20	P96	-	-	P126	Error Text: Date is not the current SSP business day Validation: only for backup payments with valuta date in the past ToDtTm: date within the ISODateTime must indicate the current SSP business date.

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
						Remark: checked by ICM/ Receipt
21	P96	-	-	P126	Error Text: Date is not the current SSP business day Validation: only for backup payments with valuta date in the past FrDtTm: date within the ISODateTime must indicate the current SSP business date. Remark: checked by ICM/ Receipt	
22	P93	-	-	P123	Error Text: Requested time must be later than the current system time. Validation: ToDtTm value cannot be earlier than the current system time Remark: checked by ICM/ Receipt	
23	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: TaskQueue	
24	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: TaskQueue	
25	P93	-	-	P123	Error Text: Requested time must be later than the current system time. Validation: FrDtTm value cannot be earlier than the current system time Remark: checked by ICM/ Receipt	
26	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / TaskQueue	
27	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: Customer is participant with account Remark: TaskQueue	
28	P92			P122	Error Text: New Latest Debit Time is before specified Earliest Debit Time Validation: New Latest Debit Time is before specified Earliest Debit Time Remark: TaskQueue	
29	P85	-	-	P115	Error Text: Requested time must be before closing time of SSP Validation: Validation is against the cut-off time of the respective FIN message type (e.g. MT103 etc.) Remark: TaskQueue	
30	P83	-	-	P113	Error Text: You are not allowed to change the Latest Debit Time of the payment(s) Validation: Latest Debit Time: Only the sender of a payment, his central bank is able to change the Latest DebitTime of a payment. Remark: TaskQueue	
31	P89	-	-	P119	Error Text: New setting of earliest or latest debit time is not possible. Validation: modification debit time: earliest and latest debit time has to be specified Remark: TaskQueue	
32	P94	-	-	P124	Error Text: Requested time must be later than opening time of SSP	

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
					Validation:	New Latest Debit Time cannot be earlier than the opening time of SSP
					Remark:	TaskQueue
33	P94	-	-	P124	Error Text:	Requested time must be later than opening time of SSP
					Validation:	New Earliest Debit Time cannot be earlier than the opening time of SSP
					Remark:	TaskQueue
34	P89	-	-	P119	Error Text:	New setting of earliest or latest debit time is not possible.
					Validation:	changing the earliest or latest debit time is only possible if the message was delivered to SSP including set times. New setting of debit times is not possible.
					Remark:	TaskQueue
35	P85	-	-	P115	Error Text:	Requested time must be before closing time of SSP
					Validation:	debit time has to within the time span of SSP
					Remark:	TaskQueue
36	P91	-	-	P121	Error Text:	New Earliest DebitTime is after the permitted Latest DebitTime
					Validation:	earliest debit time must before latest debit time
					Remark:	TaskQueue
37	P78	-	-	P108	Error Text:	Function is only available for status open-pending.
					Validation:	Increase or decrease of payment:the status of the payment must not be earmarked or final.
					Remark:	TaskQueue
38	P70	-	-	P100	Error Text:	Function is only possible for AS: "info period", all other: "warehoused", "pending" (but not for change earliest debit time) and "earmarked"
					Validation:	the payment must not be final
					Remark:	TaskQueue
39	P13	-	-	P013	Error Text:	No payment found
					Validation:	PrtryRef does exist and is valid
					Remark:	TaskQueue
40	P13	-	-	P013	Error Text:	No payment found
					Validation:	there has to be a payment which can be modified (via the selection of LongBusinessId)
					Remark:	TaskQueue
41	P72	-	-	P102	Error Text:	Function is not available for AS payments
					Validation:	change earliest and latest debit time not available for AS payments
					Remark:	TaskQueue
42	P72	-	-	P102	Error Text:	Function is not available for AS payments
					Validation:	increase and decrease not available for AS payments
					Remark:	TaskQueue
43	P72	-	-	P102	Error Text:	Function is not available for AS payments
					Validation:	change priority not available for AS payments
					Remark:	TaskQueue

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
44	P72	-	-	P102	Error Text: Function is not available for AS payments Validation: Due to the fact that the <PrtryRef> is not unique for AS payments. This funktion is not available for AS payments. Remark: checked by PM / TaskQueue

ModifyTransaction_PM_1

Scope: ModifyTransaction via SSP-Reference (PM-Reference) change priority of a payment to urgent (Priority Code: NORM)

Message name for ModifyTransaction

<ModifyTx>

M

Message Identification

<MsgId>

Identification

<Id>ABC12345</Id>

End Message Identification

</MsgId>

Modification

<Mod>

A

InstructionReference

<InstrRef>

Proprietary Reference

<PrtryRef>1237</PrtryRef>

End of InstructionReference

</InstrRef>

NewPaymentValueSet

<NewPmtValSet>

Priority

<Prty>

Priority Code

<Cd>NORM</Cd>

End Priority

</Prty>

End NewPaymentValueSet

</NewPmtValSet>

End of Modification

</Mod>

A

End of Message name for ModifyTransaction

</ModifyTx>

M

ModifyTransaction_PM_2

Scope: ModifyTransaction via LongBusinessIdentification reordering transaction (on top, on bottom) = Decrease

Messagename for ModifyTransaction

Message Identification

Identification

End Message Identification

Modification

InstructionReference

LongBusinessIdentification

PaymentInstructionRef

InterbankSettlementAmount

InterbankValueDate

PaymentMethod

FINMessageType

End of Payment Method

InstructingAgentIdentification

InstructedAgentIdentification

End LongBusinessIdentification

End of InstructionReference

NewPaymentValueSet

Priority

ProprietaryCode

End Priority

End NewPaymentValueSet

End of Modification

End of Messagename for ModifyTransaction

<ModifyTx>

<MsgId>

<Id>ABC1233</Id>

</MsgId>

<Mod>

<InstrRef>

<LngBizId>

<PmtInstrRef>ABC1234</PmtInstrRef>

<IntrBkSttlmAmt>2000.15</IntrBkSttlmAmt>

<IntrBkValDt>2007-02-25</IntrBkValDt>

<PmtMtd>

<FINMT>103</FINMT>

</PmtMtd>

<InstgAgId>DRESDEFFXXX</InstgAgId>

<InstdAgId>MARKDEFF100</InstdAgId>

</LngBizId>

</InstrRef>

<NewPmtValSet>

<Prty>

<PrtryCd>DECR</PrtryCd>

</Prty>

</NewPmtValSet>

</Mod>

</ModifyTx>

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ModifyTransaction_PM_3

Scope: ModifyTransaction via SSP-Reference (PM-Reference) change earliest execution time for payment

MessageName for ModifyTransaction

<ModifyTx>

M

Message Identification

<MsgId>

Identification

<Id>PM12345</Id>

End Message Identification

</MsgId>

Modification

<Mod>

A

InstructionReference

<InstrRef>

Proprietary Reference

<PrtryRef>1237</PrtryRef>

End of InstructionReference

</InstrRef>

NewPaymentValueSet

<NewPmtValSet>

ProcessingValidityTime

<PrcgVldtyTm>

FromDateTime

<FrDtTm>2008-07-21T08:35:30</FrDtTm>

End of ProcessingValidityTime

</PrcgVldtyTm>

End NewPaymentValueSet

</NewPmtValSet>

End of Modification

</Mod>

A

End of MessageName for ModifyTransaction

</ModifyTx>

M

ModifyTransaction_PM_4

Scope: ModifyTransaction via LongBusinessIdentification change latest execution time for payment

Messagename for ModifyTransaction

Message Identification

Identification

End Message Identification

Modification

InstructionReference

LongBusinessIdentification

PaymentInstructionRef

InterbankSettlementAmount

InterbankValueDate

PaymentMethod

FINMessageType

End of Payment Method

InstructingAgentIdentification

InstructedAgentIdentification

Additional Reference

End LongBusinessIdentification

End of InstructionReference

NewPaymentValueSet

ProcessingValidityTime

ToDateTime

End of ProcessingValidityTime

End NewPaymentValueSet

End of Modification

End of Messagename for ModifyTransaction

<ModfyTx>

<MsgId>

<Id>PM1235</Id>

</MsgId>

<Mod>

<InstrRef>

<LngBizId>

<PmtInstrRef>ABC1234</PmtInstrRef>

<IntrBkSttlmAmt>100.15</IntrBkSttlmAmt>

<IntrBkValDt>2007-02-25</IntrBkValDt>

<PmtMtd>

<FINMT>202</FINMT>

</PmtMtd>

<InstgAgtId>DRESDEFFXXX</InstgAgtId>

<InstdAgtId>MARKDEFFXXX</InstdAgtId>

<RltdRef>ABC12134</RltdRef>

</LngBizId>

</InstrRef>

<NewPmtValSet>

<PrcgVldtyTm>

<ToDtTm>2004-07-21T09:35:30</ToDtTm>

</PrcgVldtyTm>

</NewPmtValSet>

</Mod>

</ModfyTx>

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6. 4.20 ReleasePayment (for CBs only)

SSP Proprietary Messages

ReleasePayment_PM

Scope: The Release payment message is used to agree or disagree payments from/to excluded participants for further processing.

"Agree", "Disagree" are only possible, if the status of payment is "Accounting Stopped due to exclusion" the current business day.

The ReleasePayment message can be sent by the application of a central bank (CB) and is replied by a Receipt message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

InstructionReference

choice

LongBusinessIdentification

PaymentInstructionRef

ImpliedCurrencyAndAmount

InterbankValueDate

PaymentMethod

FINMessageType

End of Payment Method

InstructingAgentIdentification

InstructedAgentIdentification

RelatedReference

End LongBusinessIdentification

Proprietary Reference

End of choice

End of InstructionReference

NewPaymentValueSet

ProprietaryCode

End NewPaymentValueSet

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>ReleasePayment</Tp>

<SspPrtryDt>

<InstrRef>

xorLngBizIdPrtryRef

<LngBizId>

<PmtInstrRef>XYZ321</PmtInstrRef>

<IntrBkSttlmAmt>500.00</IntrBkSttlmAmt>

<IntrBkValDt>2007-10-12</IntrBkValDt>

<PmtMtd>

<FINMT>202</FINMT>

</PmtMtd>

<InstgAgId>DEUTDEFFXXX</InstgAgId>

<InstdAgId>DEUTDEFFXXX</InstdAgId>

<RltdRef>ABC123</RltdRef>

</LngBizId>

<PrtryRef>123</PrtryRef>

/xorLngBizIdPrtryRef

</InstrRef>

<NewPmtValSet>

<PrtryCd>AGRE</PrtryCd>

</NewPmtValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description
<PrtryMsg>		Name Proprietary message Mandatory A2A	Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Message Reference Validation: [1..1]
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]
<PrtryData>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS

name of attribute	format	short description	description
			ReturnASettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
<InstrRef>		InstructionReference	PaymentIdentificationChoice Reference to the instruction related to the payment for which information is requested. A choice between ways of identifying a payment instruction by its references and business identification. PaymentInstructionReference [1..1] QueueIdentification [1..1] ShortBusinessIdentification [1..1] LongBusinessIdentification [1..1]
		Mandatory	Validation:
		A2A	[1..1]
xorLngBizIdPrtryRef		choice	choice between <LongBizId> and <PrtryRef>
		Mandatory	Validation:
		A2A	
<LngBizId>		LongBusinessIdentification	Identifies a payment instruction by a set of characteristics (as per EBA system requirements) which provides an unambiguous identification of the instruction. PaymentInstructionReference [1..1] InterbankSettlementAmount [1..1] InterbankValueDate [1..1] PaymentMethod [0..1] InstructingAgentIdentification [1..1] InstructedAgentIdentification [1..1] RelatedReference [0..1]
		Mandatory	Validation:
		A2A	[1..1]
<PmtInstrRef>-</PmtInstrRef>	16x	PaymentInstructionRef	Unique and unambiguous identifier for a payment instruction, as assigned by the clearing agent or the initiating party. TRN of the original payment instruction

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
<IntrBkSttlmAmt>-</IntrBkSttlmAmt>		ImpliedCurrencyAndAmount	ImpliedCurrencyAndAmount
		Mandatory	Amount
		A2A	Validation: [1..1] in PM only 2 fraction digits are possible
<IntrBkValDt>-</IntrBkValDt>		InterbankValueDate	InterbankValueDate
		Mandatory	Value Date
		A2A	Validation: [1..1]
<PmtMtd>		PaymentMethod	PaymentMethod
		Mandatory	Validation:
		A2A	[1..1]
<FINMT>-</FINMT>		FINMessageType	FINMessageType
		Mandatory	Message Type MT
		A2A	Validation: [1..1]
</PmtMtd>		End of Payment Method	End of Payment Method
		Mandatory	Validation:
		A2A	[1..1]
<InstgAgtd>-</InstgAgtd>	11x	InstructingAgentIdentification	InstructingAgentIdentification
		Mandatory	BICIdentifier BIC Sender
		A2A	Validation: [1..1]
<InstdAgtd>-</InstdAgtd>	11x	InstructedAgentIdentification	InstructedAgentIdentification
		Mandatory	BICIdentifier BIC Receiver
		A2A	Validation: [1..1]
<RltdRef>-</RltdRef>	35x	RelatedReference	RelatedReference
		Optional	Field 21
		A2A	Validation: [0..1]
</LngBizId>		End LongBusinessIdentification	End LongBusinessIdentification
		Mandatory	Validation:
		A2A	[1..1]
<PrtryRef>-</PrtryRef>	16n	Proprietary Reference	Proprietary Reference
		Mandatory	SSP-Reference (generated by PM [16x]; unique identifier of a business case - Note: Some business cases consist of several bookings.)
		A2A	Validation: [1..1]
/xorLngBizIdPrtryRef		End of choice	end of choice

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name of attribute	format	short description	description
		Mandatory A2A	Validation:
</InstrRef>		End of InstructionReference	End of InstructionReference
		Mandatory A2A	Validation: [1..1]
<NewPmtValSet>		NewPaymentValueSet	Instruction to pay an amount of money to an ultimate beneficiary, on behalf of an originator. This instruction may have to be forwarded several times to complete the settlement chain.
			Instruction [0..1] PaymentType [0..1] Priority [0..1] ProcessingValidityTime [0..1]
		Mandatory A2A	Validation: [1..1] Specifies if the payment is agreed or disagreed for further processing. AGRE = Agree; DISA = Disagree
<PrtryCd>-</PrtryCd>		ProprietaryCode	ProprietaryCode
			Specifies, if the payment is agreed or disagreed for further processing. AGRE = Agree DISA = Disagree
		Mandatory A2A	Validation: [1..1] If both Creditor and Debtor of payment are excluded, only SSP can agree or disagree to the settlement. Agree or Disagree are only possible, if the status of payment is "Accounting Stopped due to exclusion" the current business day.
</NewPmtValSet>		End NewPaymentValueSet	End of NewPaymentValueSet
		Mandatory A2A	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory A2A	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory A2A	Validation: [1..1]
</PrtryMsg>		Mandatory A2A	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: Message is allowed for central banks only. RBAC role name APPLICBTE is required Remark: checked by ICM / Receipt
4	P98			P098	Error Text: Agree and Disagree only possible, if the used act on behalf BIC is an excluded participant Validation: PrtryRef (profile central bank) value must indicate a transaction sent by a participant the central bank is responsible for Remark: checked by ICM / Receipt
5	X35	-	-	1305	Error Text: The query name is not related to a previous query. Validation: the used act on behalf BIC has to be an excluded participant Remark: checked by ICM / Receipt
6	P98			P098	Error Text: Agree and Disagree only possible, if the used act on behalf BIC is an excluded participant Validation: InstgAgId (profile central bank) value must indicate a transaction sent by a participant the central bank is responsible for Remark: checked by ICM / Receipt
7	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Possibility to use this function during the current phase of business day. Remark: checked by PM / TaskQueue
8	P87	-	-	P117	Error Text: Only responsible Central Banks can agree or disagree to the settlement. Validation: instructing central bank belongs to an excluded Participant Remark: TaskQueue
9	P88	-	-	P118	Error Text: Function is only possible, if the status of payment/file is "accounting stopped due to exclusion" and the value date is the current business day. Validation: Agree, Disagree are only possible, if the status of payment is "Stopped due to exclusion" and value date is the current business day. Remark: TaskQueue
10	P13	-	-	P013	Error Text: No payment found Validation: PrtryRef does exist Remark: TaskQueue
11	P13	-	-	P013	Error Text: No payment found Validation: there has to be a payment which can be agreed/disagreed

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Remark: TaskQueue

12	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: If requestor is direct participant or ancillary system or GoA manager and this requestor is excluded, no change of data is allowed Remark: TaskQueue
----	-----	----	------	------	--

ReleasePayment_PM_1

Scope: Agree Payment for further processing via LongBusinessIdentification. Payment will be delivered to settlement in PM immediately.

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

InstructionReference

LongBusinessIdentification

PaymentInstructionRef

ImpliedCurrencyAndAmount

InterbankValueDate

PaymentMethod

FINMessageType

End of Payment Method

InstructingAgentIdentification

InstructedAgentIdentification

RelatedReference

End LongBusinessIdentification

End of InstructionReference

NewPaymentValueSet

ProprietaryCode

End NewPaymentValueSet

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>ReleasePayment</Tp>

<SspPrtryDt>

<InstrRef>

<LngBizId>

<PmtInstrRef>XYZ321</PmtInstrRef>

<IntrBkSttlmAmt>500.00</IntrBkSttlmAmt>

<IntrBkValDt>2007-10-12</IntrBkValDt>

<PmtMtd>

<FINMT>202</FINMT>

</PmtMtd>

<InstgAgtd>DEUTDEFFXXX</InstgAgtd>

<InstdAgtd>DEUTDEFFXXX</InstdAgtd>

<RltdRef>ABC123</RltdRef>

</LngBizId>

</InstrRef>

<NewPmtValSet>

<PrtryCd>AGRE</PrtryCd>

</NewPmtValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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ReleasePayment_PM_2

Scope: Disagree Payment for further processing via SSP-Reference. A negative acknowledgement will be delivered immediately.

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

InstructionReference

Proprietary Reference

End of InstructionReference

NewPaymentValueSet

ProprietaryCode

End NewPaymentValueSet

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABC123456</Ref>

</MsgId>

<PrtryData>

<Tp>ReleasePayment</Tp>

<SspPrtryDt>

<InstrRef>

<PrtryRef>123</PrtryRef>

</InstrRef>

<NewPmtValSet>

<PrtryCd>DISA</PrtryCd>

</NewPmtValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 4.21 ReturnAccount

Cash Management Standard

ReturnAccount _PM

Scope: The ReturnAccount message is used to return information about the

- balance on the following accounts kept in PM
 - RTGS account.
 - sub-account.
- standing order liquidity transfer (held at PM, if Static Data is available, see validation within <StgOrd>).

The connected request is performed by a GetAccount message.

<camt.004.001.xx>

Structure:

Message Type

Message Identification	<MsgId>
Identification	<Id>ABC123489</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABC17282991</QryRef>
End of Query Reference	</BizQryRef>
choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE67123456789122345678</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Proprietary Data type	<Tp>SACC</Tp>
Account Owner	<AcctOwnr>DRESDEFFXXX</AcctOwnr>
MultilateralBalance	<MulBal>
Amount	<Amt>5000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>AVLB</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>STLD</Sts>
End of MultilateralBalance	</MulBal>
StandingOrder	<StgOrd>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>5000.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Frequency	<Frqcy>DAIL</Frqcy>
Associated Pool Account	<AssoctdPoolAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>-</Id>
End of simple Identification Information	</DmstAcct>
End Associated Pool Account	</AssoctdPoolAcct>
End of Standing Order	</StgOrd>
End of Account	</Acct>
End of AccountReport	</AcctRpt>

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End of BusinessReport	</BizRpt>	
OperationalError	<OpriErr>	
Error handling	<Err>	A
Proprietary error code	<Prtry>9999</Prtry>	A
End error handling	</Err>	A
Description	<Desc>General system error</Desc>	D
End of Operational Error	</OpriErr>	
End choice	/xorBizRptOpriErr	
End of Message Type	</RtrAcct>	M

Attributes:

name of attribute	format	short description	description
<RtrAcct>		Message Type Mandatory A2A	Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory A2A	BusinessQueryReference Query message reference. Messages Reference of the related request Validation: *****[1..1] In PM mandatory differs from the cash management standard
<QryRef>-</QryRef>	35x	QueryReference Mandatory A2A	QueryReference Specifies a character string with a maximum length of 35 characters. Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory A2A	End of Query Reference Validation: [1..1]
xorBizRptOpriErr		choice Mandatory A2A	choice amongst BizRpt und OpriErr Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation:
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
<AcctRpt>		AccountReport	
		Mandatory	Validation:
		A2A	*****[1..1] differs from the cash management standard
<AcctId>		Account Identification	Unique and unambiguous identification for the account between the account owner and the account servicer.
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held.
		Mandatory	Validation:
		A2A	[1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. RTGS main account / sub-account
		Mandatory	Validation:
		A2A	[1..1] RTGS account 34x
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation:
		A2A	[1..1]
</AcctId>		End of Account Identification	Unique and unambiguous identification for the account between the account owner and the account servicer.
		Mandatory	Validation:
		A2A	[1..1]
<Acct>		Account Identification	Account to or from which a cash entry is made
		Mandatory	Validation:
		A2A	[1..1] BusinessError is not used
<Tp>-</Tp>		Proprietary Data type	CashAccountTypeCode CACC = Current Account used to post debits and credits when no specific account has been nominated. CASH = CashPayment Account used for the payment of cash. CHAR = Charges Account used for charges if different from the account for payment. CISH = CashIncome Account used for payment of income if different from the current cash account. COMM = Commission Account used for commission if different from the account for payment. MGLD = MarginalLending

name of attribute	format	short description	description
			Account used for a marginal lending facility. ONDP = OverNightDeposit Account used for overnight deposits. SACC = Settlement Account used to post debit and credit entries, as a result of transactions cleared and settled through a specific clearing and settlement system. SVGS = Savings Account used for savings. TAXE = Tax Account used for taxes if different from the account for payment. TRAS = CashTrading Account used for trading if different from the current cash account
		Mandatory A2A	Validation: [1..1] in PM only SACC = Settlement account is used
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the RTGS main Account (SSP Participant or BIC in the case on behalf of third party)
		Mandatory A2A	Validation: [1..1]
<MulBal>		MultilateralBalance	Balance is calculated with regard to many members in the system.
		Optional A2A	Validation: *****[0..12]differs from th cash management standard in PM NbOfPmts is not used
<Amt>		Amount Mandatory A2A	Validation: [1..1] in PM only 2 fraction digits are possible
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	CRDT = Credit Operation is an increase. DBIT = Debit Operation is a decrease. Indicates whether the balance is a credit or a debit balance. A zero balance is considered to be a credit balance Values : "CRDT", "DBIT" In the case of BalanceTypeCode NOTE it defines wheter it is a earmarked payment for Debits or Credits
		Mandatory A2A	Validation: [1..1]
<Tp>		Balance Type choice Mandatory A2A	Validation: *****[1..1] differs from the cash management standard In PM mandatory.
<Cd>		BalanceTypeCode	Specifies the nature of the balance, eg, opening balance. ADJT= Adjustment Balance to be held in the settlement account in order to comply with the average reserve due, in the event that the bank's balance is equal to the reserve due during the

name of attribute	format	short description	description
			remaining days of the maintenance period.
			<p>AVLB = Available Balance of money or securities that is at the disposal of the account owner on the date specified.</p> <p>BLCK = Blocked Balance representing the regulatory reserve that a financial institution must have with the account servicing institution, eg, the minimum credit balance a financial institution is to keep with ist Central Bank for mandatory reserve purposes. In some countries, a blocked balance is known as a 'reserve' balance.</p> <p>BOOK = Book Balance that is registered in the books of the account servicer.</p> <p>CLSG = Closing Balance of the account at the end of the account servicer's business day. It is the sum of the opening balance at the beginning of the day and all entries booked to the account during the account servicer's business day.</p> <p>CRDT = Credit Balance representing the sum of all credit entries booked to an account.</p> <p>CRRT = Current Balance of the account at a precise moment in time.</p> <p>DBIT = Debit Balance representing the sum of all debit entries booked to an account.</p> <p>DLOD = DaylightOverdraft Balance representing the intra day overdraft granted by the Central Bank to financial institutions participating in a RTGS system. This balance may vary over time and shall be offset at the end of the day.</p> <p>EAST = EligibleAssets Balance representing the potential loan a Central Bank would make in cash if the collateral is pledged, eg, securities available and eligible as collateral with the Central Bank.</p> <p>INTM = Interim Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day. The interim balance is calculated on the basis of booked credit and debit items during the calculation time/period specified.</p> <p>LRLD = LimitRelated Balance of a specific limit value, eg, a bilateral balance is calculated in relation to a given bilateral limit.</p> <p>LTSF= LiquidityTransfer Balance composed of the sum of all liquidity transfers made to or from an account.</p> <p>OPNG = Opening Book balance of the account at the beginning of the account servicer's business day. It always equals the closing book balance from the previous business day. Note: the available balance at the beginning of the account servicer's business day may be different from the closing book balance from the previous business day.</p> <p>PDNG = Pending Balance of securities pending delivery, eg, orders to sell securities have been executed but settlement of the open transactions has not been confirmed.</p> <p>PRAV = ProgressiveAverage Average of the daily balances on the account used to fulfil the reserve requirements calculated from the beginning of the maintenance period.</p>

name of attribute	format	short description	description
			<p>PYMT = Payment Balance representing the sum of entries as a result of payments processing. Entries relating to fees, interest, or other movements not a result of payments sent or received by the account owner are not included.</p> <p>XCRD = ExpectedCredit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day credit balance if everything books to the account and no other credit entry is posted.</p> <p>XDBT = ExpectedDebit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day debit balance if everything books to the account and no other debit entry is posted.</p> <p>XPCD = Expected Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day balance if everything is booked on the account and no other entry is posted.</p> <p>*****NOTE = Noted Balance Balance representing the amount that a financial institution has set aside for a specific reason and which is therefore not available</p>
	Mandatory A2A		<p>Validation: [1..1]Following Codes in PM are possible: AVLB = available liquidity OPNG = start Balance NOTE = earmarked payments CRDT = credits CRRT = current balance DBIT = debits LTSF = Liquidity Transfer XPCD = projected liquidity</p>
</Tp>	End balance type choice Mandatory A2A		<p>Validation: *****[1..1]</p>
<Sts>	BalanceStatusCode Mandatory A2A		<p>Current status of a cash balance.</p> <p>PDNG = Pending Balance corresponding to the pending transactions.</p> <p>STLD = Settled Final status of a transaction when the associated transfer of cash has been successfully processed.</p> <p>Validation: *****[1..1] in PM mandatory differs from the cash management standard AVLB = available liquidity (only STLD is possible) OPNG = start Balance (only STLD is possible) NOTE = timed payments (only PDNG is possible) CRDT = credits CRRT = current balance (only STLD is possible) DBIT = debits LTSF = Liquidity Transfer XPCD = projected liquidity (only PDNG is possible)</p>
</MulBal>	End of MultilateralBalance Optional A2A		<p>End of MultilateralBalance</p> <p>Validation: [0..11]</p>
<StgOrdr>	StandingOrder		<p>Instruction given by a party that has explicit authority to instruct a debit on the account, ie, either the debit account owner or originating party, to a first agent, to</p>

name of attribute	format	short description	description
		Optional A2A	process cash transfers at specified intervals during an implicit or explicit period of time. A standing order is given once and is valid for an open or closed period of time. Standing Order Validation: [0..n] if static data is not available for different reasons (e.g. "Request out of cut off time") the <StgOrd> element will not displayed.
<Amt>		Amount Mandatory A2A	Validation: [1..1]
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency Mandatory A2A	Number of monetary units specified in a currency where the unit of currency is implied by the context. totalDigits = 18 fractionDigits = 5 Standing Order (EUR) Validation: [1..1] in PM only 2 fraction digits are possible Standing Order used by both Credit and Debit Indicator
</Amt>		End of Amount Mandatory A2A	End of Amount Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory A2A	CRDT = Credit Operation is an increase. DBIT = Debit Operation is a decrease. Validation: [1..1] always Credit Indicator
<Frqcy>		Frequency Mandatory A2A	ADHO = Adhoc Event takes place on request or as necessary. DAIL = Daily Event takes place every day. INDA = IntraDay Event takes place several times a day. MIAN = SemiAnnual Event takes place every six months or two times a year. MNTH = Monthly Event takes place every month or once a month. QURT = Quarterly Event takes place every three months or four times a year. WEEK = Weekly Event takes place once a week. YEAR = Annual Event takes place every year or once a year. OVNG = Overnight Even takes place overnight Validation: *****[1..1] differs from the cash management standard this tag should be mandatory in PM, it is needed to define nighttime and daytime processing

name of attribute	format	short description	description
			DAIL = Standing Order for Daytime - Processing OVNG = new code Standing Order for nighttime - Processing
<AssoctdPoolAcct>		Associated Pool Account	Associated Pool Account
			The Liquidity transfer origin or destination account within the pool of accounts under management of the requestor
		Mandatory	Validation:
		A2A	[1..1] information to which credited account the standing order refers to
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Validation:
		A2A	[1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. credited account number (sub account number)
		Mandatory	Validation:
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation:
		A2A	[1..1]
</AssoctdPoolAcct>		End Associated Pool Account	End Associated Pool Account
		Mandatory	Validation:
		A2A	[1..1]
</StgOrdr>		End of Standing Order	End of Standing Order
		Optional	Validation:
		A2A	[0..n]
</Acct>		End of Account	End of Account
		Mandatory	Validation:
		A2A	[1..1]
</AcctRpt>		End of AccountReport	End of AccountReport
		Mandatory	Validation:
		A2A	[1..1]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<OpriErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes
		Mandatory	Validation:

name of attribute	format	short description	description	
		A2A	[1..1]	
<Err>		Error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation:	
		A2A	[1..1]	
</Err>		End error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
				D
			Validation:	
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Optional	Validation:	
		A2A	[0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation:	
		A2A	[1..1]	
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
		Mandatory	Validation:	
		A2A		
</RtrAcct>		End of Message Type		M
		Mandatory	Validation:	
		A2A		

Error Codes:

ReturnAccount_PM_1

Scope: ReturnAccount: response to a RTGS main account, with all possible balance types. RTGS main account without standing order liquidity transfer.

Message Type

Message Identification	<MsgId>
Identification	<Id>ABC1234569</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABC17282991</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE67123456789122345678</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Proprietary Data type	<Tp>SACC</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
MultilateralBalance	<MulBal>
Amount	<Amt>222000000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>OPNG</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>STLD</Sts>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>28000000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>LTSF</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>STLD</Sts>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>27300000.00</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>DBIT</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>STLD</Sts>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>40000000.00</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>DBIT</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>PDNG</Sts>
End of MultilateralBalance	</MulBal>

<RtrAcct>

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MultilateralBalance	<MulBal>	
Amount	<Amt>77300000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRDT</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>STLD</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>22000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRDT</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>PDNG</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>300000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRRT</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>STLD</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>320000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>AVLB</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>STLD</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>304000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>XPCD</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>PDNG</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>10000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>NOTE</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>PDNG</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>15500000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A

ReturnAccount_PM_2

Scope: ReturnAccount: response in the case on behalf of third party. All possible balances and additionally different standing orders liquidity transfer, according to different credit RTGS accounts.

Message Type	<RtrAcct>
Message Identification	<MsgId>
Identification	<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABC17282991</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE67123456789122345678</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Proprietary Data type	<Tp>SACC</Tp>
Account Owner	<AcctOwnr>DRESDEFFXXX</AcctOwnr>
MultilateralBalance	<MulBal>
Amount	<Amt>22000000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>OPNG</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>STLD</Sts>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>28000000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>LTSF</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>STLD</Sts>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>27300000.00</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>DBIT</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>STLD</Sts>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>40000000.00</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>DBIT</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>PDNG</Sts>
End of MultilateralBalance	</MulBal>

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MultilateralBalance	<MulBal>	
Amount	<Amt>77300000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRDT</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>STLD</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>222000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRDT</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>PDNG</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>300000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRRT</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>STLD</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>320000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>AVLB</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>STLD</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>304000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>XPCD</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>PDNG</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>10000000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>NOTE</Cd>	M
End balance type choice	</Tp>	A
BalanceStatusCode	<Sts>PDNG</Sts>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>15500000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A

BalanceTypeCode	<Cd>NOTE</Cd>
End balance type choice	</Tp>
BalanceStatusCode	<Sts>PDNG</Sts>
End of MultilateralBalance	</MulBal>
StandingOrder	<StgOrdr>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>8000000.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Frequency	<Frqcy>OVNG</Frqcy>
Associated Pool Account	<AssoctdPoolAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE9000006789122345678</Id>
End of simple Identification Information	</DmstAcct>
End Associated Pool Account	</AssoctdPoolAcct>
End of Standing Order	</StgOrdr>
StandingOrder	<StgOrdr>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>9000000.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Frequency	<Frqcy>DAIL</Frqcy>
Associated Pool Account	<AssoctdPoolAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE6788888789122345678</Id>
End of simple Identification Information	</DmstAcct>
End Associated Pool Account	</AssoctdPoolAcct>
End of Standing Order	</StgOrdr>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End of Message Type	</RtrAcct>

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6. 4.22 ReturnBusinessDayInformation

Cash Management Standard

ReturnBusinessDayInformation_PM

Scope: The ReturnBusinessDayInformation message is used to return information on different types (e. g. information of the SSP operating day, information about the availability of migrated and non-migrated central banks), of administrative data linked to PM.

The connected request is performed by a GetBusinessDayInformation message.

<camt.019.001.xx>

Structure:

Message name ReturnBusinessDayInformation

<RtrBizDayInf>

M

Message Identification

<MsgId>

Identification

<Id>ABC1234568</Id>

End Message Identification

</MsgId>

BusinessQueryReference

<BizQryRef>

QueryReference

<QryRef>ABC123465</QryRef>

End of Query Reference

</BizQryRef>

choice

xorOprlErrBizRpt

OperationalError

<OprlErr>

Error handling

<Err>

Proprietary error code

<Prtry>9999</Prtry>

End error handling

</Err>

A
A
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D

Description

<Desc>General system error</Desc>

End of Operational Error

</OprlErr>

BusinessReport

<BizRpt>

BusinessDayInformationReport

<BizDayInfRpt>

SystemIdentification

<SysId>

choice amongst

xorClrSysIdCtry

CashClearingSystem

<ClrSysId>TGT</ClrSysId>

Country Code

<Ctry>DE</Ctry>

End choice amongst

/xorClrSysIdCtry

End of SystemIdentification

</SysId>

BusinessDayInformation

<BizDayInf>

SystemStatus

<SysSts>

Status

<Sts>CLSD</Sts>

End of SystemStatus

</SysSts>

SystemInformationPerCurrency

<SysInfPerCcy>

SystemCurrency

<SysCcy>EUR</SysCcy>

Event

<Evt>

BalanceTypeCode

<Tp>

ProprietaryEvent

<PrtryEvt>STOD</PrtryEvt>

End of SystemEventTypeChoice

</Tp>

ScheduledTime

<SchlddTm>2007-05-03T18:45:00</SchlddTm>

EffectiveTime

<FctvTm>2002-05-03T18:46:30</FctvTm>

End of Event

</Evt>

End of SystemInformationPerCurrency

</SysInfPerCcy>

End of BusinessDayInformation

</BizDayInf>

End of BusinessDayInformationReport

</BizDayInfRpt>

End of BusinessReport

</BizRpt>

End of choice

/xorOprlErrBizRpt

End Message name ReturnBusinessDayInformation

</RtrBizDayInf>

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Attributes:

name of attribute	format	short description	description
<RtrBizDayInf>		Message name ReturnBusinessDayInformation Mandatory A2A	Message name ReturnBusinessDayInformation Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory A2A	BusinessQueryReference Query message reference. Messages Reference of the related request Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory A2A	QueryReference Specifies a character string with a maximum length of 35 characters. Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory A2A	End of Query Reference Validation: [1..1]
xorOprlErrBizRpt		choice Mandatory A2A	choice amongst <OprlErr> and <BizRpt> Validation:
<OprlErr>		OperationalError Mandatory A2A	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes Validation: [1..1]

name of attribute	format	short description	description	
<Err>		Error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation:	
		A2A	[1..1]	
</Err>		End error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
				D
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Optional	Validation:	
		A2A	[0..1]	
</OpriErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation:	
		A2A	[1..1]	
<BizRpt>		BusinessReport	BusinessReport	
			Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.	
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
<BizDayInfRpt>		Mandatory	Validation:	
		A2A	[1..1]	
		BusinessDayInformationReport	BusinessDayInformationReport	
<SysId>		SystemIdentification	Identification of a particular cash clearing system.	
		Mandatory	Validation:	
		A2A	[1..n]differs from the cash management standard	
xorClrSysIdCtry		choice amongst	choice amongst	
			<ClrSysId> <Ctry>	
		Mandatory	Validation:	
		A2A		

name of attribute	format	short description	description
<ClrSysId>-</ClrSysId>		CashClearingSystem	<p>Specification of a pre-agreed offering between clearing agents or the channel through which the payment instruction is to be processed.</p> <p>Code Code Name Definition ABE = EBAEuro1Step1 Scheme code for EBA Euro1/Step1.</p> <p>ART = Austrian Scheme code for AT (Austria).</p> <p>AVP = NewZealand Scheme code for NZ (New Zealand).</p> <p>AZM = Azerbaijan Scheme code for AZ (Azerbaijan).</p> <p>BAP = BosniaHerzegovina Scheme code for BA (Bosnia and Herzegovina).</p> <p>BEL = Belgium Scheme code for BE (Belgium).</p> <p>BOF = Finland Scheme code for FI (Finland).</p> <p>BOJ = BankOfJapanNet Scheme code for the Bank of Japan clearing system.</p> <p>BRL = Italy Scheme code for IT (Italy).</p> <p>CAD = Canada Scheme code for CA (Canada).</p> <p>CAM = SpainCAM Scheme code for ES (Spain).</p> <p>CBJ = Ireland Scheme code for IE (Ireland).</p> <p>CHP = UnitedKingdom Scheme code for GB (UK).</p> <p>DKC = Denmark Scheme code for DK (Denmark).</p> <p>EBA = EBAEuro1 Scheme code for EBA Euro1.</p> <p>ELS = GermanyELS Scheme code for DE (Germany).</p> <p>ERP = EBASep1 Scheme code for EBA step 1 (members).</p> <p>FDW = Fedwire Scheme code for the US national real time gross settlement system.</p> <p>FEY = ForeignExchangeYenClearing Scheme code for the Foreign Exchange Yen Clearing system (FEYCS). It is the Japanese electronic interbank system for sending guaranteed and unconditional yen payments of FX deals for same day settlement from one settlement bank, on behalf of itself or its customers, to another settlement bank.</p> <p>HRK = Croatia Scheme code for HR (Croatia).</p> <p>HRM = Greece Scheme code for GR (Greece).</p> <p>HUF = Hungary Scheme code for HU (Hungary).</p> <p>LGS = Luxemburg Scheme code for LU (Luxemburg).</p>

name of attribute	format	short description	description
			<p>LVL = Latvia Scheme code for LV (Latvia).</p> <p>MOS = SouthAfrica Scheme code for ZA (South Africa).</p> <p>MUP = Mauritius Scheme code for MU (Mauritius).</p> <p>NOC = Norway Scheme code for NO (Norway).</p> <p>PCH = Switzerland Scheme code for CH (Switzerland).</p> <p>PDS = Australia Scheme code for AU (Australia).</p> <p>PEG = Egypt Scheme code for EG (Egypt).</p> <p>PNS = FrancePNS Scheme code for FR (France).</p> <p>PVE = Venezuela Scheme code for Ve (Venezuela).</p> <p>RTP = GermanyRTGSPlus Scheme code for DE (Germany).</p> <p>SEC = SwedenSEC Scheme code for SE (Sweden).</p> <p>SIT = Slovenia Scheme code for SI (Slovenia).</p> <p>SLB = SpainES Scheme code for ES (Spain).</p> <p>SPG = Portugal Scheme code for PT (Portugal).</p> <p>SSK = SwedenSSK Scheme code for SE (Sweden).</p> <p>TBF = FranceFR Scheme code for FR (France).</p> <p>TGT = Target Scheme code for Target.</p> <p>TOP = Netherlands Scheme code for NL (Netherlands).</p> <p>XCT = EBASep2 Scheme code for EBA step 2.</p> <p>ZEN = Zengin Scheme code for the Zengin system. The electronic payment system for domestic third party transfers managed by the Tokyo Bankers Association.</p> <p>used for the current information about the status of the SSP operating day</p>
		Mandatory	Validation:
		A2A	[1..1] only TGT = Clearing Code for SSP is used
<Ctry>-</Ctry>	2!a	Country Code	<p>Country in which the system is located.</p> <p>The code is checked against the list of country names obtained from the United Nations (ISO 3166, Alpha-2 code).</p> <p>CountryCode of migrated or non migrated CB</p>
		Mandatory	Validation:
		A2A	[1..1]

name of attribute	format	short description	description
/xorClrSysIdCtry		End choice amongst	end choice amongst <ClrSysId> <Ctry>
		Mandatory A2A	Validation:
</SysId>		End of SystemIdentification	End of SystemIdentificationChoice
		Mandatory A2A	Validation: [1..n]
<BizDayInf>		BusinessDayInformation	The requested business information.
		Mandatory A2A	Validation: [1..1] BusinessError is not used
<SysSts>		SystemStatus	Status of a system and the period of time during which the status is valid.
		Optional A2A	Validation: [0..1] ValidityTime not used
<Sts>-</Sts>	4!x	Status	Current status of a system. ACTV = Active System is functioning normally, ie, operational. SUSP = Suspended System is exceptionally suspended, ie, not operational (used for stop sending) CLSD = Closed System is closed (eg, normal closure of a RTGS) CLSG = Closing System needs to wait for completion of intermediate interal activities before going to a status closed Availability of migrated or non migrated CB
		Mandatory A2A	Validation: [1..1] CLSD" (normal closure of a RTGS system) = not active "ACTV":System is functioning normally, ie, operational = open "SUSP": used to notify exceptional situations of unavailability and is also used for STOP SENDING, status only for non migrated CB's
</SysSts>		End of SystemStatus	End of SystemStatus
		Optional A2A	Validation: [0..1]
<SysInfPerCcy>		SystemInformationPerCurren- ncy	Information relating to system operations and foreseen events relating to the operation of the system. Set of integrated applications that provides centralised services such as clearing, netting, reconciliation, trading and/or settlement.
		Optional A2A	Validation: *****[0..1] differs from the cash management standard
<SysCcy>		SystemCurrency	SystemCurrency Currency which may be processed by the system. A system may process transactions in a single currency or in multiple currencies.

name of attribute	format	short description	description
			Code allocated to a currency, by a maintenance agency, under an international identification scheme as described in the latest edition of the international standard ISO 4217 "Codes for the representation of currencies and funds". Valid currency codes are registered with the ISO 4217 Maintenance Agency, and consist of three contiguous letters. Standard EUR Validation: [1..1] only EUR possible
<Evt>		Event	Detailed information about an event occurring on a system, whether planned, eg, cut-off time for a specific type of eligible transfer, or unplanned, eg, an unsolicited failure, as stipulated in the specifications of the system.
		Mandatory A2A	Validation: *****[1..13]differs from the cash management standard
<Tp>		BalanceTypeCode	Nature of the event that has occurred.
		Mandatory A2A	Validation: [1..1] only PrtryEvt is used
<PrtryEvt>		ProprietaryEvent	Type of event, expressed as free text or a bilaterally agreed code. Common SSP-events
		Mandatory A2A	Validation: [1..1] Start of Day = STOD Start of Provisioning of Liquidity = STOL Start of Setting aside Liquidity and settlement of AS overnight business = SOAS SSP closed = SSCL Continuing of Setting aside Liquidity and Settlement of AS overnight business = CSAS Start of Business Window to prepare daylight Operation = STBW Start of DayTrade Phase = STDT Cut-off customer payments = COCP Cut-off for Cash Reservation = COCR Cut-off for Bank to Bank Payments = COBP Start of end of day processing = SEOD (in case the effective event time will be displayed, the SchdldTm and FctvTm will include the same time indication) Cut-Off for Message Input Cut-off for use of standing facilities = COSF
</Tp>		End of SystemEventTypeChoice	
		Mandatory A2A	Validation: [1..1]
<SchdldTm>-</SchdldTm>	ISODateTime	ScheduledTime	Date and time at which the event is foreseen to occur. standard Times of the common SSP-events
		Mandatory A2A	Validation: [1..1]
<FctvTm>-</FctvTm>	ISODateTime	EffectiveTime	Date and time at which the event effectively takes place. current business day, displays the real time when the event took place
		Optional A2A	Validation: [0..1] only displayed if the requestor is a CB user. Information of the current business day the "real time" when the event took place.
</Evt>		End of Event	End of detailed information about an event occurring on a system, whether planned, eg, cut-off time for a specific type of eligible transfer, or unplanned, eg, an unsolicited

name of attribute	format	short description	description
			failure, as stipulated in the specifications of the system.
		Mandatory	Validation:
		A2A	[1..12]
</SysInfPerCcy>		End of SystemInformationPerCurrency	End of SystemInformationPerCurrency
		Optional	Validation:
		A2A	[0..1]
</BizDayInf>		End of BusinessDayInformation	End of BusinessDayInformation
		Mandatory	Validation:
		A2A	[1..1]
</BizDayInfRpt>		End of BusinessDayInformationReport	End of BusinessDayInformationReport
		Mandatory	Validation:
		A2A	[1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
/xorOprlErrBizRpt		End of choice	end of choice amongst <OprlErr> and <BizRpt>
		Mandatory	Validation:
		A2A	
</RtrBizDayInf>		End Messagename ReturnBusinessDayInformation	
		Mandatory	Validation:
		A2A	

M

Error Codes:

ReturnBusinessDayInformation_PM_1

Scope: ReturnBusinessDayInformation response with all information about the availability of CB and the SSP Operating day.
Requestor is a non CB user.

MessageName ReturnBusinessDayInformation

<RtrBizDayInf>

M

Message Identification	<MsgId>
Identification	<Id>ABCDEFGHJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABC123465</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
CashClearingSystem	<ClrSysId>TGT</ClrSysId>
End of SystemIdentification	</SysId>
BusinessDayInformation	<BizDayInf>
SystemInformationPerCurrency	<SysInfPerCcy>
SystemCurrency	<SysCcy>EUR</SysCcy>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STOD</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchdldTm>2007-05-04T18:45:00</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STOL</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchdldTm>2007-05-04T19:00:00</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>SOAS</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>SSCL</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>CSAS</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchdldTm>2007-05-05T05:00:00</SchdldTm>
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Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STBW</PrtryEvt>
End of SystemEventTypeChoice	</Tp>

ScheduledTime	<SchdldTm>2007-05-05T06:45:00</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STDT</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchdldTm>2007-05-05T07:00:00</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COCPC</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchdldTm>2007-05-05T17:00:00</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COCR</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchdldTm>2007-05-05T17:07:30</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COBP</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>SEOD</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchdldTm>2007-05-05T18:07:30</SchdldTm>
EffectiveTime	<FctvTm>2007-05-05T18:07:30</FctvTm>
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BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COMI</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COSF</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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End of SystemInformationPerCurrency	</SysInfPerCcy>
End of BusinessDayInformation	</BizDayInf>
End of BusinessDayInformationReport	</BizDayInfRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>AT</Ctry>
End of SystemIdentification	</SysId>

BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
Status	<Sts>ACTV</Sts>
End of SystemStatus	</SysSts>
End of BusinessDayInformation	</BizDayInf>
End of BusinessDayInformationReport	</BizDayInfRpt>
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Country Code	<Ctry>CY</Ctry>
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BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
Status	<Sts>SUSP</Sts>
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Country Code	<Ctry>CZ</Ctry>
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BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
Status	<Sts>ACTV</Sts>
End of SystemStatus	</SysSts>
End of BusinessDayInformation	</BizDayInf>
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SystemIdentification	<SysId>
Country Code	<Ctry>DE</Ctry>
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BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
Status	<Sts>CLSD</Sts>
End of SystemStatus	</SysSts>
End of BusinessDayInformation	</BizDayInf>
End of BusinessDayInformationReport	</BizDayInfRpt>
End of BusinessReport	</BizRpt>
End Messagename	</RtrBizDayInf>
ReturnBusinessDayInformation	

ReturnBusinessDayInformation_PM_2

Scope: ReturnBusinessDayInformation response with all information about the availability of CB and the SSP Operating day.
Requestor is a CB.

MessageName ReturnBusinessDayInformation

<RtrBizDayInf>

M

Message Identification	<MsgId>
Identification	<Id>ABC12356</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABC123465</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
CashClearingSystem	<ClrSysId>TGT</ClrSysId>
End of SystemIdentification	</SysId>
BusinessDayInformation	<BizDayInf>
SystemInformationPerCurrency	<SysInfPerCcy>
SystemCurrency	<SysCcy>EUR</SysCcy>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STOD</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchlddTm>2007-05-04T18:45:00</SchlddTm>
EffectiveTime	<FctvTm>2007-05-04T18:46:30</FctvTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STOL</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchlddTm>2007-05-04T19:00:00</SchlddTm>
EffectiveTime	<FctvTm>2007-05-04T18:46:30</FctvTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>SOAS</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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End of SystemEventTypeChoice	</Tp>
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ProprietaryEvent	<PrtryEvt>CSAS</PrtryEvt>
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End of Event	</Evt>

Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STBW</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>STDT</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchlddTm>2007-05-05T07:00:00</SchlddTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COCPC</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchlddTm>2007-05-05T17:00:00</SchlddTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COCR</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchlddTm>2007-05-05T17:07:30</SchlddTm>
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Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COBP</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchlddTm>2007-05-05T18:00:00</SchlddTm>
End of Event	</Evt>
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BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>SEOD</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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EffectiveTime	<FctvTm>2007-05-05T18:07:30</FctvTm>
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BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COMI</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
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Event	<Evt>
BalanceTypeCode	<Tp>
ProprietaryEvent	<PrtryEvt>COSF</PrtryEvt>
End of SystemEventTypeChoice	</Tp>
ScheduledTime	<SchlddTm>2007-05-05T18:30:00</SchlddTm>
End of Event	</Evt>
End of SystemInformationPerCurrency	</SysInfPerCcy>
End of BusinessDayInformation	</BizDayInf>
End of BusinessDayInformationReport	</BizDayInfRpt>

BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>AT</Ctry>
End of SystemIdentification	</SysId>
BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
Status	<Sts>ACTV</Sts>
End of SystemStatus	</SysSts>
End of BusinessDayInformation	</BizDayInf>
End of BusinessDayInformationReport	</BizDayInfRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>CY</Ctry>
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BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
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End of SystemStatus	</SysSts>
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End of BusinessDayInformationReport	</BizDayInfRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>CZ</Ctry>
End of SystemIdentification	</SysId>
BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
Status	<Sts>ACTV</Sts>
End of SystemStatus	</SysSts>
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End of BusinessDayInformationReport	</BizDayInfRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>DE</Ctry>
End of SystemIdentification	</SysId>
BusinessDayInformation	<BizDayInf>
SystemStatus	<SysSts>
Status	<Sts>CLSD</Sts>
End of SystemStatus	</SysSts>
End of BusinessDayInformation	</BizDayInf>
End of BusinessDayInformationReport	</BizDayInfRpt>
End of BusinessReport	</BizRpt>
End Messagename ReturnBusinessDayInformation	</RtrBizDayInf>

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6. 4.23 ReturnCreditLine

SSP Proprietary Messages

ReturnCreditLine_PM

Scope: The ReturnCreditLine message is used to return information on the credit line currently available on the

- RTGS account
- ~~proprietary home account (if the related CB supports the interface to ICM).~~

The connected request is performed by a GetCreditLine message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

choice

BusinessReport

Credit Line Report

CreditLineIdentification

Account Owner

End Credit Line Identification

Credit Details

Amount without currency

End Credit Details

End of Credit Line Report

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End choice

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<Rltd>

<Ref>BN45</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnCreditLine</Tp>

<SspPrtryDt>

xorBizRptOprlErr

<BizRpt>

<CrdtLnRpt>

<CrdtId>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</CrdtId>

<CrdtDtls>

<AmtWthtCcy>30000.00</AmtWthtCcy>

</CrdtDtls>

</CrdtLnRpt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>9999</Prtry>

</Err>

<Desc>General system error</Desc>

</OprlErr>

/xorBizRptOprlErr

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
			Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<Rltd>		Related	References a previously received message.	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
			Message Identification of the initiating Get Message (here GetCreditLine)	
		Mandatory	Validation:	
		A2A	[1..1]	
</Rltd>		End of Related	End of Related	M
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	

name of attribute	format	short description	description
			DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only ReturnCreditLine is possible
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		choice	choice amongst BizRpt und OprlErr
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
<BizRpt>		BusinessReport	BusinessReport
			Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
		A2A	[1..1]

name of attribute	format	short description	description
<CrdtLnRpt>		Credit Line Report	Credit Line Report <CrdtId> <CrdtDtIs>
		Mandatory A2A	Validation: [1..1]
<CrdtId>		CreditLineIdentification	CreditLineIdentification free format tag
		Mandatory A2A	Validation: [1..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. BIC of the requested RTGS main account
		Mandatory A2A	Validation: [1..1]
</CrdtId>		End Credit Line Identification	End Credit Line Identification free format tag
		Mandatory A2A	Validation: [1..1]
<CrdtDtIs>		Credit Details	Credit Details free format tag
		Mandatory A2A	Validation: [1..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context. The integer part of Amount must contain at least one digit. The decimal separator is a dot '.'. It is not mandatory but included in the maximum length. The number of digits following the dot must not exceed the maximum number allowed for that specific currency as specified in ISO 4217. Current Credit Line (EUR)
		Mandatory A2A	Validation: [1..1] in PM only 2 fraction digits are possible
</CrdtDtIs>		End Credit Details	End Credit Details
		Mandatory A2A	Validation: [1..1]
</CrdtLnRpt>		End of Credit Line Report	end of Credit Line Report
		Mandatory A2A	Validation: [1..1]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory A2A	Validation: [1..1]

name of attribute	format	short description	description	
<OprlErr>		OperationalError	<p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.</p> <p>Separate Specification see UDFS books regarding error codes</p>	
		Mandatory	Validation:	
		A2A	[1..1]	
<Err>		Error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation:	
		A2A	[1..1]	
</Err>		End error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
				D
			Validation:	
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Optional	Validation:	
		A2A	[0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation:	
		A2A	[1..1]	
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
		Mandatory	Validation:	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation:	
		A2A	[1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

name of attribute	format	short description	description
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A2A

Error Codes:

ReturnCreditLine_PM_1

Scope: Sample: ReturnCreditLine

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

BusinessReport

Credit Line Report

CreditLineIdentification

Account Owner

End Credit Line Identification

Credit Details

Amount without currency

End Credit Details

End of Credit Line Report

End of BusinessReport

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123687</Ref>

</MsgId>

<Rltd>

<Ref>GHIJKLMN12345</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnCreditLine</Tp>

<SspPrtryDt>

<BizRpt>

<CrdtLnRpt>

<CrdtId>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</CrdtId>

<CrdtDtIs>

<AmtWthtCcy>30000.00</AmtWthtCcy>

</CrdtDtIs>

</CrdtLnRpt>

</BizRpt>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 4.24 ReturnLimit

Cash Management Standard

ReturnLimit_PM

Scope: The ReturnLimit message is used to return information about

- a bilateral limit (current or standing order limit) defined vis-à-vis
 - an other direct PM participant
 - a virtual group of accounts (definition and change of limits, possible for the whole group only, not for single account holder)
- the multilateral limit (current or standing order limit) defined vis-à-vis all direct PM participants and virtual group of accounts without a bilateral limit.

The connected request is performed by a GetLimit message.

<camt.010.001.xx>

Structure:

Message ReturnLimit

Message Identification	<MsgId>
Identification	<Id>ABC123456</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHIJKLMNQRSTUWXYZabcdefghi</QryRef>
End of Query Reference	</BizQryRef>
choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
CurrentLimit	<CurLmt>
LimitIdentification	<LmtId>
BilateralLimitCounterpartyId	<BilLmtCtrPtyId>
BIC	<BIC>DEUTDEFFXXX</BIC>
End of BilateralLimitCounterpartyId	</BilLmtCtrPtyId>
Limit Type Code	<Tp>BILI</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Limit Identification	</LmtId>
Limit	<Lmt>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>5000000.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
End of Limit	</Lmt>
End of Current Limit	</CurLmt>
LiquidityManagementDefaultLimit	<DfltLmt>
LimitIdentification	<LmtId>
BilateralLimitCounterpartyId	<BilLmtCtrPtyId>
BIC	<BIC>DEUTDEFFXXX</BIC>
End of BilateralLimitCounterpartyId	</BilLmtCtrPtyId>
Limit Type Code	<Tp>MULT</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Limit Identification	</LmtId>
Limit	<Lmt>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>6000000.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
End of Limit	</Lmt>

End of liquidity management default limit.	</DfltLmt>	
End of BusinessReport	</BizRpt>	
OperationalError	<OpriErr>	
Error handling	<Err>	A
Proprietary error code	<Prtry>9999</Prtry>	A
End error handling	</Err>	A
		D
Description	<Desc>General system error</Desc>	
End of Operational Error	</OpriErr>	
End choice	/xorBizRptOpriErr	
End Messagename ReturnLimit	</RtrLmt>	M

Attributes:

name of attribute	format	short description	description
<RtrLmt>		Messagename ReturnLimit	Messagename ReturnLimit
		Mandatory	Validation:
		A2A	
<MsgId>		Message Identification	Message business identification
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.
		Mandatory	Validation:
		A2A	[1..1]
<Id>-</Id>	35x	Identification	Identification
			String of characters that uniquely identifies a message.
		Mandatory	Validation:
		A2A	[1..1]
</MsgId>		End Message Identification	End of Message Identification
		Mandatory	Validation:
		A2A	[1..1]
<BizQryRef>		BusinessQueryReference	BusinessQueryReference
			Query message reference. Messages Reference of the related request
		Mandatory	Validation:
		A2A	[1..1]
<QryRef>-</QryRef>	35x	QueryReference	Unique and unambiguous identification of the query.
			[1..1]
		Mandatory	Validation:
		A2A	[1..1]
</BizQryRef>		End of Query Reference	End of Query Reference
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		choice	choice amongst BizRpt und OprlErr
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
<BizRpt>		BusinessReport	BusinessReport
			Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1]
<CurLmt>		CurrentLimit	CurrentLimit
		Optional	Validation:
		A2A	[0..n]
<LmtId>		LimitIdentification	Identification of the limit on which information is requested.
		Mandatory	Validation:
		A2A	[1..1]
<BilLmtCtrPtyId>		BilateralLimitCounterpartyId	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system.
		Optional	Validation:
		A2A	[0..1] Counterpart is filled in the case of an asked Bilateral Limit,
<BIC>-</BIC>	11x	BIC	BICIdentifier
			Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.
		Mandatory	Validation:
		A2A	[1..1]
</BilLmtCtrPtyId>		End of BilateralLimitCounterpartyId	End ofBilateralLimitCounterpartyIdentification
		Optional	Validation:
		A2A	[0..1]
<Tp>-</Tp>		Limit Type Code	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to ist indirect participant. The limit represents the maximum amount the indirect participant can use to settle ist operations.</p>

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name of attribute	format	short description	description
			<p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p> <p>for current Limit</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] only BILI and MULT is needed in PM</p>
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	<p>BICIdentifier</p> <p>e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.</p> <p>BIC RTGS main account</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: *****[1..1]differs from the cash management standard</p>
</LmtId>		End of Limit Identification	<p>End of Limit Identification</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1]</p>
<Lmt>		Limit	<p>The requested information on the limit.</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] BusinessError is not used</p>
<Amt>		Amount	<p>Current Value (EUR), Current Limit Position</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1]</p>
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	<p>Number of monetary units specified in a currency where the unit of currency is implied by the context.</p> <p>totalDigits = 18</p> <p>fractionDigits = 5</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] In PM only 2 fraction digits are possible</p>
</Amt>		End of Amount	<p>End of Amount</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1]</p>
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	<p>CRDT = Credit Operation is an increase.</p> <p>DBIT = Debit Operation is a decrease.</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] only debit is possible in PM</p>
</Lmt>		End of Limit	<p>End of Limit</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1]</p>
</CurLmt>		End of Current Limit	<p>End of Current Limit</p>

name of attribute	format	short description	description
		Optional	Validation:
		A2A	[0..n]
<DfltLmt>		LiquidityManagementDefaultLimit	Report is given for a default liquidity management type limit. Cash management feature limiting the amount of liquidity needed to perform clearing and settlement operations. At any point in time during the process, the limit imposes the maximum amount of liquidity available for operations concerning the system or other managed elements, eg, transaction amount or counterparty.
		Optional A2A	Validation: [0..n]
<LmtId>		LimitIdentification	Identification of the limit on which information is requested.
		Mandatory A2A	Validation: [1..1]
<BilLmtCtrPtyId>		BilateralLimitCounterpartyId	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system.
		Optional A2A	Validation: [0..1] Counterpart is filled in the case of an asked Bilateral Limit.
<BIC>-</BIC>	11x	BIC	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.
		Mandatory A2A	Validation: [1..1]
</BilLmtCtrPtyId>		End of BilateralLimitCounterpartyId	End ofBilateralLimitCounterpartyIdentification
		Optional A2A	Validation: [0..1]
<Tp>-</Tp>		Limit Type Code	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the</p>

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name of attribute	format	short description	description
			<p>multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to ist indirect participant. The limit represents the maximum amount the indirect participant can use to settle ist operations.</p> <p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p> <p>for Limits defined (Standing Order)</p> <p>Mandatory</p> <p>A2A</p> <p>Validation: [1..1] only BILI and MULT is needed in PM,</p>
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	<p>BICIdentifier</p> <p>e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.</p> <p>BIC of the RTGS main account</p> <p>Validation: *****[1..1] differs from the cash management standard</p>
		Mandatory	
		A2A	
</LmtId>		End of Limit Identification	End of Limit Identification
		Mandatory	Validation:
		A2A	[1..1]
<Lmt>		Limit	The requested information on the limit.
		Mandatory	Validation:
		A2A	[1..1]
<Amt>		Amount	
		Mandatory	Validation:
		A2A	[1..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	<p>Number of monetary units specified in a currency where the unit of currency is implied by the context.</p> <p>totalDigits = 18</p> <p>fractionDigits = 5</p> <p>Defined Limit (EUR)</p> <p>Validation: [1..1] In PM only 2 fraction digits are possible</p>
		Mandatory	
		A2A	
</Amt>		End of Amount	End of Amount
		Mandatory	Validation:
		A2A	[1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	<p>CRDT = Credit Operation is an increase.</p> <p>DBIT = Debit Operation is a decrease.</p> <p>Validation:</p>
		Mandatory	

name of attribute	format	short description	description	
		A2A	[1..1] only debit is used in PM for Limits	
</Lmt>		End of Limit	End of Limit	
		Mandatory	Validation:	
		A2A	[1..1]	
</DfltLmt>		End of liquidity management default limit.	End of liquidity management default limit.	
		Optional	Validation:	
		A2A	[0..n]	
</BizRpt>		End of BusinessReport	End of BusinessReport	
		Mandatory	Validation:	
		A2A	[1..1]	
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.	
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
			Separate Specification see UDFS books regarding error codes	
		Mandatory	Validation:	
		A2A	[1..1]	
<Err>		Error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation:	
		A2A	[1..1]	
</Err>		End error handling		A
		Mandatory	Validation:	
		A2A	[1..1]	
			Validation:	D
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Optional	Validation:	
		A2A	[0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation:	
		A2A	[1..1]	
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not	

name of attribute	format	short description	description
			present, then OperationalError is mandatory.
		Mandatory	Validation: End of choice BizRpt und OprlErr
</RtrLmt>		End Messagename ReturnLimit Mandatory A2A	Validation:

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Error Codes:

ReturnLimit_PM_1

Scope: Return Limit response for current multilateral limit

MessageName ReturnLimit

Message Identification

Identification

End Message Identification

BusinessQueryReference

QueryReference

End of Query Reference

BusinessReport

CurrentLimit

LimitIdentification

Limit Type Code

Account Owner

End of Limit Identification

Limit

Amount

Amount without currency

End of Amount

Credit or debit indicator

End of Limit

End of Current Limit

End of BusinessReport

End MessageName ReturnLimit

<RtrLmt>

<MsgId>

<Id>ABC123456</Id>

</MsgId>

<BizQryRef>

<QryRef>ABCDEFGHIJKLMNQRSTUWXYZabcdefghi</QryRef>

</BizQryRef>

<BizRpt>

<CurLmt>

<LmtId>

<Tp>MULT</Tp>

<AcctOwnr>DEUTDEFF500</AcctOwnr>

</LmtId>

<Lmt>

<Amt>

<AmtWthtCcy>7000000.00</AmtWthtCcy>

</Amt>

<CdtDbtInd>DBIT</CdtDbtInd>

</Lmt>

</CurLmt>

</BizRpt>

</RtrLmt>

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ReturnLimit_PM_2

Scope: Return Limit response for bilateral Limit standing order (defined limit) of a RTGS Account

Message ReturnLimit

Message Identification	<MsgId>
Identification	<Id>ABC123456</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHIJKLMNQRSTUWXYZabcdefghi</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
LiquidityManagementDefaultLimit	<DfltLmt>
LimitIdentification	<LmtId>
BilateralLimitCounterpartyId	<BilLmtCtrPtyId>
BIC	<BIC>DEUTDEFF</BIC>
End of BilateralLimitCounterpartyId	</BilLmtCtrPtyId>
Limit Type Code	<Tp>BILI</Tp>
Account Owner	<AcctOwnr>DRESDEFF</AcctOwnr>
End of Limit Identification	</LmtId>
Limit	<Lmt>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>8000000.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
End of Limit	</Lmt>
End of liquidity management default limit.	</DfltLmt>
End of BusinessReport	</BizRpt>
End Message ReturnLimit	</RtrLmt>

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ReturnLimit_PM_3

Scope: Return Limit response for standing order multilateral limit

MessageName ReturnLimit

Message Identification
Identification
End Message Identification
BusinessQueryReference
QueryReference
End of Query Reference
BusinessReport
LiquidityManagementDefaultLimit
LimitIdentification
Limit Type Code
Account Owner
End of Limit Identification
Limit
Amount
Amount without currency
End of Amount
Credit or debit indicator
End of Limit
End of liquidity management default limit.
End of BusinessReport

End MessageName ReturnLimit

<RtrLmt>

<MsgId>
| <Id>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</Id>
</MsgId>
<BizQryRef>
| <QryRef>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</QryRef>
</BizQryRef>
<BizRpt>
| <DfltLmt>
| <LmtId>
| | <Tp>MULT</Tp>
| | <AcctOwnr>DEUTDEFFXXX</AcctOwnr>
| </LmtId>
| <Lmt>
| | <Amt>
| | | <AmtWthtCcy>5000000.00</AmtWthtCcy>
| | </Amt>
| | <CdtDbtInd>DBIT</CdtDbtInd>
| </Lmt>
| </DfltLmt>
</BizRpt>

</RtrLmt>

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M

ReturnLimit_PM_4

Scope: Return Limit response for bilateral Limit standing order (defined limit) of a RTGS Account

Messagename ReturnLimit

Message Identification

Identification

End Message Identification

BusinessQueryReference

QueryReference

End of Query Reference

BusinessReport

CurrentLimit

LimitIdentification

Limit Type Code

Account Owner

End of Limit Identification

Limit

Amount

Amount without currency

End of Amount

Credit or debit indicator

End of Limit

End of Current Limit

End of BusinessReport

End Messagename ReturnLimit

<RtrLmt>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</Id>

</MsgId>

<BizQryRef>

<QryRef>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</QryRef>

</BizQryRef>

<BizRpt>

<CurLmt>

<LmtId>

<Tp>MULT</Tp>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</LmtId>

<Lmt>

<Amt>

<AmtWthtCcy>6000000.00</AmtWthtCcy>

</Amt>

<CdtDbtInd>DBIT</CdtDbtInd>

</Lmt>

</CurLmt>

</BizRpt>

</RtrLmt>

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6. 4.25 ReturnReservation

Cash Management Standard

ReturnReservation_PM

Scope: The ReturnReservation message is used to return information about

- the highly-urgent reserve (current or standing order)
- the urgent reserve (current or standing order) to an
- other direct PM participant
- a virtual group of accounts (reservation of liquidity for the whole group only. Not for single account holder)

The connected request is performed by a GetReservation message.

<camt.047.001.xx>

Structure:

Message name for ReturnReservation

<RtrRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABCDabcd1234</Id>

End Message Identification

</MsgId>

BusinessQueryReference

<BizQryRef>

QueryReference

<QryRef>XYZxyz987</QryRef>

End of Query Reference

</BizQryRef>

choice

xorBizRptOpriErr

BusinessReport

<BizRpt>

CurrentReservation

<CurRsvatn>

Reservationidentification

<RsvatnId>

ReservationTypeCode

<Tp>HPAR</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of Reservationidentification

</RsvatnId>

Reservation

<Rsvatn>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>500.00</AmtWthtCcy>

End of Amount

</Amt>

End of Reservation

</Rsvatn>

End of CurrentReservation

</CurRsvatn>

DefaultReservation

<DfltRsvatn>

Reservationidentification

<RsvatnId>

ReservationTypeCode

<Tp>HPAR</Tp>

Account Owner

<AcctOwnr>DRESDEFFXXX</AcctOwnr>

End of Reservationidentification

</RsvatnId>

Reservation

<Rsvatn>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>500.00</AmtWthtCcy>

End of Amount

</Amt>

End of Reservation

</Rsvatn>

End of DefaultReservation

</DfltRsvatn>

End of BusinessReport

</BizRpt>

OperationalError

<OpriErr>

Error handling

<Err>

Proprietary error code

<Prtry>9999</Prtry>

End error handling

</Err>

Description

<Desc>General system error</Desc>

End of Operational Error

</OpriErr>

M

A
A
A
D

End choice

End of message name for ReturnReservation

| /xorBizRptOpriErr
</RtrRsvatn>

| M

Attributes:

name of attribute	format	short description	description
<RtrRsvatn>		Message name for ReturnReservation Mandatory A2A	Message name for ReturnReservation Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory A2A	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory A2A	QueryReference Specifies a character string with a maximum length of 35 characters. Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory A2A	End of Query Reference Validation: [1..1]
xorBizRptOprlErr		choice Mandatory	choice amongst BizRpt und OprlErr Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation: [1..1]
<BizRpt>		BusinessReport Mandatory A2A	Validation: [1..1]
<CurRsvatn>		CurrentReservation Optional A2A	CurrentReservation Validation: *****[0..2]differs from the cash management standard
<RsvatnId>		Reservationidentification Mandatory	Reservationidentification Validation:

name of attribute	format	short description	description
		A2A	[1..1]
<Tp>-</Tp>		ReservationTypeCode	<p>ReservationTypeCode</p> <p>CARE = CashReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing cash withdrawals.</p> <p>UPAR = UrgentPaymentReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing urgent payments.</p> <p>HPAR = HighlyUrgentPayment reservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing highly urgent payments.</p> <p>NSSR = NetSSSRReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for the settlement of the multilateral cash balance stemming from the Net Security Settlement System.</p> <p>THRE = Threshold for investment Amount above which funds will be destined for investment</p> <p>Mandatory</p> <p>Validation: [1..1] in PM only UPAR and HPAR are used</p>
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	<p>BICIdentifier</p> <p>e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.</p> <p>BIC of the RTGS main account / SSP-Participant</p> <p>Mandatory</p> <p>Validation: *****[1..1]differs from the cash management standard</p>
</RsvatnId>		End of Reservationidentification	<p>end of Reservationidentification</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<Rsvatn>		Reservation	<p>Reservation</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<Amt>		Amount	<p>Mandatory</p> <p>Validation: [1..1]</p>
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	<p>Mandatory</p> <p>Validation: [1..1] in PM only 2 fraction digits are possible</p>
</Amt>		End of Amount	<p>Mandatory</p> <p>Validation: [1..1]</p>
</Rsvatn>		End of Reservation	<p>end of Reservation</p> <p>Mandatory</p> <p>Validation: [1..1]</p>

name of attribute	format	short description	description
</CurRsvatn>		End of CurrentReservation	end of CurrentReservation
		Optional	Validation:
		A2A	[0..2]
<DfltRsvatn>		DefaultReservation	DefaultReservation
		Optional	Validation:
		A2A	*****[0..2]differs from the cash management standard Reservation for standing order
<RsvatnId>		Reservationidentification	Reservationidentification
		Mandatory	Validation:
		A2A	[1..1]
<Tp>-</Tp>		ReservationTypeCode	ReservationTypeCode
			CARE = CashReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing cash withdrawals.
			UPAR = UrgentPaymentReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing urgent payments.
			HPAR = HighlyUrgentPayment reservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing highly urgent payments.
			NSSR = NetSSSRreservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for the settlement of the multilateral cash balance stemming from the Net Security Settlement System.
			THRE = Threshold for investment Amount above which funds will be destined for investment
		Mandatory	Validation:
		A2A	[1..1] in PM only UPAR and HPAR are used
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier
			e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.
			BIC of the RTGS main account / SSP-Participant
</RsvatnId>		Mandatory	Validation:
		A2A	****[1..1] differs from the cash management standard
		End of Reservationidentification	end of Reservationidentification
<Rsvatn>		Mandatory	Validation:
		A2A	[1..1]
		Reservation	Reservation
<Amt>		Mandatory	Validation:
		A2A	[1..1]
		Amount	

name of attribute	format	short description	description
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	
		Mandatory	Validation:
		A2A	[1..1] in PM only 2 fraction digits are possible
</Amt>		End of Amount	
		Mandatory	Validation:
		A2A	[1..1]
</Rsvatn>		End of Reservation	end of Reservation
		Mandatory	Validation:
		A2A	[1..1]
</DfltRsvatn>		End of DefaultReservation	end of DefaultReservation
		Optional	Validation:
		A2A	[0..2]
</BizRpt>		End of BusinessReport	
		Mandatory	Validation:
		A2A	[1..1]
<OprlErr>		OperationalError	Indicates an operational error
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
		A2A	[1..1]
<Err>		Error handling	
		Mandatory	Validation:
		A2A	[1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.
		Mandatory	Validation:
		A2A	[1..1]
</Err>		End error handling	
		Mandatory	Validation:
		A2A	[1..1]
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.
		Optional	Validation:
		A2A	[0..1]
</OprlErr>		End of Operational Error	End of Operational Error
		Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1]
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
</RtrRsvatn>		End of message name for ReturnReservation	end of message name for ReturnReservation
		Mandatory	Validation:
		A2A	

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Error Codes:

ReturnReservation_PM_1

Scope: Return Reservation within current and standing order reservations for urgent payments. Sending party and BIC of the SSP-Participant are identic.

Message name for ReturnReservation

<RtrRsvatn>

M

Message Identification	<MsgId>
Identification	<Id>ABC12358</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>XYZxyz987</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
CurrentReservation	<CurRsvatn>
Reservationidentification	<RsvatnId>
ReservationTypeCode	<Tp>UPAR</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Reservationidentification	</RsvatnId>
Reservation	<Rsvatn>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>7000000.00</AmtWthtCcy>
End of Amount	</Amt>
End of Reservation	</Rsvatn>
End of CurrentReservation	</CurRsvatn>
DefaultReservation	<DfltRsvatn>
Reservationidentification	<RsvatnId>
ReservationTypeCode	<Tp>UPAR</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Reservationidentification	</RsvatnId>
Reservation	<Rsvatn>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>6000000.00</AmtWthtCcy>
End of Amount	</Amt>
End of Reservation	</Rsvatn>
End of DefaultReservation	</DfltRsvatn>
End of BusinessReport	</BizRpt>

End of message name for ReturnReservation

</RtrRsvatn>

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ReturnReservation_PM_2

Scope: Return Reservation within current and standing order reservations for urgent and highly urgent payments. Sending party and BIC of the SSP-Participant are different ("on behalf of scenario").

Message name for ReturnReservation

<RtrRsvatn>

M

Message Identification	<MsgId>
Identification	<Id>ABC123568</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>XYZxyz987</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
CurrentReservation	<CurRsvatn>
Reservationidentification	<RsvatnId>
ReservationTypeCode	<Tp>UPAR</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Reservationidentification	</RsvatnId>
Reservation	<Rsvatn>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>3000000.00</AmtWthtCcy>
End of Amount	</Amt>
End of Reservation	</Rsvatn>
End of CurrentReservation	</CurRsvatn>
CurrentReservation	<CurRsvatn>
Reservationidentification	<RsvatnId>
ReservationTypeCode	<Tp>HPAR</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Reservationidentification	</RsvatnId>
Reservation	<Rsvatn>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>70000000.00</AmtWthtCcy>
End of Amount	</Amt>
End of Reservation	</Rsvatn>
End of CurrentReservation	</CurRsvatn>
DefaultReservation	<DfltRsvatn>
Reservationidentification	<RsvatnId>
ReservationTypeCode	<Tp>UPAR</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Reservationidentification	</RsvatnId>
Reservation	<Rsvatn>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>5000000.00</AmtWthtCcy>
End of Amount	</Amt>
End of Reservation	</Rsvatn>
End of DefaultReservation	</DfltRsvatn>
DefaultReservation	<DfltRsvatn>
Reservationidentification	<RsvatnId>
ReservationTypeCode	<Tp>HPAR</Tp>
Account Owner	<AcctOwnr>DEUTDEFFXXX</AcctOwnr>
End of Reservationidentification	</RsvatnId>
Reservation	<Rsvatn>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>40000000.00</AmtWthtCcy>

End of Amount					</Amt>
End of Reservation					</Rsvatn>
End of DefaultReservation					</DfltRsvatn>
End of BusinessReport					</BizRpt>
End of message name for ReturnReservation					</RtrRsvatn>

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6. 4.26 ReturnSequence

SSP Proprietary Messages

ReturnSequence_PM

Scope: The ReturnSequence message is used to return information about the level out sequence to fund debit balances on single accounts.

The group of accounts manager chooses the sequence of the accounts how they are used to fund debit balances on single accounts. There exist no level out sequence for sub accounts - they are balanced together with the corresponding RTGS account.

The connected request is performed by a GetSequence message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Choice

BusinessReport

sequence report

sequence identification

Account Owner

End sequence identification

sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End sequence details

End sequence report

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End choice

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<Rltd>

<Ref>BN45</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnSequence</Tp>

<SspPrtryDt>

xorBizRptOprlErr

<BizRpt>

<SqncRpt>

<SqncId>

<AcctOwnr>DEUTDEFF</AcctOwnr>

</SqncId>

<SqncDtls>

<Mmbr>

<BIC>DEUTDEFFXXX</BIC>

</Mmbr>

<Sqnc>9</Sqnc>

</SqncDtls>

</SqncRpt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>9999</Prtry>

</Err>

<Desc>General system error</Desc>

</OprlErr>

/xorBizRptOprlErr

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	The reference of the original message, in case this is a duplicate.	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification		
		Mandatory	Validation:	
		A2A	[1..1]	
<Rltd>		Related	References a previously received message.	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	The reference of the original message, in case this is a duplicate. Message Identification of the initiating Get Message (here GetSequence)	
		Mandatory	Validation:	
		A2A	[1..1]	
</Rltd>		End of Related	End of Related	M
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount	

name of attribute	format	short description	description
			GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only ReturnSequence is possible
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		Choice	
		Mandatory	Validation:
<BizRpt>		BusinessReport	BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<SqncRpt>		sequence report	free format tag
		Mandatory	Validation:
		A2A	[1..1]
<SqncId>		sequence identification	free format tag
		Mandatory	Validation:
		A2A	[1..1]
<AcctOwnr>-</AcctOwnr>	11x	Account Owner	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national

name of attribute	format	short description	description
			banking community. BIC of the GoA manager (virtual account) / in case if the CB is acting on behalf, the GoA manager she is responsible for
		Mandatory	Validation:
		A2A	[1..1]
</SqncId>		End sequence identification	free format tag
		Mandatory	Validation:
		A2A	[1..1]
<SqncDtls>		sequence details	free format tag
		Mandatory	Validation:
		A2A	[1..n]
<Mmbr>		Member Participant BIC	free format tag
		Mandatory	Validation:
		A2A	[1..1]
<BIC>-</BIC>	11x	BIC	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. BIC of the participant (RTGS account) which belongs to the group of accounts
		Mandatory	Validation:
		A2A	[1..1]
</Mmbr>		End member Participant BIC	free format tag
		Mandatory	Validation:
		A2A	[1..1]
<Sqnc>-</Sqnc>		sequence	free format tag level out sequence number (rank for levelling out)
		Mandatory	Validation:
		A2A	[1..1]
</SqncDtls>		End sequence details	free format tag
		Mandatory	Validation:
		A2A	[1..1]
</SqncRpt>		End sequence report	free format tag
		Mandatory	Validation:
		A2A	[1..1]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<OpriErr>		OperationalError	Indicates an operational error Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not

name of attribute	format	short description	description	
			present, then OperationalError is mandatory.	
		Mandatory A2A	Validation: [1..1]	
<Err>		Error handling Mandatory A2A	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory A2A	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory A2A	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional A2A	Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory A2A	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End choice Mandatory	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation:	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory A2A	End of SSP Proprietary Data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory A2A	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		Mandatory A2A	Validation:	M

Error Codes:

ReturnSequence_PM_1

Scope:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

BusinessReport

sequence report

sequence identification

Account Owner

End sequence identification

sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End sequence details

sequence details

Member Participant BIC

BIC

End member Participant BIC

sequence

End sequence details

End sequence report

End of BusinessReport

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<Rltd>

<Ref>GH56</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnSequence</Tp>

<SspPrtryDt>

<BizRpt>

<SqncRpt>

<SqncId>

<AcctOwnr>DEUTDEFF</AcctOwnr>

</SqncId>

<SqncDtIs>

<Mmbr>

<BIC>DEUTDE2H264</BIC>

</Mmbr>

<Sqnc>1</Sqnc>

</SqncDtIs>

<SqncDtIs>

<Mmbr>

<BIC>DEUTDE8C871</BIC>

</Mmbr>

<Sqnc>2</Sqnc>

</SqncDtIs>

</SqncRpt>

</BizRpt>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

M

M

6. 4.27 ReturnSettlementInformation (for CBs only)

SSP Proprietary Messages

ReturnSettlementInformation_PM

Scope: The ReturnSettlementInformation message is used to return booking information (debit and credit side) about a single transaction (e.g. payments MT 103, 103+, 202, 204).

The connected request is performed by a GetSettlementInformation message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

choice

BusinessReport

TransactionReport

InstructionReference

Proprietary Reference

End of InstructionReference

Transaction

Creditor

Simple Identification Information

Identification

End of simple Identification Information

BIC

Account Group

Simple Identification Information

Identification

End of simple Identification Information

End of Account Group

Account Central Bank

CountryIdentification

End account Central Bank

End of Creditor

Debtor

Simple Identification Information

Identification

End of simple Identification Information

BIC

Account Group

Simple Identification Information

Identification

End of simple Identification Information

End of Account Group

Account Central Bank

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<Rltd>

<Ref>BN123</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnSettlementInformation</Tp>

<SspPrtryDt>

xorBizRptOprlErr

<BizRpt>

<TxRpt>

<InstrRef>

<PrtryRef>12365</PrtryRef>

</InstrRef>

<Tx>

<Cdtr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

<BIC>DEUTDEFFXXX</BIC>

<AcctGr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

</AcctGr>

<AcctCB>

<Ctry>DE</Ctry>

</AcctCB>

</Cdtr>

<Dbtr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

<BIC>WELADEDUXXX</BIC>

<AcctGr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

</AcctGr>

<AcctCB>

CountryIdentification	<Ctry>IT</Ctry>	
End account Central Bank	</AcctCB>	
End of debtor	</Dbtr>	
End ofTransaction	</Tx>	
End of Transaction Report	</TxRpt>	
End of BusinessReport	</BizRpt>	
OperationalError	<OprlErr>	
Error handling	<Err>	A A A D
Proprietary error code	<Prtry>9999</Prtry>	
End error handling	</Err>	
Description	<Desc>General system error</Desc>	
End of Operational Error	</OprlErr>	
End choice	/xorBizRptOprlErr	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M M
End proprietary message	</PrtryMsg>	

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
			Message Reference	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<Rltd>		Related	References a previously received message.	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
			Message Identification of the initiating Get Message (here GetSettlementInformation)	
		Mandatory	Validation:	
		A2A	[1..1]	
</Rltd>		End of Related	End of Related	M
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	

name of attribute	format	short description	description
			DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only ReturnSettlementInformation is possible
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		choice	choice amongst BizRpt und OprlErr
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
<BizRpt>		BusinessReport	BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<TxRpt>		TransactionReport	
		Mandatory	Validation:
		A2A	[1..1]
<InstrRef>		InstructionReference	InstructionReference
		Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1] only PrtryRef is used
<PrtryRef>-</PrtryRef>	43x	Proprietary Reference	PM Reference (internal, unique and unambiguous identifier of a transaction generated by PM 16x) = SSP-Reference
		Mandatory	Validation:
		A2A	[1..1]
</InstrRef>		End of InstructionReference	
		Mandatory	Validation:
		A2A	[1..1]
<Tx>		Transaction	Requested information on the payment.
		Mandatory	Validation:
		A2A	[1..1]
<Cdtr>		Creditor	Provides details about a system and about a member of a system.
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Optional	Credit Account Sub Account Number
		A2A	Validation: [0..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.
		Mandatory	Validation:
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Optional	Validation:
		A2A	[0..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".
			Credit Account Holder BIC
		Mandatory	Validation:
		A2A	[1..1]
<AcctGr>		Account Group	Account Group in SSP
		Optional	Validation:
		A2A	[0..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Optional	Credit Group of Account ID
		A2A	Validation: [0..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.
		Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Optional	Validation:
		A2A	[0..1]
</AcctGr>		End of Account Group	end account group
		Optional	Validation:
		A2A	[0..1]
<AcctCB>		Account Central Bank	Account Central Bank
		Mandatory	Validation:
		A2A	[1..1]
<Ctry>-</Ctry>	2!c	CountryIdentification	Credit Country Code responsible Central Bank
		Mandatory	Validation:
		A2A	[1..1]
</AcctCB>		End account Central Bank	End account Central Bank
		Mandatory	Validation:
		A2A	[1..1]
</Cdtr>		End of Creditor	
		Mandatory	Validation:
		A2A	[1..1]
<Dbtr>		Debtor	Information about the debtor of a payment.
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Optional	Validation:
		A2A	[0..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.
			Debit Sub Account Number
		Mandatory	Validation:
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Optional	Validation:
		A2A	[0..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".
			Debit Account Holder BIC
		Mandatory	Validation:
		A2A	[1..1]
<AcctGr>		Account Group	Account Group in SSP

name of attribute	format	short description	description
<DmstAcct>		Optional	Validation:
		A2A	[0..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Optional	Debit Group of Accounts ID Validation: [0..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.
		Mandatory	Validation: [1..1]
</DmstAcct>		End of simple Identification Information	
		Optional	Validation: [0..1]
</AcctGr>		End of Account Group	end account group
		Optional	Validation: [0..1]
<AcctCB>		Account Central Bank	Account Central Bank
		Mandatory	Validation: [1..1]
<Ctry>-</Ctry>	2lc	CountryIdentification	Debtor Country Code Responsible Central Bank
		Mandatory	Validation: [1..1]
</AcctCB>		End account Central Bank	End account Central Bank
		Mandatory	Validation: [1..1]
</Dbtr>		End of debtor	
		Mandatory	Validation: [1..1]
</Tx>		End ofTransaction	
		Mandatory	Validation: [1..1]
</TxRpt>		End of Transaction Report	End of Transaction Report
		Mandatory	Validation: [1..1]
</BizRpt>		End of BusinessReport	
		Mandatory	Validation: [1..1]
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.

name of attribute	format	short description	description	
			Separate Specification see UDFS books regarding error codes	
		Mandatory A2A	Validation: [1..1]	
<Err>		Error handling Mandatory A2A	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory A2A	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory A2A	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional A2A	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory A2A	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End choice Mandatory	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation: End choice amongst BusinessReport <BizRpt> OperationalError <OprlErr>	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory A2A	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory A2A	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory A2A	Validation:	M

Error Codes:

ReturnSettlementInformation_PM_1

Scope: Sample ReturnSettlementInformation

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

BusinessReport

TransactionReport

InstructionReference

Proprietary Reference

End of InstructionReference

Transaction

Creditor

Simple Identification Information

Identification

End of simple Identification Information

BIC

Account Group

Simple Identification Information

Identification

End of simple Identification Information

End of Account Group

Account Central Bank

CountryIdentification

End account Central Bank

End of Creditor

Debtor

Simple Identification Information

Identification

End of simple Identification Information

BIC

Account Group

Simple Identification Information

Identification

End of simple Identification Information

End of Account Group

Account Central Bank

CountryIdentification

End account Central Bank

End of debtor

End ofTransaction

End of Transaction Report

End of BusinessReport

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>PMGHIJKLMNOPQRST123456</Ref>

</MsgId>

<Rltd>

<Ref>GHIJKLMN12345</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnSettlementInformation</Tp>

<SspPrtryDt>

<BizRpt>

<TxRpt>

<InstrRef>

<PrtryRef>12365</PrtryRef>

</InstrRef>

<Tx>

<Cdtr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

<BIC>DEUTDEFFXXX</BIC>

<AcctGr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

</AcctGr>

<AcctCB>

<Ctry>DE</Ctry>

</AcctCB>

</Cdtr>

<Dbtr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

<BIC>SOGEFRPPXXX</BIC>

<AcctGr>

<DmstAcct>

<Id>BE671234567891011121314</Id>

</DmstAcct>

</AcctGr>

<AcctCB>

<Ctry>FR</Ctry>

</AcctCB>

</Dbtr>

</Tx>

</TxRpt>

</BizRpt>

</SspPrtryDt>

</PrtryData>

End proprietary message

</PrtryMsg>

| M

6. 4.28 ReturnTransaction

Cash Management Standard

ReturnTransaction_PM

M

Scope: The ReturnTransaction message is used to return information about incoming and/or outgoing payments of a direct PM participant.

The connected request is performed by a GetTransaction message. If the query type "CHNG", "MODF" or "DELD" is used in the GetTransaction message, only new matching items between two similar queries of information about incoming and/or outgoing payments of a direct PM participant will be returned.

Related modules: HAM, PM, SFM

<camt.006.001.xx>

Structure:

Message name for Return Transaction

Message Identification

Identification

End Message Identification

BusinessQueryReference

QueryReference

QueryName

End of Query Reference

choice

BusinessReport

TransactionReport

InstructionReference

Proprietary Reference

End of InstructionReference

Transaction

PaymentTo

Member Identification

BIC

End of Member Identification

End PaymentTo

Payment From

Member Identification

BIC

End of Member Identification

End Payment From

Credit Debit Indicator

Payment

TransactionReference

InstructionStatus

PaymentStatusCode

choice

PendingStatus

FinalStatus

End of choice

End PaymentStatusCode

PaymentInstructionStatusDateTime

DateTime

End PaymentInstructionStatusDateTime

PaymentInstructionStatusReason

ProprietaryRejectionReason

<RtrTx>

<MsgId>

<Id>ABCDEFGHIJKLMNQRSTUvwxyzabcdefghi</Id>

</MsgId>

<BizQryRef>

<QryRef>ABCDEFGHIJKLMNQRST12345678</QryRef>

<QryNm>ABC12345</QryNm>

</BizQryRef>

xorBizRptOprlErr

<BizRpt>

<TxRpt>

<InstrRef>

<PrtryRef>12345</PrtryRef>

</InstrRef>

<Tx>

<PmtTo>

<Mmbld>

<BIC>MARKDEFFXXX</BIC>

</Mmbld>

</PmtTo>

<PmtFr>

<Mmbld>

<BIC>DRESDEFFXXX</BIC>

</Mmbld>

</PmtFr>

<CdtDbtInd>CRDT</CdtDbtInd>

<Pmt>

<TxRef>kskal123</TxRef>

<InstrSts>

<PmtInstrSts>

xorPdgStsFnlSts

<PdgSts>STLE</PdgSts>

<FnlSts>RJTD</FnlSts>

/xorPdgStsFnlSts

</PmtInstrSts>

<PmtInstrStsDtTm>

<DtTm>2002-07-21T08:35:30</DtTm>

</PmtInstrStsDtTm>

<PmtInstrStsRsn>

<PrtryRjctnRsn>

M

M

ProprietaryStatusReasonCode	<PrtryStsRsn>0004</PrtryStsRsn>
Reason	<Rsn>ABCBV4899</Rsn>
End of ProprietaryRejectionReason	</PrtryRjctnRsn>
End of PaymentInstructionStatusReason	</PmtInstrStsRsn>
End of InstructionStatusSearch	</InstrSts>
InstructedAmount	<InstdAmt>
Amount without currency	<AmtWthtCcy>500.00</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>103</FINMT>
End of Payment Method	</PmtMtd>
Priority	<Prty>
Priority Code	<Cd>NORM</Cd>
End Priority	</Prty>
ProcessingValidityTime	<PrcgVldtyTm>
choice	xorFrDtTmToDtTmDtTmRg
FromDateTime	<FrDtTm>2006-07-21T08:35:30</FrDtTm>
ToDateTime	<ToDtTm>2004-07-21T08:35:30</ToDtTm>
DateTimeRange	<DtTmRg>
FromDateTime	<FrDtTm>2006-07-21T08:35:30</FrDtTm>
ToDateTime	<ToDtTm>2004-07-21T08:35:30</ToDtTm>
End of DateTimeRange	</DtTmRg>
End of choice	/xorFrDtTmToDtTmDtTmRg
End of ProcessingValidityTime	</PrcgVldtyTm>
InstructionCopy	<InstrCpy>10000x</InstrCpy>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>REGP</PrtryPmtTp>
End Payment Type	</PmtTp>
PaymentInstructionRef	<PmtInstrRef>ABC1234</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2007-10-12</IntrBkValDt>
Additional Reference	<RltdRef>ABC1356</RltdRef>
PaymentTransactionParty	<PmtTxPty>
First Agent	<FrstAgt>DEUTDEFFXXX</FrstAgt>
Receivers Correspondent	<InstdAgtCrspdt>DRESDEFFXXX</InstdAgtCrspdt>
Intermediary	<Intrmy>DRESDEFFXXX</Intrmy>
Final Agent	<FnlAgt>DRESDEFFXXX</FnlAgt>
Creditor	<Cdtr>DRESDEFFXXX</Cdtr>
End PaymentTransactionParty	</PmtTxPty>
End of Payment	</Pmt>
AccountEntry	<AcctNtry>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BE67123456789122345678910</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Entry Date / Time	<NtryDt>
DateTime	<DtTm>2002-07-21T08:35:30</DtTm>
End of Entry Date / Time	</NtryDt>
End of Account Entry	</AcctNtry>
End ofTransaction	</Tx>
End of Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>

OperationalError	<OprlErr>	
Error handling	<Err>	A
Proprietary error code	<Prtry>9999</Prtry>	A
End error handling	</Err>	A
		D
Description	<Desc>General system error</Desc>	
End of Operational Error	</OprlErr>	
End choice	/xorBizRptOprlErr	
End messagename ReturnTransaction	</RtrTx>	M

Attributes:

name of attribute	format	short description	description
<RtrTx>		Message name for Return Transaction Mandatory A2A	Message name for Return Transaction Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory A2A	BusinessQueryReference Query message reference. Messages Reference of the related request Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory A2A	Unique and unambiguous identification of the query. [1..1] Validation: [1..1]
<QryNm>	35x	QueryName Optional A2A	Recalls the criteria (search and return criteria) defined in a preceding query. Identifier of a preceding message. The cross-reference is used for the creation of delta sets Reference for the delta set retrieval. Value is generated by ICM Validation: [0..1]
</BizQryRef>		End of Query Reference Mandatory A2A	End of Query Reference Validation: [1..1]
xorBizRptOprlErr		choice Mandatory	choice amongst BizRpt und OprlErr Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation: choice amongst BusinessReport <BizRpt> OperationalError <OprlErr>

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory A2A	Validation: [1..1] <PmtCmonInf> in PM not used
<TxRpt>		TransactionReport	Reports either on the transaction information or on a business error. If Transaction is present, then BusinessError is not allowed. If Transaction is not present, then BusinessError is mandatory.
		Mandatory A2A	Validation: [1..n]
<InstrRef>		InstructionReference	PaymentIdentificationChoice Reference to the instruction related to the payment for which information is requested. A choice between ways of identifying a payment instruction by its references and business identification. PaymentInstructionReference [1..1] QueueIdentification [1..1] ShortBusinessIdentification [1..1] LongBusinessIdentification [1..1]
		Mandatory A2A	Validation: [1..1] in PM only <PrtryRef> = SSP-Reference (= PM Reference) is delivered as InstrRef. If within the GetTransaction the <LongBizId> is requested as unique identifier, this information (tags of LongBizId), is filled within the <Pmt> section
<PrtryRef>-</PrtryRef>	16n	Proprietary Reference	Proprietary Reference SSP-Reference (generated by PM [16x]; unique identifier of a business case - Note: Some business cases consist of several bookings.) Validation: [1..1]
</InstrRef>		End of InstructionReference	
		Mandatory A2A	Validation: [1..1]
<Tx>		Transaction	Requested information on the payment.
		Mandatory A2A	Validation: [1..1] BusinessError is not used
<PmtTo>		PaymentTo	Defines the criteria which are used to search for the destination of the payment. SystemIdentification [0..n] MemberIdentification [0..n]
		Optional A2A	Validation: [0..1]

M

name of attribute	format	short description	description
<Mmbld>		Member Identification	<p>Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system</p> <p>- Choice amongst <BIC> BICIdentifier <ClrSysMmbld> ClearingSystemMemberIdentificationChoice Counterpart BIC Receiver</p> <p>Validation: [0..1] in PM only BIC is used</p>
<BIC>-</BIC>	11x	BIC	<p>BICIdentifier</p> <p>Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.</p>
		Mandatory A2A	<p>Validation: [1..1] Receiver</p>
</Mmbld>		End of Member Identification	
		Optional A2A	<p>Validation: [0..1]</p>
</PmtTo>		End PaymentTo	End PaymentTo
		Optional A2A	<p>Validation: [0..1]</p>
<PmtFr>		Payment From	<p>Defines the criteria which are used to search for the origin of the payment.</p> <p>SystemIdentification [0..n] MemberIdentification [0..n]</p>
		Optional A2A	<p>Validation: [0..1]</p>
<Mmbld>		Member Identification	<p>Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system</p> <p>- Choice amongst <BIC> BICIdentifier <ClrSysMmbld> ClearingSystemMemberIdentificationChoice Counterpart BIC Sender</p>
		Optional A2A	<p>Validation: [0..1] in PM only BIC is used</p>
<BIC>-</BIC>	11x	BIC	<p>BICIdentifier</p> <p>Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.</p>
		Mandatory A2A	<p>Validation: [1..1] Sender</p>
</Mmbld>		End of Member Identification	

name of attribute	format	short description	description
		Optional	Validation:
		A2A	[0..1]
</PmtFr>		End Payment From	End Payment From
		Optional	Validation:
		A2A	[0..1]
<CdtDbtInd>		Credit Debit Indicator	Specifies if an operation is an increase or a decrease CRDT = Credit Operation is an increase. DBIT = Debit Settlement Debits / Credits
		Optional	Validation:
		A2A	[0..1]
<Pmt>		Payment	Information about the payment and, possibly, its related charges.
		Optional	Validation:
		A2A	[0..1]
<TxRef>-</TxRef>	16x	TransactionReference	Unique and unambiguous identification of a payment transaction, as assigned by the originator. The payment transaction reference is used for reconciliation or to link tasks relating to the payment transaction. IIR (Internal Interlinking Reference) for TARGET Interlinking payments
		Optional	Validation:
		A2A	[0..1] Field IIR only displayed for CB's
<InstrSts>		InstructionStatus	Detailed information about the status of a transfer. PaymentInstructionStatus [1..1] PaymentInstructionStatusDateTime [0..1]
		Optional	Validation:
		A2A	[0..1]
<PmtInstrSts>		PaymentStatusCode	Choice between a list of pending statuses or final statuses. Payment Status Range of values in PM pending (queued, accounting stopped due to stop sending) final (closed normal) noted (earmarked) revoked rejected
		Optional	Validation:
		A2A	[0..1]
xorPdgStsFnlSts		choice	choice amongst <PdgSts> or <FnlSts>
		Mandatory	Validation: choice amongst <PdgSts>, <FnlSts>
<PdgSts>		PendingStatus	Qualifies further the pending status. ACPD= Accepted Transaction has been accepted by the clearing agent. AUTD= Authorised Transaction has been authorised by the transaction administrator or authorised party. INVD= Invalid

name of attribute	format	short description	description
			<p>Transaction is invalid.</p> <p>MATD = Matched Transaction has been matched with a corresponding transaction by the clearing agent.</p> <p>PCAN = PendingCancellation Clearing agent has received a cancellation request for the transaction, and needs either a matching request for cancellation from the counterparty or a confirmation from an authorised party.</p> <p>PFST = PendingFailingSettlement Transaction eligible for immediate settlement, has failed to settle.</p> <p>PSTL= PendingSettlement Transaction is eligible for settlement, but is pending.</p> <p>RMLR = ReceiverMultilateralLimitRelated Transaction causes the 'Receiver multilateral limit' to be exceeded and cannot currently be processed.</p> <p>SMLR = SenderMultilateralLimitRelated Transaction causes the 'Sender multilateral limit' to be exceeded and cannot currently be processed.</p> <p>SRBL = SenderReceiverBilateralLimitRelated Transaction causes the bilateral limit fixed between Sender and Receiver to be exceeded and cannot currently be processed.</p> <p>SSPD = Suspended Transaction has been suspended by the clearing agent.</p> <p>STLE = SettlementEligible Transaction is eligible for future settlement.</p> <p>STLM = SettlementMature Transaction is eligible for immediate settlement.</p> <p>UMAC = Unmatched Clearing agent attempted to match the transaction with a corresponding transaction but failed.</p> <p>VALD = Validated Transaction has been validated by the clearing agent.</p>
		Mandatory	Validation:
		A2A	[1..1] in PM only STLE= earmarked, PSTL = Pending, ACPD = warehoused and STLM = information period (AS payment during information period) are used.
<FnlSts>		FinalStatus	<p>Qualifies further the final status.</p> <p>CAND = Cancelled Transaction has been cancelled.</p> <p>FNLD= Finalised Transaction has been successfully processed by the clearing agent. Settlement will take place outside of the system.</p> <p>RJTD= Rejected Transaction has been rejected by the clearing agent.</p> <p>STLD = Settled Transaction has been successfully processed by the clearing agent.</p>
		Mandatory	Validation:
		A2A	[1..1] in PM only CAND = Revoked, STLD = by means of final, RJTD = Rejected are used
/xorPdgStsFnlSts		End of choice	end of choice amongst <PdgSts> or <FnlSts>
		Mandatory	Validation:

name of attribute	format	short description	description
End of choice amongst <PdgSts>, <FnlSts>			
</PmtInstrSts>		End PaymentStatusCode	End PaymentStatusCode
		Optional	Validation:
		A2A	[0..1]
<PmtInstrStsDtTm>		PaymentInstructionStatusDateTime	Date and time at which the status was assigned to the transfer.
			FromDateTime [1..1] ToDateTime [1..1] DateTimeRange [1..1] Settlement time
		Optional A2A	Validation: [0..1]
<DtTm>	ISODatetime	DateTime	A specified date and time.
		Mandatory	Validation:
		A2A	[1..1]
</PmtInstrStsDtTm>		End PaymentInstructionStatusDateTime	End PaymentInstructionStatusDateTime
		Optional	Validation:
		A2A	[0..1]
<PmtInstrStsRsn>		PaymentInstructionStatusReason	Reason provided for the status of a transfer.
		Optional	Validation:
		A2A	[0..1]only ProprietaryRejectionReason in PM used
<PrtryRjctnRsn>		ProprietaryRejectionReason	ProprietaryRejectionReason
		Mandatory	Validation:
		A2A	[1..1]
<PrtryStsRsn>	4x	ProprietaryStatusReasonCode	ProprietaryStatusReasonCode
		Mandatory	SSP Error Code for RJTD payments Validation:
		A2A	[1..1]
<Rsn>	256x	Reason	Reason
			Error text if <PrtryRjctnRsn> is filled with an error code.
		Mandatory A2A	Validation: [1..1]
</PrtryRjctnRsn>		End of ProprietaryRejectionReason	end of ProprietaryRejectionReason
		Mandatory	Validation:
		A2A	[1..1]
</PmtInstrStsRsn>		End of PaymentInstructionStatusReason	End of Reason provided for the status of a transfer.
		Optional	Validation:
		A2A	[0..1]
</InstrSts>		End of InstructionStatusSearch	End of InstructionStatusSearch
		Optional	Validation:
		A2A	[0..1]

name of attribute	format	short description	description
<InstdAmt>		InstructedAmount	Specifies the instructed amount(s) on which the query is performed. Amount
		Optional	Validation:
		A2A	[0..1] In PM only 2 fraction digits are allowed
<AmtWthtCcy> - </AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context. The integer part of Amount must contain at least one digit. The decimal separator is a dot '.'. It is not mandatory but included in the maximum length. The number of digits following the dot must not exceed the maximum number allowed for that specific currency as specified in ISO 4217.
		Mandatory	Validation:
		A2A	[1..1] In PM only 2 fraction digits are possible
</InstdAmt>		End Instructed Amount	End Instructed Amount
		Optional	Validation:
		A2A	[0..1]
<PmtMtd>		PaymentMethod	Indicates the message or event from which an instruction has been initiated. FINMessageType [1..1] XMLMessageName [1..1] Proprietary [1..1] Instrument [1..1]
		Optional	Validation:
		A2A	[0..1] In PM only FINMessageType represents FINMT is used
<FINMT>	3x	FINMessageType	Specifies that the payment was included in a SWIFT FIN format message eg, MT 103. FINMT Message-Type
		Mandatory	Validation:
		A2A	[1..1] It is used to specify a SWIFT FIN message. Possible values are: 202 (MT202), 103 (MT103 and MT103+) or 204 (MT204).
</PmtMtd>		End of Payment Method	End of Payment Method
		Optional	Validation:
		A2A	[0..1]
<Prty>		Priority	The relative urgency or order of importance that the originator would like the recipient of the payment instruction to apply to the processing of the payment instruction. Code [1..1] PriorityCode PriorityCodeChoice ProprietaryCode [1..1] Max4AlphaNumericText
		Optional	Validation:
		A2A	[0..1]
<Cd>		Priority Code	Specifies the priority level of an event. HIGH = High Priority level is high. LOWW = Low

name of attribute	format	short description	description
			Priority level is low. NORM = Normal Priority level is normal. Priority Validation: [1..1] here only PriorityCode is used Normal = NORM is defined in SSP as = urgent Priority High = HIGH is defined in SSP as = highly urgent Priority Low = LOWW is defined in SSP as = normal Priority
</Prty>		End Priority	End Priority
		Optional A2A	Validation: [0..1]
<PrgVldtyTm>		ProcessingValidityTime	Date and time range within which the payment instruction must be processed. Timed payments: Timed Payments Earliest and Latest Debit Time
		Optional A2A	Validation: [0..1]
xorFrDtTmToDtTmDtTmRg		choice	choice amongst <FrDtTm>, <ToDtTm> or <DtTmRg>
		Mandatory	Validation:
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
		Mandatory A2A	Validation: [1..1]
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
		Mandatory A2A	Validation: [1..1]
<DtTmRg>		DateTimeRange	Range of time between a start date and time and an end date and time.
		Mandatory A2A	Validation: [1..1]
<FrDtTm>	ISODateTime	FromDateTime	Date and time at which the range starts.
		Mandatory A2A	Validation: [1..1]
<ToDtTm>	ISODateTime	ToDateTime	Date and time at which the range ends.
		Mandatory A2A	Validation: [1..1]
</DtTmRg>		End of DateTimeRange	
		Mandatory A2A	Validation: [1..1]
/xorFrDtTmToDtTmDtTmRg		End of choice	end of choice amongst <FrDtTm>, or <ToDtTm> or <DtTmRg>
		Mandatory	Validation:

name of attribute	format	short description	description
</PrdgVldtyTm>		End of ProcessingValidityTime Optional A2A	End of ProcessingValidityTime Validation: [0..1]
<InstrCpy>	10000x	InstructionCopy	<p>Copy of the original instruction, in free form text.</p> <p>could be used to pass back the complete copy of the payment message (SWIFT FIN string of the selected message including Header and Trailer or internal message or XML message) both in an unformatted structure. In case of receiving an original XML message, SSP use a CDATA section, so that the text will be ignored by the parser, with the effect, that the markup sings <> will be ignored too. From a technical point of view it seems to be a string. The client A2A application have to unpack this CDATA section.</p> <p>This will look as follows: <InstrCpy><![CDATA[<Document xmlns="urn:swift:xsd:\$pain.998.001.01"><pain.998.001.01><PrtryDt><Tp>ASTransferInitiation</Tp> ...</PrtryDt></pain.998.001.01></Document>]]></InstrCpy></p> <p>In case of internal message (Payment data generated by PM or Data provided by the interface from HAM, RM, SF, CRISP, CM, ICM) following information will be displayed: PM reference: <content> TRN: <content> Related TRN (field21): <content> Sender: <content> Receiver: <content> Amount: <content> (without decimal point, displayed as Eurocent) Payment Type: <content> Execution Date: <content> BIC 52: <content> BIC 53: <content> BIC 58: <content> Field 72: <content> SSP Error Code: <content> If a field is not filled or not available, then the label will be displayed without content.</p> <p>Sample for internal structure: <InstrCpy>PM Reference: 189300TRN: 0000000000189300Related TRN (F21): 0000000000189300Sender: ZYBMDEF0MD1Receiver: ZYBMDEF0MCBAmount: 12300Payment Type: Liquidity transferExecution Date: 2007-05-16T00:00:00+02:00BIC 52: ZYBMDEF0MD1BIC 53: ZYBMDEF0MCBBIC 58: ZYBMDEF0MD1F72: </InstrCpy></p> <p>Validation: [0..1]******differs from the Cash management standard (enlargend by SWIFT to 20000 text)</p>
<PmtTp>		Payment Type Optional A2A	<p>Type, or nature, of the payment..</p> <p>Validation: [0..1]</p>
<PrtryPmtTp>-</PrtryPmtTp>	4x	Proprietary Payment Type	<p>Proprietary Payment Type</p> <p>REGP = Regular Payment CONP = Connected Payment BACP = Backup Payment LIQP = Liquidity transfer via payments ASYP = Ancillary Systems Payments MANP= mandated payment INTP = interests PDDb = penalties BIDb = billing</p> <p>Type of Payment</p> <p>Validation: [1..1] in PM only Proprietary Payment Type is used</p>

name of attribute	format	short description	description
</PmtTp>		End Payment Type	End Payment Type
		Optional	Validation:
		A2A	[0..1]
<PmtInstrRef>-</PmtInstrRef> 16x		PaymentInstructionRef	PaymentInstructionRef
			Unique and unambiguous identifier for a payment instruction, as assigned by the clearing agent or the initiating party.
		Optional	Field 20 TRN
		A2A	Validation: [0..1] needed because of LngBizId in inside the GetTransaction message clarification SWIFT needed (max. 16x) IIR
<IntrBkValDt>	ISODate	InterbankValueDate	Date on which the amount of money ceases to be available to the agent that owes the money, or when the amount of money becomes available to the agent to which the money is due.
			Execution Date current and future (5 future dates are possible) / Value Date
		Optional	Validation:
		A2A	[0..1]
<RltdRef>	16x	Additional Reference	Reference of the request.
			Reference MessageName ReferenceIssuer
			If MessageName is not present, then ReferenceIssuer is mandatory. If MessageName is present, then ReferenceIssuer is optional.
		Optional	Field 21 Related Reference
		A2A	Validation: [0..1] needed because of LngBizId in inside the GetTransaction message clarification SWIFT needed (max. 16x)
<PmtTxPty>		PaymentTransactionParty	needed for selection of Selection SWIFT FIN Fields
		Optional	Validation:
		A2A	[0..1]
<FrstAgt>-</FrstAgt>		First Agent	First Agent
			BIC Identifier
			SWIFT Field 52 (Ordering Institution)
		Optional	Validation: [0..1] Field 52 (Ordering Institution)
<InstdAgtCrspdt>-</InstdAgtCrspdt>		Receivers Correspondent	Receivers Correspondent
			BIC Identifier
			SWIFT Field 54 (Receiver's Correspondent)
		Optional	Validation: [0..1] Field 54 (Receiver's Correspondent)
<Intrmy>-</Intrmy>		Intermediary	Intermediary
			BIC Identifier
			SWIFT Field 56 (Intermediary Institution)
		Optional	Validation:

name of attribute	format	short description	description
<FnlAgt>-</FnlAgt>	A2A		[0..1] Field 56 (Intermediary Institution)
		Final Agent	Final Agent
			BICIdentifier SWIFT Field 57 (Account with Institution)
		Optional A2A	Validation: [0..1] Field 57 (Account with Institution)
<Cdtr>-</Cdtr>	A2A	Creditor	Creditor
			BICIdentifier SWIFT Field 58 (Beneficiary Institution)
		Optional A2A	Validation: [0..1] Field 58 (Beneficiary Institution)
		End PaymentTransactionParty	End Selection SWIFT FIN Fields
</PmtTxPty>	A2A	Optional	Validation:
			[0..1]
</Pmt>	A2A	End of Payment	End of Payment
		Optional	Validation:
			[0..1]
<AcctNtry>	A2A	AccountEntry	Posting of an item to a cash account, in the context of a cash transaction, that results in an increase or decrease to the balance of the account.
			AccountIdentification [1..1] AccountCurrency [0..1] AccountType [0..1] EntryReference [0..1] EntryAmount [0..1] EntryDate [0..1] EntryStatus [0..1]
		Optional	Validation:
			[0..1]
<AcctId>	A2A	Account Identification	Account Identification
			needed on behalf of third parties.
			E.g. NCB are able to start several transactions on behalf their national banking community
		Mandatory A2A	Validation: [1..1] in the Cash management standard validated as mandatory, only filled with the information of <PmtFr> or <PmtTo> (information is here not meaningful)
<DmstAcct>	A2A	Simple Identification Information	<DmstAcct> Simple Identification Information
			Domestic Account
			Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held.
		Mandatory A2A	Validation: [1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. RTGS account number (Counterpart RTGS account / sub-

name of attribute	format	short description	description
		Mandatory A2A	account) Validation: [1..1] the credited or debited account of the counterpart, depends on the <CdtDbtInd> which indicates if it is a credited or debited account. In certain cases if an account and accordingly a credit / debit indicator can't be determined this field is empty, e. g. if a CB acts on behalf of a participant without indication of an account within the GetTransaction. Rule: In case of DEBT in <CdtDbtInd> from requestor point of view the displayed account is the credited account. In case of CRDT in <CdtDbtInd> from requestor point of view the displayed account is the debited account.
</DmstAcct>		End of simple Identification Information Mandatory A2A	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory A2A	Unique and unambiguous identification for the account between the account owner and the account servicer. Validation: [1..1]
<NtryDt>		Entry Date / Time Optional A2A	Date and time at which an entry is posted to an account on the account servicer's books. Entry Time Validation: [0..1] in case if the credited or debited account (AcctId) is not identifiable, this tag will be empty.
<DtTm>	ISODateTime	DateTime Mandatory A2A	A specified date and time. Validation: [1..1]
</NtryDt>		End of Entry Date / Time Optional A2A	Validation: [0..1]
</AcctNtry>		End of Account Entry Optional A2A	End of Account Entry Validation: [0..1]
</Tx>		End of Transaction Mandatory A2A	End of Transaction Validation: [1..1]
</TxRpt>		End of Transaction Report Mandatory A2A	End of Transaction Report Validation: [1..n]
</BizRpt>		End of BusinessReport Mandatory A2A	End of BusinessReport Validation: [1..1]
<OpriErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related

name of attribute	format	short description	description	
			Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes	
		Mandatory A2A	Validation: [1..1]	
<Err>		Error handling Mandatory A2A	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory A2A	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory A2A	Validation: [1..1]	A
				D
			Validation:	
<Desc>-</Desc>	140x	Description Optional A2A	Specification of the error, in free format. Validation: [0..1]	
</OpriErr>		End of Operational Error Mandatory A2A	End of Operational Error Validation: [1..1]	
/xorBizRptOpriErr		End choice Mandatory	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation: End choice amongst BusinessReport <BizRpt> OperationalError <OpriErr>	
</RtrTx>		End messagename ReturnTransaction Mandatory A2A	Validation:	M

Error Codes:

ReturnTransaction_PM_1

Scope: Return Transaction with SSP-Reference (PM-Reference) and Payment Details

Messagename for Return Transaction

<RtrTx>

Message Identification	<MsgId>
Identification	<Id>ABC123589</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHIIJLMNOPQRST12345678</QryRef>
QueryName	<QryNm>ABC12345</QryNm>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
InstructionReference	<InstrRef>
Proprietary Reference	<PrtryRef>12345</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>MARKDEFFXXX</BIC>
End of Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>DRESDEFFXXX</BIC>
End of Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit Debit Indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Payment	<Pmt>
TransactionReference	<TxRef>kskal123</TxRef>
InstructedAmount	<InstdAmt>
Amount without currency	<AmtWthtCcy>500.00</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>103</FINMT>
End of Payment Method	</PmtMtd>
Priority	<Prty>
Priority Code	<Cd>NORM</Cd>
End Priority	</Prty>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>REGP</PrtryPmtTp>
End Payment Type	</PmtTp>
PaymentInstructionRef	<PmtInstrRef>ABC1234</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2007-10-12</IntrBkValDt>
Additional Reference	<RltdRef>ABC1356</RltdRef>
PaymentTransactionParty	<PmtTxPty>
First Agent	<FrstAgt>DEUTDEFFXXX</FrstAgt>
Intermediary	<Intrmy>WELADED1XXX</Intrmy>
Final Agent	<FnIAgt>VOBADESSXXX</FnIAgt>
Creditor	<Cdtr>PBNKDEFFXXX</Cdtr>
End PaymentTransactionParty	</PmtTxPty>
End of Payment	</Pmt>

End ofTransaction

End of Transaction Report

End of BusinessReport

End messagename ReturnTransaction

```
| | | </Tx>
| | </TxRpt>
| </BizRpt>
</RtrTx>
```

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ReturnTransaction_PM_2

Scope: Return Transaction LongBusinessIdentification is requested within the GetTransaction message.
LongBusinessInformation (TRN, Amount, Value Date, MessageType, Sender and Receiver, Related Reference) within the Payment Details

MessageName for Return Transaction

Message Identification

Identification

End Message Identification

BusinessQueryReference

QueryReference

End of Query Reference

BusinessReport

TransactionReport

InstructionReference

Proprietary Reference

End of InstructionReference

Transaction

PaymentTo

Member Identification

BIC

End of Member Identification

End PaymentTo

Payment From

Member Identification

BIC

End of Member Identification

End Payment From

Payment

InstructedAmount

Amount without currency

End Instructed Amount

PaymentMethod

FINMessageType

End of Payment Method

PaymentInstructionRef

InterbankValueDate

Additional Reference

End of Payment

End of Transaction

End of Transaction Report

End of BusinessReport

<RtrTx>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</Id>

</MsgId>

<BizQryRef>

<QryRef>ABCDEFGHIJKLMNOPQRSTUVWXYZ12345678</QryRef>

</BizQryRef>

<BizRpt>

<TxRpt>

<InstrRef>

<PrtryRef>12345</PrtryRef>

</InstrRef>

<Tx>

<PmtTo>

<Mmbld>

<BIC>MARKDEFFXXX</BIC>

</Mmbld>

</PmtTo>

<PmtFr>

<Mmbld>

<BIC>DRESDEFFXXX</BIC>

</Mmbld>

</PmtFr>

<Pmt>

<InstdAmt>

<AmtWthtCcy>100.15</AmtWthtCcy>

</InstdAmt>

<PmtMtd>

<FINMT>202</FINMT>

</PmtMtd>

<PmtInstrRef>ABC1234</PmtInstrRef>

<IntrBkValDt>2007-10-12</IntrBkValDt>

<RltdRef>ABC12134</RltdRef>

</Pmt>

</Tx>

</TxRpt>

</BizRpt>

End messageName ReturnTransaction

</RtrTx>

M

M

ReturnTransaction_PM_3

Scope: Return Transaction with SSP-Reference and different PaymentDetails

Messagename for Return Transaction

Message Identification
Identification
End Message Identification
BusinessQueryReference
QueryReference
End of Query Reference
BusinessReport
TransactionReport
InstructionReference
Proprietary Reference
End of InstructionReference
Transaction
PaymentTo
Member Identification
BIC
End of Member Identification
End PaymentTo
Payment From
Member Identification
BIC
End of Member Identification
End Payment From
Credit Debit Indicator
Payment
InstructedAmount
Amount without currency
End Instructed Amount
Priority
Priority Code
End Priority
InterbankValueDate
End of Payment
End of Transaction
End of Transaction Report
End of BusinessReport

<RtrTx>

```
<MsgId>
|   <Id>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</Id>
|
|   </MsgId>
|
|   <BizQryRef>
|
|   <QryRef>ABCDEFGHIJKLMNOPQRSTUVWXYZ12345678</QryRef>
|   </BizQryRef>
|
|   <BizRpt>
|
|   <TxRpt>
|
|   <InstrRef>
|   |
|   |   <PrtryRef>12345</PrtryRef>
|   |
|   |   </InstrRef>
|   |
|   |   <Tx>
|   |   |
|   |   |   <PmtTo>
|   |   |   |
|   |   |   |   <Mmbld>
|   |   |   |   |
|   |   |   |   |   <BIC>DEUTDEFFXXX</BIC>
|   |   |   |   |
|   |   |   |   |   </Mmbld>
|   |   |   |   |
|   |   |   |   |   </PmtTo>
|   |   |   |
|   |   |   |   <PmtFr>
|   |   |   |   |
|   |   |   |   |   <Mmbld>
|   |   |   |   |   |
|   |   |   |   |   |   <BIC>DRESDEFFXXX</BIC>
|   |   |   |   |   |
|   |   |   |   |   |   </Mmbld>
|   |   |   |   |
|   |   |   |   |   </PmtFr>
|   |   |   |
|   |   |   |   <CdtDbtInd>CRDT</CdtDbtInd>
|   |   |
|   |   |   <Pmt>
|   |   |   |
|   |   |   |   <InstdAmt>
|   |   |   |   |
|   |   |   |   |   <AmtWthtCcy>500000.00</AmtWthtCcy>
|   |   |   |   |
|   |   |   |   |   </InstdAmt>
|   |   |   |
|   |   |   |   <Prty>
|   |   |   |   |
|   |   |   |   |   <Cd>NORM</Cd>
|   |   |   |   |
|   |   |   |   |   </Prty>
|   |   |   |
|   |   |   |   <IntrBkValDt>2007-10-12</IntrBkValDt>
|   |   |
|   |   |   </Pmt>
|   |
|   |   </Tx>
|
|   </TxRpt>
|
|   </BizRpt>
```

End messagename ReturnTransaction

</RtrTx>

ReturnTransaction_PM_4

Scope: Return Transaction response for rejected payments

Message name for Return Transaction

<RtrTx>

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Message Identification	<MsgId>
Identification	<Id>ABCDEFGHJKLMNOPQRSTUVWXYZabcdefghi</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHJKLMNOPQRST12345678</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
InstructionReference	<InstrRef>
Proprietary Reference	<PrtryRef>12345</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
Credit Debit Indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Payment	<Pmt>
TransactionReference	<TxRef>ABEr45</TxRef>
InstructionStatus	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
FinalStatus	<FnlSts>RJTD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusReason	<PmtInstrStsRsn>
ProprietaryRejectionReason	<PrtryRjctnRsn>
ProprietaryStatusReasonCode	<PrtryStsRsn>XI00</PrtryStsRsn>
Reason	<Rsn>Credit and debit account must be different</Rsn>
End of ProprietaryRejectionReason	</PrtryRjctnRsn>
End of PaymentInstructionStatusReason	</PmtInstrStsRsn>
End of InstructionStatusSearch	</InstrSts>
InstructedAmount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1000.00</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>202</FINMT>
End of Payment Method	</PmtMtd>
Priority	<Prty>
Priority Code	<Cd>HIGH</Cd>
End Priority	</Prty>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>REGP</PrtryPmtTp>
End Payment Type	</PmtTp>
PaymentInstructionRef	<PmtInstrRef>ABC1234</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2007-10-12</IntrBkValDt>
Additional Reference	<RItdRef>ABCFG6709</RItdRef>
PaymentTransactionParty	<PmtTxPty>
First Agent	<FrstAgt>DEUTDEFFXXX</FrstAgt>
Receivers Correspondent	<InstdAgtCrspdt>DEUTDEFFXXX</InstdAgtCrspdt>
Intermediary	<Intrmy>DRESDEFFXXX</Intrmy>
Final Agent	<FnlAgt>DEUTDEFFXXX</FnlAgt>
Creditor	<Cdtr>DEUTDEFFXXX</Cdtr>
End PaymentTransactionParty	</PmtTxPty>

End of Payment					</Pmt>
End of Transaction					</Tx>
End of Transaction Report					</TxRpt>
End of BusinessReport					</BizRpt>
End messagename ReturnTransaction					</RtrTx>

M

ReturnTransaction_PM_5

Scope: Return Transaction for pending payments, including Instruction Copy (SWIFTContainer of a FINMessage)

Messagename for Return Transaction

Message Identification
Identification
End Message Identification
BusinessQueryReference
QueryReference
End of Query Reference
BusinessReport
TransactionReport
InstructionReference
Proprietary Reference
End of InstructionReference
Transaction
PaymentTo
Member Identification
BIC
End of Member Identification
End PaymentTo
Payment From
Member Identification
BIC
End of Member Identification
End Payment From
Credit Debit Indicator
Payment
TransactionReference
InstructionStatus
PaymentStatusCode
PendingStatus
End PaymentStatusCode
End of InstructionStatusSearch
InstructedAmount
Amount without currency
End Instructed Amount
PaymentMethod
FINMessageType
End of Payment Method
Priority
Priority Code
End Priority
InstructionCopy
InterbankValueDate
End of Payment
End of Transaction
End of Transaction Report
End of BusinessReport

<RtrTx>

```
<MsgId>
|   <Id>ABCDEFGHJKLMNOPQRSTUVWXYZabcdefghi</Id>
|
|   </MsgId>
|
|   <BizQryRef>
|
|   <QryRef>ABCDEFGHJKLMNOPQRST12345678</QryRef>
|   </BizQryRef>
|   <BizRpt>
|
|   <TxRpt>
|
|   <InstrRef>
|   |   <PrtryRef>12345</PrtryRef>
|   |
|   </InstrRef>
|   <Tx>
|   |   <PmtTo>
|   |   |   <Mmbld>
|   |   |   |   <BIC>MARKDEFFXXX</BIC>
|   |   |   |
|   |   |   </Mmbld>
|   |   |
|   |   </PmtTo>
|   |
|   <PmtFr>
|   |   <Mmbld>
|   |   |   <BIC>DRESDEFFXXX</BIC>
|   |   |
|   |   </Mmbld>
|   |
|   </PmtFr>
|   <CdtDbtInd>CRDT</CdtDbtInd>
|   <Pmt>
|   |   <TxRef>kskal123</TxRef>
|   |   <InstrSts>
|   |   |   <PmtInstrSts>
|   |   |   |   <PdgSts>PSTL</PdgSts>
|   |   |   |
|   |   |   </PmtInstrSts>
|   |   |
|   |   </InstrSts>
|   |   <InstdAmt>
|   |   |   <AmtWthtCcy>500.00</AmtWthtCcy>
|   |   |
|   |   </InstdAmt>
|   |   <PmtMtd>
|   |   |   <FINMT>202</FINMT>
|   |   |
|   |   </PmtMtd>
|   |   <Prty>
|   |   |   <Cd>NORM</Cd>
|   |   |
|   |   </Prty>
|   |   <InstrCpy>10000x</InstrCpy>
|   |   <IntrBkValDt>2007-10-12</IntrBkValDt>
|   |
|   </Pmt>
|
|   </Tx>
|
|   </TxRpt>
|
|   </BizRpt>
```

End messagename ReturnTransaction

</RtrTx>

6. 5 XML messages related to SD

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<DeleteHAMAccount>		Message Type Mandatory	Message Type Validation: [1..1]	
<HamAcct>		HAM Account Mandatory	HAM Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the Participant, owner of the related HAM Account Validation: [1..1]	

name of attribute	format	short description	description
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "IC" for In Change</p> <p>For more information on status management, please read the ICM UserHandBook.</p> <p>Status of the related HAM Account to be deleted Value accepted for this XML Message are : "AC" for "Active", "IC" for "In Change" or "FU" for "Future"</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ActDt>-</ActDt>	ISODate	Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>Activation Date of the deletion</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</HAMAcct>		End of HAM Account	<p>End of HAM Account</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</DeleteHAMAccount>		End of Message Type	<p>End of Message Type</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</SspPrtryDt>		End of SSP Proprietary Data	<p>End of Root element for all SSP proprietary data</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</PrtryData>		End of Proprietary Data	<p>End of Proprietary Data</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</PrtryMsg>		End proprietary message	<p>End proprietary message</p> <p>Mandatory</p> <p>Validation:</p>

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5. 1 DeleteHAMAccount (for CBs only)

SSP Proprietary Messages

DeleteHAMAccount_SD

Scope: Aim :
It is used to delete HAM account. This message can be used by Central Banks only.

Precondition :
•The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.

•The requestor must know precisely the BIC11 identifying the related participant, owner of the HAM account and the responsible CB (Country Code).

•Data used by requestor to delete HAM account may be:
–HAM account status
–Activation date for deletion

XML Request :
Delete HAM Account

XML Response :
Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

HAM Account

CB Responsible

BIC

Record Status all Modify and Delete messages

Activation Date

End of HAM Account

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>DeleteHAMAccount</Tp>

<SspPrtryDt>

<DeleteHAMAccount>

<HAMAcct>

<Ctry>FR</Ctry>

<BIC>AAAAFRPPXXX</BIC>

<RecSts>-</RecSts>

<ActDt>2007-03-15</ActDt>

</HAMAcct>

</DeleteHAMAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 5. 2 DeleteRTGSAccount (for CBs only)

SSP Proprietary Messages

DeleteRTGSAccount_SD

Scope: Aim :
It is used to delete RTGS account. This message can be used by Central Banks only.

Precondition :
•The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.

•The requestor must know precisely the BIC11 identifying the related participant, owner of the RTGS account and the country code of the responsible Central Bank.

•Data used by requestor to delete RTGS account may be:

- RTGS account status
- Activation date for deletion

XML Request :
Delete RTGS Account

XML Response :
Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

RTGS Account

CB Responsible

BIC

Record Status all Modify and Delete messages

Activation Date

End of RTGS Account

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>DeleteRTGSAccount</Tp>

<SspPrtryDt>

<DeleteRTGSAccount>

<RTGSAcct>

<Ctry>FR</Ctry>

<BIC>AAAAFRPPXXX</BIC>

<RecSts>-</RecSts>

<ActDt>2007-03-15</ActDt>

</RTGSAcct>

</DeleteRTGSAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

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M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<DeleteRTGSAccount>		Message Type Mandatory	Message Type Validation: [1..1]	
<RTGSAcct>		RTGS Account Mandatory	RTGS Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the Participant, owner of the related RTGS Account Validation: [1..1]	

name of attribute	format	short description	description
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "IC" for In Change</p> <p>For more information on status management, please read the ICM UserHandBook.</p> <p>Status of the related RTGS Account to be deleted Value accepted for this XML Message are : "AC" for "Active", "IC" for "In Change" or "FU" for "Future"</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ActDt>-</ActDt>	ISODate	Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>Activation Date of the deletion</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</RTGSAcct>		End of RTGS Account	<p>End of RTGS Account</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</DeleteRTGSAccount>		End of Message Type	<p>End of Message Type</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</SspPrtryDt>		End of SSP Proprietary Data	<p>End of Root element for all SSP proprietary data</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</PrtryData>		End of Proprietary Data	<p>End of Proprietary Data</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</PrtryMsg>		End proprietary message	<p>Mandatory</p> <p>Validation:</p>

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5. 3 DeleteSFAccount (for CBs only)

SSP Proprietary Messages

DeleteSFAccount_SD

Scope: Aim :

It is used to delete SF account. This message can be used by Central Banks only.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the SF account, and the responsible Central Bank.
- Data used by requestor to delete SF account may be:
 - SF account status
 - Activation date for deletion

XML Request :

Delete SF Account

XML Response :

Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SF Account

CB Responsible

BIC

Record Status all Modify and Delete messages

Activation Date

End of SF Account

Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>DeleteSFAccount</Tp>

<SspPrtryDt>

<DeleteSFAccount>

<StgFcltsAcct>

<Ctry>FR</Ctry>

<BIC>BKAAFRPPXXX</BIC>

<RecSts>-</RecSts>

<ActDt>2007-03-15</ActDt>

</StgFcltsAcct>

</DeleteSFAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<DeleteSFAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<StgFcltsAcct>		SF Account Mandatory	SF Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the Participant, owner of the related SF Account Validation: [1..1]	

name of attribute	format	short description	description
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "IC" for In Change</p> <p>For more information on status management, please read the ICM UserHandBook.</p> <p>Status of the related SF Account to be deleted Value accepted for this XML Message are : "AC" for "Active", "IC" for "In Change" or "FU" for "Future"</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ActDt>-</ActDt>	ISODate	Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>Activation Date of the deletion</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</StgFcltsAcct>		End of SF Account	<p>End of SF Account</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</DeleteSFAccount>		Message Type	<p>Message Type for Static Data</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</SspPrtryDt>		End of SSP Proprietary Data	<p>End of Root element for all SSP proprietary data</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</PrtryData>		End of Proprietary Data	<p>End of Proprietary Data</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</PrtryMsg>		End proprietary message	<p>Mandatory</p> <p>Validation:</p>

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5. 4 DeleteSubAccount (for CBs only)

SSP Proprietary Messages

DeleteSubAccount_SD

Scope: Aim :
It is used to delete sub-account. This message can be used by Central Banks only.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the sub-account and the responsible Central Bank.
- Data used by requestor to delete sub-account may be:
 - Sub-account status
 - Activation date for deletion

XML Request :
Delete Sub Account

XML Response :
Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Sub Account

CB Responsible

BIC

Sub Account Number

Record Status all Modify and Delete messages

Activation Date

End of Sub Account

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>DeleteSubAccount</Tp>

<SspPrtryDt>

<DeleteSubAccount>

<SubAcct>

<Ctry>FR</Ctry>

<BIC>AAAAFRPPXXX</BIC>

<SubAcctNb>FR5041222410</SubAcctNb>

<RecSts>-</RecSts>

<ActDt>2007-03-15</ActDt>

</SubAcct>

</DeleteSubAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<DeleteSubAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SubAcct>		Sub Account Mandatory	Sub Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the Participant, owner of the related Sub Account Validation: [1..1]	

name of attribute	format	short description	description
<SubAcctNb>-</SubAcctNb>	2!c32x	Sub Account Number	Account Code. Length 34 characters. The first two characters represent the country code of the responsible CB.
		Mandatory	Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	Status of the record. List of values : "AC" for Active "FU" for Future "IC" for In Change For more information on status management, please read the ICM UserHandBook. Status of the related Sub Account to be deleted Value accepted for this XML Message are : "AC" for "Active", "IC" for "In Change" or "FU" for "Future"
		Mandatory	Validation: [1..1]
<ActDt>-</ActDt>	ISODate	Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Activation Date of the deletion
		Mandatory	Validation: [1..1]
</SubAcct>		End of Sub Account	End of Sub Account
		Mandatory	Validation: [1..1]
</DeleteSubAccount>		End of Message Type	Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

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M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5. 5 GetAS

SSP Proprietary Messages

GetAS_SD

Scope: Aim :
It is used to get information on Ancillary System.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.

- Data used by requestor to get information on Ancillary Systemt may be:

- Ancillary System status

- Modification date (ie activation date of modification)

Postcondition success :

The information on Ancillary System is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get AS

XML Response :

Return AS

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Record Status

DateSearchChoice

choice

Date From

Date Till

FromToDate

Date From

Date Till

End FromToDate

End of choice

End of Date Search

End of SearchCriteria

End of GetAS

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetAS</Tp>

<SspPrtryDt>

<GetAS>

<SchCrit>

<ListOfSts>AC</ListOfSts>

<DtSch>

<xorFrDtToDtFrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

<FrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

</FrToDt>

</xorFrDtToDtFrToDt>

</DtSch>

</SchCrit>

</GetAS>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetAS>		Message Type Mandatory	Message Type Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<ListOfSts>-</ListOfSts>	2x	Record Status Mandatory	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM UserHandBook. Validation: [1..1]	

name of attribute	format	short description	description
<DtSch>		DateSearchChoice	A choice between search criteria based on dates and date ranges.
		Optional	Validation: [0..1]
xorFrDtToDtFrToDt		choice	choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<FrToDt>		FromDate	A particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
</DtSch>		End of Date Search	End of Date Search
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation: [1..1]
</GetAS>		End of GetAS	End of GetAS
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnAS

6. 5. 6 GetASSettBank

SSP Proprietary Messages

GetASSettBank_SD

Scope: Aim :
It is used to get information on Ancillary System Settlement Bank.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the Ancillary System.

•Data used by requestor to get information on Ancillary System Settlement Bank may be:

- Status of the link between Settlement Bank and AS
- Modification date (ie activation date of modification)

Postcondition success :

The information on the requested Ancillary System is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get ASSettBank

XML Response :

Return ASSettBank

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

AS BIC

Record Status

DateSearchChoice

choice

Date From

Date Till

FromToDate

Date From

Date Till

End FromToDate

End of choice

End of Date Search

End of SearchCriteria

End of GetASSettBank

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetASSettBank</Tp>

<SspPrtryDt>

<GetASSettBank>

<SchCrit>

<ASBIC>ASBKFR2LXXX</ASBIC>

<RecSts>-</RecSts>

<DtSch>

<xorFrDtToDtFrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

<FrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

</FrToDt>

</xorFrDtToDtFrToDt>

</DtSch>

</SchCrit>

</GetASSettBank>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetASettBank>		Message Type Mandatory	Message Type Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<ASBIC>-</ASBIC>	11x	AS BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Ancillary System. Validation: [1..1]	
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected	

name of attribute	format	short description	description
			"AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook. Mandatory Validation: [1..1]
<DtSch>		DateSearchChoice	A choice between search criteria based on dates and date ranges.
		Optional	Validation: [0..1]
xorFrDtToDtFrToDt		choice	choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<FrToDt>		FromToDate	A particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation: [0..1]
</DtSch>		End of Date Search	End of Date Search
		Optional	Validation: [0..1]

name of attribute	format	short description	description	
</SchCrit>		End of SearchCriteria	End of SearchCriteria	
		Mandatory	Validation: [1..1]	
</GetASSettBank>		End of GetASSettBank	End of GetASSettBank	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	
		Mandatory	Validation: [1..1]	M
</PrtryMsg>		End proprietary message		
		Mandatory	Validation:	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnASettBank

6. 5. 7 GetCalendar

SSP Proprietary Messages

GetCalendar_SD

Scope: Aim :
It is used to get information on TARGET2 calendar.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must ask for a precise year.
- Data used by requestor to get information on TARGET2 calendar may be:
 - Year only

Postcondition success :
The information on the requested TARGET2 calendar for the requested year is delivered to the application.

Postcondition failure :
An error message with the relevant error code is issued.

XML Request :
Get calendar

XML Response :
Return calendar

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Year

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetCalendar</Tp>

<SspPrtryDt>

<GetCalendar>

<SchCrit>

<Yr>2007</Yr>

</SchCrit>

</GetCalendar>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetCalendar>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<Yr>-</Yr>	Year	Year Optional	This is a year, with a format 4x : YYYY Validation: [0..1]	
</SchCrit>		End of SearchCriteria Mandatory	End of SearchCriteria Validation: [1..1]	
</GetCalendar>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]	

name of attribute	format	short description	description	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnCalendar

6. 5. 8 GetCB

SSP Proprietary Messages

GetCB_SD

Scope: Aim :

It is used to get information on central bank.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- Data used by requestor to get information on central bank may be:

- Central bank status
- Modification date (ie activation date of modification)

Postcondition success :

The information on the requested CB is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get CB

XML Response :

Return CB

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Record Status

DateSearchChoice

choice

Date From

Date Till

FromToDate

Date From

Date Till

End FromToDate

End of choice

End of Date Search

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetCB</Tp>

<SspPrtryDt>

<GetCB>

<SchCrit>

<ListOfSts>AC</ListOfSts>

<DtSch>

<xorFrDtToDtFrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

<FrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

</FrToDt>

</xorFrDtToDtFrToDt>

</DtSch>

</SchCrit>

</GetCB>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetCB>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<ListOfSts>-</ListOfSts>	2x	Record Status Mandatory	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM UserHandBook. Validation: [1..1]	

name of attribute	format	short description	description
<DtSch>		DateSearchChoice	A choice between search criteria based on dates and date ranges.
		Optional	Validation: [0..1]
xorFrDtToDtFrToDt		choice	choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<FrToDt>		FromDate	A particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
</DtSch>		End of Date Search	End of Date Search
		Mandatory	Validation: [1..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation: [1..1]
</GetCB>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		
		Mandatory	Validation:	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnCB

6. 5. 9 GetContactItem

SSP Proprietary Messages

GetContactItem_SD

Scope: Aim :
It is used to get information on contact item.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely either the BIC11 identifying:
 - a legal entity
 - a central bank
 - a participant
 - an ancillary system

Note : In case of a Participant, the Country Code of the responsible CB must also be filled in.

Postcondition success :

The information on the requested contact item is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :
Get contact item

XML Response :
Return contact item

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Record Status

Choice amongst

Legal Entity Identification

CB Responsible

BIC Legal Entity

End of Legal Entity Identification

Central Bank Identification

CB Responsible

BIC CB

End of Central Bank Identification

Participant Identification

CB Responsible

BIC Participant

End of Participant Identification

AS Identification

CB Responsible

BIC AS

End of AS Identification

End of Choice

End of SearchCriteria

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetContactItem</Tp>

<SspPrtryDt>

<GetContactItem>

<SchCrit>

<ListOfSts>-</ListOfSts>

<xorLgINttyIdCntrlBkIdPtcptIdASId>

<LgINttyId>

<Ctry>-</Ctry>

<BICLgINtty>BKAAFRPPXXX</BICLgINtty>

</LgINttyId>

<CntrlBkId>

<Ctry>-</Ctry>

<BICCntrlBk>BDFEFRPPXXX</BICCntrlBk>

</CntrlBkId>

<PtcptId>

<Ctry>FR</Ctry>

<BICPtcpt>BKAADEFFXXX</BICPtcpt>

</PtcptId>

<ASId>

<Ctry>-</Ctry>

<BICAS>EOCBFRPPXXX</BICAS>

</ASId>

</xorLEIdCBIdPartIdASId>

</SchCrit>

M

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End of Message Type
End of SSP Proprietary Data
End of Proprietary Data
End proprietary message

```
| | | </GetContactItem>
| | | </SspPrtryDt>
| | | </PrtryData>
| | | </PrtryMsg>
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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetContactItem>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<ListOfSts>-</ListOfSts>	2x	Record Status Mandatory	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM UserHandBook. Validation: [1..1]	

name of attribute	format	short description	description
xorLglnTtyldCntrlBkldPtcptldASld		Choice amongst Optional	Choice amongst LEldCBldPartldASld (Type: xor) Validation:
<LglnTtyld>		Legal Entity Identification Optional	Legal Entity Identification Validation: [0..1]
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]
<BICLglnTty>-</BICLglnTty>	11x	BIC Legal Entity Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Legal Entity. Validation: [1..1]
</LglnTtyld>		End of Legal Entity Identification Optional	End of Legal Entity Identification Validation: [0..1]
<CntrlBkld>		Central Bank Identification Optional	Central Bank Identification Validation: [0..1]
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]
<BICCntrlBk>-</BICCntrlBk>	11x	BIC CB Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Central Bank. Validation: [1..1]
</CntrlBkld>		End of Central Bank Identification Optional	End of Central Bank Identification Validation: [0..1]
<Ptcptld>		Participant Identification Optional	Participant Identification Validation: [0..1]
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification

name of attribute	format	short description	description
			<p>scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>In this case, this is the BIC 11 of a Participant.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</PtcptId>		<p>End of Participant Identification</p> <p>Optional</p>	<p>End of Participant Identification</p> <p>Validation: [0..1]</p>
<ASId>		<p>AS Identification</p> <p>Optional</p>	<p>AS Identification</p> <p>Validation: [0..1]</p>
<Ctry>-</Ctry>	2!c	<p>CB Responsible</p> <p>Mandatory</p>	<p>Country Code of the Responsible CB.</p> <p>Validation: [1..1]</p>
<BICAS>-</BICAS>	11x	<p>BIC AS</p> <p>Mandatory</p>	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>In this case, this is the BIC 11 of the Ancillary System.</p> <p>Validation: [1..1]</p>
</ASId>		<p>End of AS Identification</p> <p>Optional</p>	<p>End of AS Identification</p> <p>Validation: [0..1]</p>
/xorLglNttyIdCntrlBkldPtcptIdASId		<p>End of Choice</p> <p>Optional</p>	<p>End of Choice</p> <p>Validation:</p>
</SchCrit>		<p>End of SearchCriteria</p> <p>Mandatory</p>	<p>End of SearchCriteria</p> <p>Validation: [1..1]</p>
</GetContactItem>		<p>End of Message Type</p> <p>Mandatory</p>	<p>End of Message Type for Static Data</p> <p>Validation: [1..1]</p>
</SspPrtryDt>		<p>End of SSP Proprietary Data</p> <p>Mandatory</p>	<p>End of Root element for all SSP proprietary data</p> <p>Validation: [1..1]</p>
</PrtryData>		<p>End of Proprietary Data</p> <p>Mandatory</p>	<p>End of Proprietary Data</p> <p>Validation: [1..1]</p>
</PrtryMsg>		<p>End proprietary message</p> <p>Mandatory</p>	<p>Validation:</p>

name of attribute	format	short description	description
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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnContactItem

6. 5.10 GetDirectDebit

SSP Proprietary Messages

GetDirectDebit_SD

Scope: Aim :
It is used to get information on authorised direct debit.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the participant (owner of Direct Debit) and the responsible Central Bank.
- Data used by requestor to get information on direct debit may be:
 - Direct debit status

Postcondition success :

The information on the direct debit of the requested Participant is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get direct debit

XML Response :

Return direct debit

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Participant Identification

CB Responsible

BIC Participant

End of Participant Identification

Direct Debit Identification

Record Status

End of Direct Debit Identification

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetDirectDebit</Tp>

<SspPrtryDt>

<GetDirectDebit>

<SchCrit>

<PtcptId>

<Ctry>FR</Ctry>

<BICPtcpt>BKAAFRPPXXX</BICPtcpt>

</PtcptId>

<DrctDbtId>

<RecSts>AC</RecSts>

</DrctDbtId>

</SchCrit>

</GetDirectDebit>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetDirectDebit>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	
<Ctry>-</Ctry>	2lc	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".	

name of attribute	format	short description	description
			In this case, this is the BIC 11 of a Participant.
		Mandatory	Validation: [1..1]
</PtcptId>		End of Participant Identification Mandatory	End of Participant Identification Validation: [1..1]
<DrctDbtId>		Direct Debit Identification Mandatory	Direct Debit Identification Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook. Mandatory
			Validation: [1..1]
</DrctDbtId>		End of Direct Debit Identification Mandatory	End of Direct Debit Identification Validation: [1..1]
</SchCrit>		End of SearchCriteria Mandatory	End of SearchCriteria Validation: [1..1]
</GetDirectDebit>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]
</PrtryMsg>		End proprietary message Mandatory	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnDirectDebit

6. 5.11 GetErrorCode

SSP Proprietary Messages

GetErrorCode_SD

Scope: Aim :
It is used to get list of error codes.

Precondition :
•The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.

Postcondition success :
The information on error code is delivered to the application.

Postcondition failure :
An error message with the relevant error code is issued.

XML Request :
Get error code

XML Response :
Return error code

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetErrorCode</Tp>

<SspPrtryDt>

<GetErrorCode>

</GetErrorCode>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetErrorCode>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
</GetErrorCode>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory	Validation:	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnErrorCode

6. 5.12 GetEvent

SSP Proprietary Messages

GetEvent_SD

Scope: Aim :
It is used to get information on TARGET events.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- Data used by requestor to get information on TARGET events may be:
 - Event status
 - Event responsible
 - Event type
 - Modification date (ie activation date of modification)

Postcondition success :

The information on the requested TARGET event is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get event

XML Response :

Return event

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Event Identification

Record Status

Event Type

Country Code for Event

Module

End of Event Identification

DateSearchChoice

choice

Date From

Date Till

FromToDate

Date From

Date Till

End FromToDate

End of choice

End of Date Search

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetEvent</Tp>

<SspPrtryDt>

<GetEvent>

<SchCrit>

<EvtId>

<ListOfSts>AC</ListOfSts>

<EvtTp>SETT</EvtTp>

<EvtCtry>IT</EvtCtry>

<Mdle>HAM</Mdle>

</EvtId>

<DtSch>

<xorFrDtToDtFrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

<FrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

</FrToDt>

</xorFrDtToDtFrToDt>

</DtSch>

</SchCrit>

</GetEvent>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetEvent>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<EvtId>		Event Identification Mandatory	Event Identification Validation: [1..1]	
<ListOfSts>-</ListOfSts>	2x	Record Status	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM	

name of attribute	format	short description	description
			UserHandBook.
		Mandatory	Validation: [1..1]
<EvtTp>-</EvtTp>	4x	Event Type	Type of event. Max 4 characters, amongst a list of values.
		Optional	Validation: [0..1]
<EvtCtry>-</EvtCtry>	2x	Country Code for Event	This is the country code attached to the related event.
		Optional	Validation: [0..1]
<Mdle>-</Mdle>	4c	Module	The list of allowed values is : "SSP" meaning that common SSP events are requested "RTGS" meaning that PM events are requested "HAM" meaning that HAM events are requested "RM" meaning that RM events are requested "SF" meaning that SF events are requested "CO1" meaning that CROSS events are requested "CIB" meaning that CRISP events are requested "CII" meaning that CRISP INVOICE events are requested "CA1" meaning that CRAKS1PM events are requested "CA3" meaning that CRAKS3 events are requested "ALL" meaning that all events are to be returned Module of the event
		Optional	Validation: [0..1]
</EvtId>		End of Event Identification	End of Event Identification
		Mandatory	Validation: [1..1]
<DtSch>		DateSearchChoice	A choice between search criteria based on dates and date ranges.
		Optional	Validation: [0..1]
xorFrDtToDtFrToDt		choice	choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<FrToDt>		FromDate	A particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation:

name of attribute	format	short description	description	
				[0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).	
		Optional	Validation: [0..1]	
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.	
		Optional	Validation: [0..1]	
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>	
		Optional	Validation:	
</DtSch>		End of Date Search	End of Date Search	
		Optional	Validation: [0..1]	
</SchCrit>		End of SearchCriteria	End of SearchCriteria	
		Mandatory	Validation: [1..1]	
</GetEvent>		End of Message Type	End of Message Type for Static Data	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnEvent

End of Proprietary Data
End proprietary message

| </PrtryData>
 </PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	M
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetGOA>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<GOAId>		Group of Account Identification Mandatory	Group of Account Identification Validation: [1..1]	
<ListOfSts>-</ListOfSts>	2x	Record Status	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM	

name of attribute	format	short description	description
			UserHandBook.
		Mandatory	Validation: [1..1]
<Ctry>-</Ctry>	2lc	CB Responsible	Country Code of the Responsible CB.
		Mandatory	Validation: [1..1]
<GOANm>-</GOANm>	Max35Text	Group of Account Name	Group of Account Name
		Optional	Validation: [0..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Lenght 12 characters.
		Optional	Validation: [0..1]
<GOATp>-</GOATp>	2!a	Group of Account Type	Type of Group of Account. Values accepted are : "CI" for Consolidated Information Group of Accounts "VA" for Virtual Group of Accounts "AL" for getting all type of Group of Accounts (used for 'Get' XML Message).
		Optional	Validation: [0..1]
</GOAId>		End of GOA Identification	End of GOA Identification
		Mandatory	Validation: [1..1]
<DtSch>		DateSearchChoice	A choice between search criteria based on dates and date ranges.
		Optional	Validation: [0..1]
xorFrDtToDtFrToDt		choice	choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<FrToDt>		FromToDate	A particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]

name of attribute	format	short description	description
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
</DtSch>		End of Date Search	End of Date Search
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation: [1..1]
</GetGOA>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnGOA

6. 5.13 GetGOA

SSP Proprietary Messages

GetGOA_SD

Scope: Aim :
It is used to get information on group of accounts.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- Data used by requestor to get information on group of accounts may be:
 - Group of accounts status
 - Responsible CB
 - Group of accounts name
 - Group of accounts ID
 - Group of accounts type
 - Modification date (ie activation date of modification)

Postcondition success :

The information on the requested group of accounts is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :
Get GOA

XML Response :
Return GOA

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Group of Account Identification

Record Status

CB Responsible

Group of Account Name

Group of Accounts ID

Group of Account Type

End of GOA Identification

DateSearchChoice

choice

Date From

Date Till

FromToDate

Date From

Date Till

End FromToDate

End of choice

End of Date Search

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetGOA</Tp>

<SspPrtryDt>

<GetGOA>

<SchCrit>

<GOAId>

<ListOfSts>AC</ListOfSts>

<Ctry>FR</Ctry>

<GOANm>AAAA GROUP</GOANm>

<GOAId>300300001AA</GOAId>

<GOATp>CI</GOATp>

</GOAId>

<DtSch>

<xorFrDtToDtFrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

<FrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

</FrToDt>

</xorFrDtToDtFrToDt>

</DtSch>

</SchCrit>

</GetGOA>

</SspPrtryDt>

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6. 5.14 GetHAMAccount

SSP Proprietary Messages

GetHAMAccount_SD

Scope: Aim :
It is used to get information on HAM account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the responsible Central Bank and the BIC11 identifying either the related participant, owner of the HAM account, or the Co-Manager, a direct participant able to manage the HAM account.
- Data used by requestor to get information on HAM account may be:
–Account status

Postcondition success :

The information on the requested HAM account is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get HAM account

XML Response :

Return HAM account

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

choice amongst

Co Manager

Participant Identification

CB Responsible

BIC Co Manager

End of Participant Identification

Account Identification

Record Status

End of Account Identification

End of Co Manager

Participant

Participant Identification

Country Code

BIC Participant

End of Participant Identification

Account Identification

Record Status

End of Account Identification

End of Participant

End of choice

End of SearchCriteria

End of Message Type

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetHamAccount</Tp>

<SspPrtryDt>

<GetHamAccount>

<SchCrit>

xorPtcptCmngr

<Cmngr>

<PtcptId>

<Ctry>FR</Ctry>

<CmngrBIC>AAAADEFFXXX</CmngrBIC>

</PtcptId>

<AcctId>

<ListOfSts>-</ListOfSts>

</AcctId>

</Cmngr>

<Ptcpt>

<PtcptId>

<Ctry>-</Ctry>

<BICPtcpt>AAAAFRPPXXX</BICPtcpt>

</PtcptId>

<AcctId>

<RecSts>AC</RecSts>

</AcctId>

</Ptcpt>

/xorPtcptCmngr

</SchCrit>

</GetHamAccount>

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End of SSP Proprietary Data
End of Proprietary Data
End proprietary message

| | </SspPrtryDt>
| </PrtryData>
| </PrtryMsg>

| M
| M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetHamAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
xorPtcptCmngr		choice amongst Mandatory	choice amongst participant and co-manager Validation: [1..1]	
<Cmngr>		Co Manager Optional	Co Manager Validation: [0..1]	
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	

name of attribute	format	short description	description
<Ctry>-</Ctry>	2lc	CB Responsible	Country Code of the Responsible CB.
		Optional	Validation: [0..1]
<CmngBIC>-</CmngBIC>	11x	BIC Co Manager	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".
		Mandatory	In this case, this is the BIC 11 of the Co Manager (Participant BIC). Validation: [1..1]
</PtcptId>		End of Participant Identification	End of Participant Identification
		Mandatory	Validation: [1..1]
<AcctId>		Account Identification	Account Identification
		Mandatory	Validation: [1..1]
<ListOfSts>-</ListOfSts>	2x	Record Status	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical)
		Mandatory	For more information on status, please read the ICM UserHandBook. Validation: [1..1]
</AcctId>		End of Account Identification	End of Account Identification
		Mandatory	Validation: [1..1]
</Cmng>		End of Co Manager	End of Co Manager
		Optional	Validation: [0..1]
<Ptcpt>		Participant	Participant
		Optional	Validation: [0..1]
<PtcptId>		Participant Identification	Participant Identification
		Mandatory	Validation: [1..1]
<Ctry>-</Ctry>	2la	Country Code	Country Code
			Code to identify a country, a dependency, or another area of particular geopolitical interest, on the basis of country names obtained from the United Nations (ISO 3166, Alpha-2 code).

name of attribute	format	short description	description
		Optional	Validation: [0..1]
<BICPtCpt>-</BICPtCpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Participant.
		Mandatory	Validation: [1..1]
</PtcPtId>		End of Participant Identification	End of Participant Identification
		Mandatory	Validation: [1..1]
<AcctId>		Account Identification	Account Identification needed on behalf of third parties. E.g. NCB are able to start several transactions on behalf their national banking community
		Mandatory	Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook.
		Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification	End Account Identification
		Mandatory	Validation: [1..1]
</PtcPt>		End of Participant	End of Participant
		Optional	Validation: [0..1]
/xorPtcPtCmngr		End of choice	End of choice amongst <PtcPt> and <Cmngr>
		Mandatory	Validation: [1..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation: [1..1]
</GetHamAccount>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation:

name of attribute	format	short description	description
[1..1]			
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnHAMAccount

6. 5.15 GetLegalEntity

SSP Proprietary Messages

GetLegalEntity_SD

Scope: Aim :
It is used to get information on legal entity.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.

- Data used by requestor to get information on legal entity may be:
 - Legal entity status
 - Legal entity name
 - BIC legal entity
 - CB responsible
 - Modification date

Postcondition success :
The information on the requested legal entity is delivered to the application.

Postcondition failure :
An error message with the relevant error code is issued.

XML Request :
Get legal entity

XML Response :
Return legal entity

Note: For this request the user should try to use selection criteria in order to limit the size of the returned data otherwise the request might fail!

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Legal Entity Identification

Record Status

Legal Entity Name1

BIC Legal Entity

CB Responsible

End of Legal Entity Identification

DateSearchChoice

choice

Date From

Date Till

FromToDate

Date From

Date Till

End FromToDate

End of choice

End of Date Search

End of SearchCriteria

End of Message Type

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetLegalEntity</Tp>

<SspPrtryDt>

<GetLegalEntity>

<SchCrit>

<LgINttyId>

<ListOfSts>AC</ListOfSts>

<LgINttyNm1>AAAA GROUP</LgINttyNm1>

<BICLgINtty>AAAAFRPPXXX</BICLgINtty>

<Ctry>FR</Ctry>

</LgINttyId>

<DtSch>

<xorFrDtToDtFrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

<FrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

</FrToDt>

</xorFrDtToDtFrToDt>

</DtSch>

</SchCrit>

</GetLegalEntity>

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End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

| | </SspPrtryDt>
| | </PrtryData>
| | </PrtryMsg>

| M
| M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetLegalEntity>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Optional	Defines the criteria used to search for. Validation: [0..1]	
<LgINttyId>		Legal Entity Identification Mandatory	Legal Entity Identification Validation: [1..1]	
<ListOfSts>-</ListOfSts>	2x	Record Status	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM	

name of attribute	format	short description	description
			UserHandBook.
		Mandatory	Validation: [1..1]
<LgINttyNm1>-</LgINttyNm1>	35x	Legal Entity Name1	Legal Entity Name first line.
		Optional	Validation: [0..1]
<BICLgINtty>-</BICLgINtty>	11x	BIC Legal Entity	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Legal Entity.
		Optional	Validation: [0..1]
<Ctry>-</Ctry>	2!c	CB Responsible	Country Code of the Responsible CB.
		Optional	Validation: [0..1]
</LgINttyId>		End of Legal Entity Identification Mandatory	End of Legal Entity Identification Validation: [1..1]
<DtSch>		DateSearchChoice Optional	A choice between search criteria based on dates and date ranges. Validation: [0..1]
xorFrDtToDtFrToDt		choice Optional	choice amongst <FrDt>, <ToDt> or <FrToDt> Validation:
<FrDt>-</FrDt>	ISODate	Date From Optional	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till Optional	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Validation: [0..1]
<FrToDt>		FromToDate Optional	A particular time span specified between a start date and an end date. Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From Optional	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).

name of attribute	format	short description	description
		Optional	Validation: [0..1]
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
</DtSch>		End of Date Search	End of Date Search
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Optional	Validation: [0..1]
</GetLegalEntity>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnLegalEntity

End of Participant Identification
 DateSearchChoice
 choice
 Date From
 Date Till
 FromToDate
 Date From
 Date Till
 End FromToDate
 End of choice
 End of Date Search
 End of SearchCriteria
 End of Message Type
 End of SSP Proprietary Data
 End of Proprietary Data
 End proprietary message

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    </PtcptId>
    <DtSch>
      <xorFrDtToDtFrToDt>
        <FrDt>2007-01-02</FrDt>
        <ToDt>2007-02-27</ToDt>
        <FrToDt>
          <FrDt>2007-01-02</FrDt>
          <ToDt>2007-02-27</ToDt>
        </FrToDt>
      </xorFrDtToDtFrToDt>
    </DtSch>
  </SchCrit>
</GetParticipant>
</SspPrtryDt>
</PrtryData>
</PrtryMsg>
  
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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetParticipant>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	
<ListOfSts>-</ListOfSts>	2x	Record Status	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM	

name of attribute	format	short description	description
			UserHandBook.
		Mandatory	Validation: [1..1]
<PtcptTp>-</PtcptTp>	2!c	Participant Type	Type of participation. Values may be : CB" for Central Bank "CI" for Credit Institution "CU" for CB's Customer "TC" for Technical "AL" for getting all type of Participant (used for 'Get' XML Message).
		Optional	Validation: [0..1]
<RTGSTp>-</RTGSTp>	1!a	RTGS Participation	Defines the type of participation in the RTGS. List of values : "D" for Direct Participant "I" for Indirect Participant "N" for No Participation "A" for getting all type of RTGS Participation (used for 'Get' XML Message).
		Optional	Validation: [0..1]
<HamAcct>-</HamAcct>	1!a	HAM Account	A flag with two value : 'Y' or 'N'. This flag is used to indicate whether a participant has (value 'Y') or not (value 'N') an HAM Account.
		Optional	Validation: [0..1]
<Ctry>-</Ctry>	2!c	CB Responsible	Country Code of the Responsible CB.
		Optional	Validation: [0..1]
<LglNttyNm1>-</LglNttyNm1>	35x	Legal Entity Name1	Legal Entity Name first line.
		Optional	Validation: [0..1]
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Participant.
		Optional	Validation: [0..1]
<PtcptNm1>-</PtcptNm1>	Max35Text	Participant Name1	Participant Name, first line.
		Optional	Validation: [0..1]
<NSC>-</NSC>	Max15n	National Sorting Code	Code present in the BIC DATA +. Character string with a max length of 15 characters.
		Optional	Validation: [0..1]
<CRMgmt>-</CRMgmt>	1!a	Minimum Reserve Management	This information represents the way a participant is managing minimum reserve. Values are : "D" for Direct (the participant is managing minimum

name of attribute	format	short description	description
			reserve by itself "I" for Indirect (the participant is managing minimum reserve through another participant) "P" for Pool (the participant is part of a MFI in order to manage minimum reserve) "L" for Locally "N" for No if the participant is not managing minimum reserve "A" for getting all values (used in the 'Get' XML Message).
		Optional	Validation: [0..1]
<CRSrc>-</CRSrc>	1!a	Source of Compulsory Reserve	Gives the source of compulsory reserve. Values are : "R" for RTGS Account "H" for HAM Account "P" for PHA (Proprietary Home Account) "A" for getting all values (used in the 'Get' XML Message).
		Optional	Validation: [0..1]
<StgFclts>-</StgFclts>	1!a	SF Allow	A flag with two values : 'Y' or 'N'. Indicates the possibility to use Standing facilities.
		Optional	Validation: [0..1]
</PtcptId>		End of Participant Identification	End of Participant Identification
		Mandatory	Validation: [1..1]
<DtSch>		DateSearchChoice	A choice between search criteria based on dates and date ranges.
		Optional	Validation: [0..1]
xorFrDtToDtFrToDt		choice	choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<FrToDt>		FromToDate	A particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Optional	Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).

name of attribute	format	short description	description
		Optional	Validation: [0..1]
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
</DtSch>		End of Date Search	End of Date Search
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation: [1..1]
</GetParticipant>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnParticipant

6. 5.16 GetParticipant

SSP Proprietary Messages

GetParticipant_SD

Scope: Aim :
It is used to get information on participant.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.

- Data used by requestor to get information on participant may be:

- Participant status
- Participant type (CI, CB, CB Customer, ...)
- RTGS Participation Type (Direct, Indirect, No participation)
- HAM Participation (has or not an HAM Account)
- CB responsible
- Legal entity name
- BIC participant
- Participant name
- National sorting code
- Minimum reserve management
- Source of Compulsory Reserve (if possible)
- SF Allow (flag Y/N)
- Modification date (ie activation date of modification)

Postcondition success :

The information on the requested participant is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :
Get participant

XML Response :
Return participant

Note: For this request the user should try to use selection criteria in order to limit the size of the returned data otherwise the request might fail!

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Participant Identification

Record Status

Participant Type

RTGS Participation

HAM Account

CB Responsible

Legal Entity Name1

BIC Participant

Participant Name1

National Sorting Code

Minimum Reserve Management

Source of Compulsory Reserve

SF Allow

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetParticipant</Tp>

<SspPrtryDt>

<GetParticipant>

<SchCrit>

<PtcptId>

<ListOfSts>AC</ListOfSts>

<PtcptTp>CI</PtcptTp>

<RTGSTp>D</RTGSTp>

<HAMAcct>Y</HAMAcct>

<Ctry>FR</Ctry>

<LglNttyNm1>AAAA GROUP</LglNttyNm1>

<BICPtcpt>BKAAPRPPXXX</BICPtcpt>

<PtcptNm1>BANK AAAA</PtcptNm1>

<NSC>123456789</NSC>

<CRMgmt>D</CRMgmt>

<CRSrc>R</CRSrc>

<StgFcIts>Y</StgFcIts>

6. 5.17 GetRTGSAccount

SSP Proprietary Messages

GetRTGSAccount_SD

Scope: Aim :

It is used to get information on RTGS account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the RTGS account and the Responsible Central Bank.
- Data used by requestor to get information on RTGS account may be:
 - Account status

Postcondition success :

The information on the requested RTGS account is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get RTGS account

XML Response :

Return RTGS account

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Participant Identification

CB Responsible

BIC Participant

End of Participant Identification

Account Identification

Record Status

End of Account Identification

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetRTGSAccount</Tp>

<SspPrtryDt>

<GetRTGSAccount>

<SchCrit>

<PtcptId>

<Ctry>FR</Ctry>

<BICPtcpt>AAAAFRPPXXX</BICPtcpt>

</PtcptId>

<AcctId>

<RecSts>AC</RecSts>

</AcctId>

</SchCrit>

</GetRTGSAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetRTGSAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	
<Ctry>-</Ctry>	2lc	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".	

name of attribute	format	short description	description
			In this case, this is the BIC 11 of a Participant.
		Mandatory	Validation: [1..1]
</PtcptId>		End of Participant Identification Mandatory	End of Participant Identification Validation: [1..1]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook. Mandatory Validation: [1..1]
</AcclId>		End of Account Identification Mandatory	End of Account Identification Validation: [1..1]
</SchCrit>		End of SearchCriteria Mandatory	End of SearchCriteria Validation: [1..1]
</GetRTGSAccount>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]
</PrtryMsg>		End proprietary message Mandatory	Validation:

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnRTGSAccount

6. 5.18 GetSFAccount

SSP Proprietary Messages

GetSFAccount_SD

Scope: Aim :
It is used to get information on SF account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the SF Account and the responsible Central Bank.
- Data used by requestor to get information on SF Account may be:
–Account status

Postcondition success :

The information on the requested SF account is delivered to the application.

Postcondition failure :

An error message with the relevant error code is issued.

XML Request :

Get SF Account

XML Response :

Return SF Account

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

End of Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Participant Identification

CB Responsible

BIC Participant

End of Participant Identification

Account Identification

Record Status

End of Account Identification

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

</PrtryData>

<Tp>GetSFAccount</Tp>

<SspPrtryDt>

<GetSFAccount>

<SchCrit>

<PtcptId>

<Ctry>FR</Ctry>

<BICPtcpt>BKAAFRPPXXX</BICPtcpt>

</PtcptId>

<AcctId>

<RecSts>AC</RecSts>

</AcctId>

</SchCrit>

</GetSFAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetSFAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	
<Ctry>-</Ctry>	2lc	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".	

name of attribute	format	short description	description
			In this case, this is the BIC 11 of a Participant.
		Mandatory	Validation: [1..1]
</PtcptId>		End of Participant Identification Mandatory	End of Participant Identification Validation: [1..1]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook. Mandatory
			Validation: [1..1]
</AcclId>		End of Account Identification Mandatory	End of Account Identification Validation: [1..1]
</SchCrit>		End of SearchCriteria Mandatory	End of SearchCriteria Validation: [1..1]
</GetSFAccount>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]
</PrtryMsg>		End proprietary message Mandatory	Validation:

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnSFAccount

6. 5.19 GetStandingOrderMirror

SSP Proprietary Messages

GetStandingOrderMirror_SD

A

Scope: This message enables the user to request the list of SO mirror accounts of a specific direct participant by indicating the BIC11 of this participant. The list will be returned via ReturnStandingOrderMirror.

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Structure:

Name Proprietary message	<PrtryMsg>
Message Identification	<MsgId>
Reference	<Ref>a messeage identifier</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryData>
Proprietary Data type	<Tp>GetStandingOrderMirror</Tp>
SSP Proprietary Data	<SspPrtryDt>
Message type for static data	<GetStandingOrderMirror>
SearchCriteria	<SchCrit>
Participant Identification	<PtcptId>
BIC Participant	<BICPtcpt>SETTBANKIDT</BICPtcpt>
Participant Identification	<PtcptId>
End of SearchCriteria	</SchCrit>
Message type for static data (End)	</GetStandingOrderMirror>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryData>
End proprietary message	</PrtryMsg>

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A
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A
A

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	A
<MsgId>		Message Identification Mandatory	Validation: [1..1]	A
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	A
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	A
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	A
<Tp>-</Tp>		Proprietary Data type Mandatory	Proprietary Data type Validation: [1..1] Here the value should be GetStandingOrderMirror	A
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	A
<GetStandingOrderMirror>		Message type for static data Mandatory	Validation: [1..1]	A
<SchCrit>		SearchCriteria Optional	Validation: [0..1]If not present the BIC for which the standing order is requested will be the work as BIC matching the requestor DN. If there is more than one the message will be rejected (error code X46 se Book 4 chapter 5)	A
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	A
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Participant. BIC11 of the participant for which the SO are requested. If not present the BIC will be the work as BIC matching the requestor DN. Validation: [1..1]	A
<PtcptId>		Participant Identification	Participant Identification	A

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
</SchCrit>		End of SearchCriteria		A
		Optional	Validation: [0..1]	
</GetStandingOrderMirror>		Message type for static data (End)		A
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	A
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	A
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		A
		Mandatory	Validation:	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnStandingOrderMirror

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GetStandingOrderMirror_SD_1

A

Scope: The user request the list of SO mirror accounts of a specific direct participant by indicating the BIC11 of this participant.

Name Proprietary message	<PrtryMsg>	A
Message Identification	<MsgId>	A
Reference	<Ref>REQUESTFORSO</Ref>	A
End Message Identification	</MsgId>	A
Proprietary Data	<PrtryData>	A
Proprietary Data type	<Tp>GetStandingOrderMirror</Tp>	A
SSP Proprietary Data	<SspPrtryDt>	A
Message type for static data	<GetStandingOrderMirror>	A
SearchCriteria	<SchCrit>	A
Participant Identification	<PtcptId>	A
BIC Participant	<BICPtcpt>SETTBANKIDT</BICPtcpt>	A
Participant Identification	<PtcptId>	A
End of SearchCriteria	</SchCrit>	A
Message type for static data (End)	</GetStandingOrderMirror>	A
End of SSP Proprietary Data	</SspPrtryDt>	A
End of Proprietary Data	</PrtryData>	A
End proprietary message	</PrtryMsg>	A

6. 5.20 GetSubAccount

SSP Proprietary Messages

GetSubAccount_SD

Scope: Aim :
It is used to get information on sub account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the sub account and the responsible Central Bank.
- Data used by requestor to get information on sub account may be:
 - Account status
 - Modification date (ie activation date of modification)

Postcondition success :
The information on the requested sub-account is delivered to the application.

Postcondition failure :
An error message with the relevant error code is issued.

XML Request :
Get sub account

XML Response :
Return sub account

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Participant Identification

CB Responsible

BIC Participant

End of Participant Identification

Account Identification

Record Status

DateSearchChoice

choice

Date From

Date Till

FromToDate

Date From

Date Till

End FromToDate

End of choice

End of Date Search

End of Account Identification

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetSubAccount</Tp>

<SspPrtryDt>

<GetSubAccount>

<SchCrit>

<PtcptId>

<Ctry>FR</Ctry>

<BICPtcpt>AAAAFRPPXXX</BICPtcpt>

</PtcptId>

<AcctId>

<ListOfSts>AC</ListOfSts>

<DtSch>

<xorFrDtToDtFrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

<FrToDt>

<FrDt>2007-01-02</FrDt>

<ToDt>2007-02-27</ToDt>

</FrToDt>

</xorFrDtToDtFrToDt>

</DtSch>

</AcctId>

</SchCrit>

</GetSubAccount>

</SspPrtryDt>

End of Proprietary Data
End proprietary message

| </PrtryData>
 </PrtryMsg>

| M
| M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetSubAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	
<Ctry>-</Ctry>	2lc	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".	

name of attribute	format	short description	description
			In this case, this is the BIC 11 of a Participant.
		Mandatory	Validation: [1..1]
</PtcptId>		End of Participant Identification Mandatory	End of Participant Identification Validation: [1..1]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<ListOfSts>-</ListOfSts>	2x	Record Status	List of values : "AC" for Active + In deletion (technical) + In Delivery (technical) "FU" for Future "AR" for Archived + Archived Future + Rejected "IC" for In change "AL" for all statuses "AF" for Active + In deletion (technical) + Future + In Delivery (technical) For more information on status, please read the ICM UserHandBook. Mandatory Validation: [1..1]
<DtSch>		DateSearchChoice Optional	A choice between search criteria based on dates and date ranges. Validation: [0..1]
xorFrDtToDtFrToDt		choice Optional	choice amongst <FrDt>, <ToDt> or <FrToDt> Validation:
<FrDt>-</FrDt>	ISODate	Date From Optional	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till Optional	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Validation: [0..1]
<FrToDt>		FromToDate Optional	A particular time span specified between a start date and an end date. Validation: [0..1]
<FrDt>-</FrDt>	ISODate	Date From Optional	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Validation: [0..1]
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).

name of attribute	format	short description	description
		Optional	Validation: [0..1]
</FrToDt>		End FromToDate	End of a particular time span specified between a start date and an end date.
		Optional	Validation: [0..1]
/xorFrDtToDtFrToDt		End of choice	end of choice amongst <FrDt>, <ToDt> or <FrToDt>
		Optional	Validation:
</DtSch>		End of Date Search	End of Date Search
		Optional	Validation: [0..1]
</AccId>		End of Account Identification	End of Account Identification
		Mandatory	Validation: [1..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Mandatory	Validation: [1..1]
</GetSubAccount>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required Remark: checked by ICM / ReturnSubAccount

6. 5.21 GetT2Wildcard

SSP Proprietary Messages

GetT2Wildcard_SD

Scope: Aim :
It is used to get information on TARGET2 wildcard.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant and the responsible Central Bank.
- Data used by requestor to get information on TARGET2 wildcard may be:
–TARGET2 wildcard status

Postcondition success :
The information on the requested TARGET2 wildcard is delivered to the application.

Postcondition failure :
An error message with the relevant error code is issued.

XML Request :
Get T2WildCard

XML Response :
Return T2WildCard

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SearchCriteria

Participant Identification

CB Responsible

BIC Participant

End of Participant Identification

T2WildCard Identification

Record Status

Type

End of T2WildCard Identification

End of SearchCriteria

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>GetT2Wildcard</Tp>

<SspPrtryDt>

<GetT2Wildcard>

<SchCrit>

<PtcptId>

<Ctry>FR</Ctry>

<BICPtcpt>BKAAFRPPXXX</BICPtcpt>

</PtcptId>

<WCardId>

<RecSts>AC</RecSts>

<WCardTp>.</WCardTp>

</WCardId>

</SchCrit>

</GetT2Wildcard>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<GetT2Wildcard>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Defines the criteria used to search for. Validation: [1..1]	
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	
<Ctry>-</Ctry>	2lc	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".	

name of attribute	format	short description	description
			In this case, this is the BIC 11 of a Participant.
		Mandatory	Validation: [1..1]
</PtcptId>		End of Participant Identification Mandatory	End of Participant Identification Validation: [1..1]
<WCardId>		T2WildCard Identification Mandatory	T2WildCard Identification Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook. Mandatory Validation: [1..1]
<WCardTp>-</WCardTp>	1!a	Type Mandatory	Flag indicating whether the rule is included or excluded. Values may be : 'I' for Inclusion 'E' for Exclusion 'A' for getting all type of Wildcard (used for 'Get' XML Message). Validation: [1..1]
</WCardId>		End of T2WlidCard Identification Mandatory	End of T2WlidCard Identification Validation: [1..1]
</SchCrit>		End of SearchCriteria Mandatory	End of SearchCriteria Validation: [1..1]
</GetT2Wildcard>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]

name of attribute	format	short description	description
</PrtryMsg>		End proprietary message	M
		Mandatory	Validation:

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnT2Wildcard

6. 5.22 ModifyHAMAccount (for CBs only)

SSP Proprietary Messages

ModifyHAMAccount_SD

Scope: Aim :

It is used to create or modify HAM account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the HAM account and the responsible CB.
- Data used by requestor to enter or modify information on HAM account may be:
 - Update Flag
 - HAM account Number
 - HAM account type
 - Notification BIC
 - Notification MT 202 (flag Y/N)
 - Notification MT 900 (flag Y/N)
 - Notification MT 910 (flag Y/N)
 - Balance Report
 - BIC of the co-manager
 - Activation date of the update

XML Request :

Modify HAM Account

XML Response :

Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

HAM Account

CB Responsible

BIC

Record Status all Modify and Delete messages

Account Information

Update Flag

HAM Account Number

HAM Account Type

Notification BIC

Accept MT202 Notify

Accept MT900 Notify

Accept MT910 Notify

Balance Report

BIC Co Manager

Activation Date

End of Account Information

End of HAM Account

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>ModifyHAMAccount</Tp>

<SspPrtryDt>

<ModifyHAMAccount>

<HAMAcct>

<Ctry>FR</Ctry>

<BIC>AAAAFRPPXXX</BIC>

<RecSts>-</RecSts>

<AcctInf>

<UpdtFlag>N</UpdtFlag>

<HamAcctNb>FR581200074</HamAcctNb>

<HamAcctTp>SU</HamAcctTp>

<NtfctnBIC>AAAAFRPPHAM</NtfctnBIC>

<Ntfctn202LqdyTrf>Y</Ntfctn202LqdyTrf>

<Ntfctn900>Y</Ntfctn900>

<Ntfctn910>Y</Ntfctn910>

<BalRpt>940</BalRpt>

<CmngnBIC>AAAAGB2LXXX</CmngnBIC>

<ActDt>2007-03-15</ActDt>

</AcctInf>

</HAMAcct>

</ModifyHAMAccount>

</SspPrtryDt>

</PrtryData>

End proprietary message

</PrtryMsg>

I M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ModifyHAMAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<HamAcct>		HAM Account Mandatory	HAM Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the HAM Account Holder (BIC Participant) Validation: [1..1]	

name of attribute	format	short description	description
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	Status of the record. List of values : "AC" for Active "FU" for Future "IC" for In Change For more information on status management, please read the ICM UserHandBook.
		Optional	Validation: [0..1]
<AcctInf>		Account Information	Account Information
		Mandatory	Validation: [1..1]
<UpdtFlag>-</UpdtFlag>	1!a	Update Flag	Flag used in "Modify" XML Message to indicate the type of update : "N" for new entry "U" for update of an existing entry
		Mandatory	Validation: [1..1]
<HamAcctNb>-</HamAcctNb>	2!c32x	HAM Account Number	Account Number. Length 34 characters. The first two characters represent the country code of the responsible CB. The Account Number is unique within the HAM.
		Mandatory	Validation: [1..1]
<HamAcctTp>-</HamAcctTp>	3x	HAM Account Type	Indicates the type of HAM Account. Values may be : "SU" for normal HAM Account "CB" for CB HAM Account "CU" for CB Customer Account "LB" for CB Customer Liquidity Bridge Account (technical) "SFI" for Standing Facilities Interests Account (technical) "RIP" for RM interests and penalty Account (technical) "HAI" for HAM Interests Account (technical) "T2F" for Target 2 Fees Account (technical)
		Mandatory	Validation: [1..1]
<NtfctnBIC>-</NtfctnBIC>	4!a2!a2!c[3!c]	Notification BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC used for all notification messages in HAM.
		Optional	Validation: [0..1]
<Ntfctn202LqdyTrf>-</Ntfctn202LqdyTrf>	1!a	Accept MT202 Notify	For HAM Account in case of liquidity transfer : A flag with two values : 'Y' or 'N'. This flag indicates that the participant has chosen to receive MT202 in case of liquidity transfer
		Optional	Validation: [0..1]
<Ntfctn900>-</Ntfctn900>	1!a	Accept MT900 Notify	For HAM Account : A flag with two values : 'Y' or 'N'. This flag indicates that the participant has chosen to

name of attribute	format	short description	description
			receive MT900 for each debit
		Mandatory	Validation: [1..1]
<Ntfctn910>-</Ntfctn910>	1!a	Accept MT910 Notify	A flag with two values : 'Y' or 'N'. This flag indicates that the participant has chosen to receive MT910 for each credit.
		Mandatory	Validation: [1..1]
<BalRpt>-</BalRpt>	3!n	Balance Report	This is the Swift message type for Balance Report. List of values : "940", "950" or "none"
		Mandatory	Validation: [1..1]
<CmngnBIC>-</CmngnBIC>	11x	BIC Co Manager	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Co Manager (Participant BIC).
		Optional	Validation: [0..1]
<ActDt>-</ActDt>	ISODate	Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Mandatory	Validation: [1..1]
</AcctInf>		End of Account Information	End of Account Information
		Mandatory	Validation: [1..1]
</HAMAcct>		End of HAM Account	End of HAM Account
		Mandatory	Validation: [1..1]
</ModifyHAMAccount>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5.23 ModifyLimit

Cash Management Standard

ModifyLimit_SD

M

Scope: The ModifyLimit message sent to SD is used to define or modify

- one or several bilateral standing order limits
- the standing order multilateral limit
- all standing orders for bilateral limits (only modification of existing standing orders)

The modification becomes effective the next business day.

Bilateral limit against accounts without non-liability of cover is not allowed.

The value 0,00 is possible for deletion of standing order limits.

When the last standing order for bilateral limit is deleted the standing order for multilateral limit is deleted automatically. (There will be no task for an automatic deletion!)

The ModifyLimit message can be sent by the application of a direct PM participant or the application of a group of accounts manager "virtual account" (definition and change of limits possible for the whole group only, not for the single account holder).

If a participant is a member of an account group, the limit can only be defined against the whole group. Therefore limits that are defined against an account group have to be defined against the account owner (BIC) of the group of accounts manager.

The ModifyLimit message is replied by a Receipt message. The Receipt can contain multiple ReceiptDetails - one per affected standing order. Different to the procedure in case of other writing requests the RelatedReference returned for every task is not the SD task queue reference but the BIC of bilateral counterpart (has to be unique) or codeword MULT. The usage of GetTask sent to SD is not suitable (and not supported here because the task queue reference is replaced by counterpart BIC) because the final status of order processing is returned in the Receipt. OK means the order is processed successfully. In case of problems an error is returned.

In case a remarkable number of standing orders shall be modified by sending only one request it may happen that a time-out message is returned. Then the customer application needs to send a GetPendingData request to get the Receipt with the order results.

Non-Repudiation of Emission (NRE) is supported.

<camt.011.001.xx>

Structure:

Message name for ModifyLimit

<ModfyLmt>

M

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

LimitDetails

<LmtDtls>

M

Choice

xorDfltLmtIdAllDfltLmts

A

Limit Identification Details

<DfltLmtId>

BilateralLimitCounterpartyId

<BilLmtCtrPtyId>

BIC

<BIC>DEUTDEFFXXX</BIC>

M

End of BilateralLimitCounterpartyId

</BilLmtCtrPtyId>

Limit Type Code

<Tp>BILI</Tp>

M

Account Owner

<AcctOwnr>DRESDEFFXXX</AcctOwnr>

M

End of Limit Identification Details

</DfltLmtId>

Limit Identification Details

<AllDfltLmts>

A

Limit Type Code

<Tp>BILI</Tp>

A

Account Owner

<AcctOwnr>DRESDEFFXXX</AcctOwnr>

A

End of Limit Identification Details

</AllDfltLmts>

A

End of Choice

/xorDfltLmtIdAllDfltLmts

A

NewLimitValueSet

<NewLmtValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>80000000.00</AmtWthtCcy>

M

End of Amount

</Amt>

End of NewLimitValueSet

</NewLmtValSet>

End Limit details structure
End Message Type

| </LmtDtIs>
 </ModifyLmt>

| M
| M

Attributes:

name of attribute	format	short description	description	
<ModifyLmt>		Messagename for ModifyLimit Mandatory A2A	Messagename for ModifyLimit Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]	
<LmtDtls>		LimitDetails Mandatory A2A	Identification of the details of one particular limit. Validation: [1..n] differs from the cash management standard. Only <DfltLmtId> or <AllDfltLmts> is allowed.	M
xorDfltLmtIdAllDfltLmts		Choice Mandatory	Choice amongst <DfltLmtId> and <AllDfltLmts> Validation:	A
<DfltLmtId>		Limit Identification Details Mandatory A2A	Identification of the management default limit. ManagementDefaultLimitIdentification Validation: [1..1]	
<BilLmtCtrPtyId>		BilateralLimitCounterpartyId Optional A2A	Unique and unambiguous identification of a member within a system, assigned using the member identification scheme of the system. Validation: [0..1] Counterpart is filled in the case of an asked Bilateral Limit, Counterpart definition is possible for Liquidity Limits	
<BIC>-</BIC>	11x	BIC Mandatory A2A	BICIdentifier Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. Validation: [1..1] The BIC has to be valid and must indicate a RTGS account in SSP. The BIC mustn't match with the account owner. It has to be unique in the request.	M

name of attribute	format	short description	description
			<p>In case the counterpart is part of a virtual account the BIC of the group of accounts manager has to be used instead.</p> <p>A bilateral limit against accounts without non-liability of cover is not allowed.</p>
</BilLmtCtrPtyId>		<p>End of BilateralLimitCounterpartyId</p> <p>Optional</p> <p>A2A</p>	<p>End ofBilateralLimitCounterpartyIdentification</p> <p>Validation:</p> <p>[0..1]</p>
<Tp>-</Tp>		<p>Limit Type Code</p> <p>Mandatory</p> <p>A2A</p>	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to ist indirect participant. The limit represents the maximum amount the indirect participant can use to settle ist operations.</p> <p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p> <p>for Limits Defined Limit (Standing Order)</p> <p>Validation:</p> <p>[1..1] only BILI and MULT can be used in SSP. MULT mustn't be used more than once per request.</p>
<AcctOwnr>-</AcctOwnr>	11x	<p>Account Owner</p> <p>Optional</p> <p>A2A</p>	<p>BICIdentifier</p> <p>e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.</p> <p>BIC of the RTGS main account/ in case of group of accounts BIC of the GoA manager</p> <p>Validation:</p> <p>[0..1] In case of "on behalf" scenario (sending party not Account Owner) mandatory. When not stated the BIC of the participant is used. Sender has to be authorized to work on behalf of the stated AccountOwner. - CB may only fill in BICs of participants she is responsible for; GoA manager may only use their own BICs. Only one occurence of an element <AcctOwnr> is allowed.</p>

name of attribute	format	short description	description	
</DfltLmtId>		End of Limit Identification Details Mandatory A2A	End of Identification Details default Limits Validation: [1..1]	
<AlIDfltLmts>		Limit Identification Details Mandatory A2A	Used to modify all limits Be aware using this element is only for modification or deletion of existing standing orders. Validation: [1..1]	A
<Tp>-</Tp>		Limit Type Code	<p>GLBL = Global Maximum value set by either the transaction administrator or by a member for the participation of a member in the system. The global limit may be expressed as a credit or debit maximum value and is taken into account by the transaction administrator when processing transaction inside the system. With the help of the global limit, the direct participant may limit the use of liquidity when clearing specific type of payments.</p> <p>BILI = Bilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum amount of traffic party setting the limit can send to that counterparty. The limit can be expressed as a debit or a credit limit. With the help of a bilateral limit, the direct participant restricts the use of liquidity when clearing payments with another direct participant.</p> <p>MULT = Multilateral Limit is a maximum amount value applied to, or by, a participant to a set of counterparties. The multilateral limit is taken into account by the transaction administrator to contain the risk in the system. With the help of the multilateral limit, the direct participant restricts the use of liquidity when clearing payments with all other direct participants for which no bilateral limit is set.</p> <p>INBI = IndirectBilateral Limit is a maximum value set by a direct participant with respect to ist indirect participant. The limit represents the maximum amount the indirect participant can use to settle ist operations.</p> <p>NELI = NetBilateral Limit is applied by one party to a specific counterparty, and corresponds to the maximum net balance acceptable by the party that is setting the limit. The limit is calculated as an arithmetic sum in value of the bilateral flows exchanged between the two parties. The net bilateral limit can be expressed as a debit or a credit balance.</p> <p>If <Tp> is filled with BILI then for every bilateral counterpart a separate task is generated and a list of all counterpart BICs is provided in the Receipt (in RltdRef/Ref).</p> <p>Validation: [1..1] In SSP only BILI and MULT are allowed. MULT mustn't be used more than once per request.</p>	A
<AcctOwnr>-</AcctOwnr>	11x	Account Owner Optional A2A	<p>BICIdentifier</p> <p>e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community.</p> <p>BIC of the RTGS main account/ in case of group of accounts BIC of the GoA manager</p> <p>Validation: [0..1] In case of "on behalf" scenario (sending party not Account Owner) mandatory. When not stated the BIC of the participant is used.</p>	A

name of attribute	format	short description	description	
			Sender has to be authorized to work on behalf of the stated AccountOwner. - CB may only fill in BICs of participants she is responsible for; GoA manager may only use their own BICs. Only one occurrence of an element <AcctOwnr> is allowed.	
</AIIDfltLmts>		End of Limit Identification Details Mandatory A2A	Validation: [1..1]	A
/xorDfltLmtldAIIDfltLmts		End of Choice Mandatory	Validation:	A
<NewLmtValSet>		NewLimitValueSet Mandatory A2A	New limit values. Maximum value used for risk containment in a system or towards counterparts. The limit may be a current limit or a default limit. Validation: [1..1]	
<Amt>		Amount Mandatory A2A	Validation: [1..1]	
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency Mandatory A2A	Number of monetary units specified in a currency where the unit of currency is implied by the context. totalDigits = 18 fractionDigits = 5 New multilateral Limit Standing Order or new bilateral Limit Standing Order Validation: [1..1] Only 2 fraction digits are possible. Value restriction: maximum value 999.999.999.999,99. Limit value must be 1 million or more. The value 0,00 is possible for deletion of limits.	M
</Amt>		End of Amount Mandatory A2A	Validation: [1..1]	
</NewLmtValSet>		End of NewLimitValueSet Mandatory A2A	End of NewLimitValueSet Validation: [1..1]	
</LmtDtls>		End Limit details structure Mandatory A2A	Validation: [1..n]	M
</ModifyLmt>		End Message Type Mandatory A2A	Validation:	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
3	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
4	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: DfltLmtld/AcctOwnr (profile credit institution) value must indicate the credit institution itself or a participant who the credit institution is entitled to act on behalf of Remark: checked by ICM / Receipt
5	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: DfltLmtld/AcctOwnr (profile group of accounts manager) value must indicate the group of accounts manager of Remark: checked by ICM / Receipt
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: DfltLmtld/AcctOwnr (profile central bank) value must indicate the central bank itself or a participant the central bank is responsible for Remark: checked by ICM / Receipt
7	P12	-	-	P012	Error Text: Modification, setting or deletion of limits not possible Validation: BilLmtCtrPtyld/BIC value must not indicate the participant itself (self-addressed bilateral limit is not allowed) Remark: checked by ICM / Receipt
8	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: DfltLmtld/AcctOwnr value must indicate a SSP participant, BIC of the RTGS account which will be modified, has to be valid Remark: checked by ICM / Receipt
9	P51	-	-	P051	Error Text: BIC Bilateral Counterpart does not exist Validation: BilLmtCtrPtyld/BIC value must indicate a SSP participant Remark: checked by ICM / Receipt
10					Error Text: Validation: Remark:
11					Error Text:

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
					Validation:	
					Remark:	
12					Error Text:	D
					Validation:	
					Remark:	
13					Error Text:	D
					Validation:	
					Remark:	
14					Error Text:	D
					Validation:	
					Remark:	
15					Error Text:	D
					Validation:	
					Remark:	
16	P30	-	-	P030	Error Text: Only one occurrence of the element <AcctOwnr> per message is allowed. Validation: If element <AcctOwnr> is used it may only occur once. Remark: checked by ICM / Receipt	A
17	P31	-	-	P031	Error Text: The modification or removal of a multilateral limit is allowed only once per message. Validation: The modification or removal of a multilateral limit may be requested only once per request. If type "MULT" occurs more than once an error message will be returned. Remark: checked by ICM / Receipt	A
18	P32	-	-	P032	Error Text: The same counterpart-BIC is only allowed not more than once per message. Validation: Any bilateral counterpart can only occur once in a message. Remark: checked by ICM / Receipt	A
19	P33	-	-	P033	Error Text: Invalid use of <AllCurLmts> or <AllDfltLmts>. Validation: If <AllDfltLmts> is used in a request, <LmtDtls> should occur at most twice. - Repetition only allowed if different limit types ("BILI" + "MULT") are filled in. Remark: checked by ICM / Receipt	A
20	P33	-	-	P033	Error Text: Invalid use of <AllCurLmts> or <AllDfltLmts>. Validation: It is not allowed to set a new value unequal to zero for multilateral limit if the modification of all bilateral limits to zero is requested in the same message. Remark: checked by ICM / Receipt	A
21	P33	-	-	P033	Error Text: Invalid use of <AllCurLmts> or <AllDfltLmts>. Validation: Modification of single limits in combination with 'All' is forbidden. (<DfltLmtId> and <AllDfltLmts> should never be found together in one request) Remark: checked by ICM / Receipt	A

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
22					<div>Error Text:</div> <div>Validation:</div> <div>Remark:</div>

D

ModifyLimit_SD_1

Scope: Modify Limit, modification of a multilateral default /standing order limit (Sending party and Account Owner are identic)

Messagename for ModifyLimit

Message Identification

Identification

End Message Identification

LimitDetails

Limit Identification Details

Limit Type Code

End of Limit Identification Details

NewLimitValueSet

Amount

Amount without currency

End of Amount

End of NewLimitValueSet

End Limit details structure

End Message Type

<ModfyLmt>

<MsgId>

| <Id>ABCDEFGHIJKLMNOPQRSTUVWXYZabcdefghi</Id>

</MsgId>

<LmtDtls>

| <DfltLmtId>

| <Tp>MULT</Tp>

</DfltLmtId>

<NewLmtValSet>

| <Amt>

| <AmtWthtCcy>80000000.00</AmtWthtCcy>

| </Amt>

</NewLmtValSet>

</LmtDtls>

</ModfyLmt>

M

M

ModifyLimit_SD_2

Scope: Modify Limit: change bilateral standing order limit against counterpart, on behalf of third party (Sending party and Account Owner are different)

MessageName for ModifyLimit

Message Identification

Identification

End Message Identification

LimitDetails

Limit Identification Details

BilateralLimitCounterpartyId

BIC

End of BilateralLimitCounterpartyId

Limit Type Code

Account Owner

End of Limit Identification Details

NewLimitValueSet

Amount

Amount without currency

End of Amount

End of NewLimitValueSet

End Limit details structure

End Message Type

<ModifyLmt>

<MsgId>

<Id>ABC123456</Id>

</MsgId>

<LmtDtls>

<DfltLmtId>

<BilLmtCtrPtyId>

<BIC>DRESDEFFXXX</BIC>

</BilLmtCtrPtyId>

<Tp>BILI</Tp>

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

</DfltLmtId>

<NewLmtValSet>

<Amt>

<AmtWthtCcy>6600000.00</AmtWthtCcy>

</Amt>

</NewLmtValSet>

</LmtDtls>

</ModifyLmt>

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ModifyLimit_SD_3

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Scope: Setting the multilateral standing order limit to one value (Sending party and Account Owner are different)

MessageName for ModifyLimit	<ModfyLmt>
Message Identification	<Msgld>
Identification	<Id>ABC123</Id>
End Message Identification	</Msgld>
LimitDetails	<LmtDtIs>
Limit Identification Details	<DfltLmtId>
Limit Type Code	<Tp>MULT</Tp>
Account Owner	<AcctOwnr>DRESDEFF</AcctOwnr>
End of Limit Identification Details	</DfltLmtId>
NewLimitValueSet	<NewLmtValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>1000000</AmtWthtCcy>
End of Amount	</Amt>
End Limit details structure	</LmtDtIs>
End Message Type	</ModfyLmt>

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6. 5.24 ModifyReservation

Cash Management Standard

ModifyReservation_SD

Scope: The ModifyReservation message is used to

- define a standing order reservation (highly urgent or urgent) which becomes effective from the next business day
- modify the standing order reservation (highly urgent or urgent) which become effective from the next business day

The ModifyReservation message can be sent by the application of a direct PM participant or the application of a group of accounts manager ("virtual account" reservation of liquidity possible for the whole group only, not for the single account holder).

If a participant is a member of an account group, the limit can only be defined against the whole group. Therefore limits that are defined against an account group have to be defined against the account owner (BIC) of the leading account of the group.

The ModifyReservation message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.048.001.xx>

Structure:

Messsge name for ModifyReservation

<ModifyRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

DefaultReservationId

<DfltRsvatnId>

ReservationTypeCode

<Tp>HPAR</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of DefaultReservationId

</DfltRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>10000000.00</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModifyRsvatn>

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Attributes:

name of attribute	format	short description	description
<ModifyRsvatn>		Messsge name for ModifyReservation Mandatory A2A	Messsge name for ModifyReservation Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]
<DfltRsvatnId>		DefaultReservationId Mandatory A2A	DefaultReservationIdentification Validation: [1..1]
<Tp>-</Tp>		ReservationTypeCode Mandatory A2A	ReservationTypeCode CARE = CashReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing cash withdrawals. UPAR = UrgentPaymentReservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing urgent payments. HPAR = HighlyUrgentPayment reservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for executing highly urgent payments. NSSR = NetSSSRreservation Amount set aside by a participant to reserve liquidity from ist own account, exclusively for the settlement of the multilateral cash balance stemming from the Net Security Settlement System. THRE = Threshold for investment Amount above which funds will be destined for investment Validation: [1..1] in PM only HPAR and UPAR are used
<AcctOwnr>-</AcctOwnr>	11x	Account Owner Optional	BICIdentifier e.g. needed on behalf of third parties if e. g. the NCB are able to start several transactions on behalf their national banking community. in case of group of accounts BIC of the leading account of the group Validation:

name of attribute	format	short description	description
		A2A	[0..1] mandatory when BIC RTGS main account is used on behalf of third parties, when not stated the BIC of the participant is used
</DfltRsvatnId>		End of DefaultReservationId	End of DefaultReservationIdentification
		Mandatory	Validation:
		A2A	[1..1]
<NewRsvatnValSet>		NewReservationValueSet	NewReservationValueSet
		Mandatory	Validation:
		A2A	[1..1] new total amount for the reservation
<Amt>		Amount	
		Mandatory	Validation:
		A2A	[1..1]
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context. totalDigits = 18 fractionDigits = 5 Amount in EUR
		Mandatory	Validation:
		A2A	[1..1] in PM only 2 fraction digits are possible value restriction: maximum value 999.999.999.999,99
</Amt>		End of Amount	
		Mandatory	Validation:
		A2A	[1..1]
</NewRsvatnValSet>		End of NewReservationValueSet	End of NewReservationValueSet
		Mandatory	Validation:
		A2A	[1..1]
</ModfyRsvatn>		End of messsge name for ModifyReservation	End of messsge name for ModifyReservation
		Mandatory	Validation:
		A2A	

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
3	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
4	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: DfltRsvatnId/AcctOwnr (profile credit institution) value must indicate the credit institution itself or a participant who the credit institution is entitled to act on behalf of Remark: checked by ICM / Receipt
5	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: DfltRsvatnId/AcctOwnr (profile group of accounts manager) value must indicate the group of accounts manager Remark: checked by ICM / Receipt
6	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: DfltRsvatnId/AcctOwnr (profile central bank) value must indicate the central bank itself or a participant the central bank is responsible for Remark: checked by ICM / Receipt
7	P53	-	-	P053	Error Text: RTGS account does not exist or is not valid Validation: DfltLmtId/AcctOwnr value must indicate a SSP participant (BIC of the RTGS account which will be modified, has to be valid) Remark: checked by ICM / Receipt
8					Error Text: Validation: Remark:
9					Error Text: Validation: Remark:
10					Error Text: Validation: Remark:
11					Error Text:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Validation:

Remark:

ModifyReservation_SD_1

Scope: Modify standing order reservation for urgent payments. Behalf of scenario, Sending party and BIC SSP-Participant (AccountOwner) are different.

Messsge name for ModifyReservation

<ModifyRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

DefaultReservationId

<DfltRsvatnId>

ReservationTypeCode

<Tp>UPAR</Tp>

Account Owner

<AcctOwnr>DEUTDEFFXXX</AcctOwnr>

End of DefaultReservationId

</DfltRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>50000000.00</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModifyRsvatn>

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ModifyReservation_SD_2

Scope: Modify standing order reservation for highly urgent payments. Sending party and BIC SSP-Participant are identic.

Messsge name for ModifyReservation

</ModfyRsvatn>

Message Identification

<MsgId>

Identification

<Id>ABC123</Id>

End Message Identification

</MsgId>

DefaultReservationId

<DfltRsvatnId>

ReservationTypeCode

<Tp>HPAR</Tp>

End of DefaultReservationId

</DfltRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>50000000.00</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModfyRsvatn>

6. 5.25 ModifyRTGSAccount (for CBs only)

SSP Proprietary Messages

ModifyRTGSAccount_SD

Scope: Aim :
It is used to create or modify RTGS account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the RTGS account and the responsible Central Bank.
- Data used by requestor to enter or modify information on RTGS Account may be:
 - RTGS account Number
 - Accept advice (flag Y/N)
 - Balance Report (flag Y/N)
 - Credit Based Only (flag Y/N)
 - Information on Liquidity Removal
 - Maximum amount per day for direct debit
 - Information on Group of Accounts Assignment
 - Activation date of the update

XML Request :
Modify RTGS Account

XML Response :
Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

RTGS Account

CB Responsible

BIC

Record Status all Modify and Delete messages

Account Information

Update Flag

RTGS Account Number

RTGS Account Type

Accept MT900/910

Balance Report

Credit Based Only

Maximum Amount per day

Contingency Account Number

Receiver BIC for Liq Removal Daylight

Account for Liq Removal Daylight

Receiver BIC for Liq Removal EoD

Account for Liq Removal EoD

Virtual Account

Group of Accounts ID

End of Virtual Account

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>ModifyRTGSAccount</Tp>

<SspPrtryDt>

<ModifyRTGSAccount>

<RTGSAcct>

<Ctry>FR</Ctry>

<BIC>AAAAFRPPXXX</BIC>

<RecSts>-</RecSts>

<AcctInf>

<UpdtFlag>N</UpdtFlag>

<RTGSAcctNb>30030000154200120142</RTGSAcctNb>

<RTGSAcctTp>CI</RTGSAcctTp>

<AccptAdv>Y</AccptAdv>

<BalRpt>950</BalRpt>

<CdtsBsd>Y</CdtsBsd>

<MxAmntDay>1000000000.00</MxAmntDay>

<CtgncyAcctNb>FR030000CR</CtgncyAcctNb>

<BICLqdyRmvlDayLght>AAAAFRPPPHA</BICLqdyRmvlDayLght>

<AcctLqdyRmvlDayLght>4512041744400</AcctLqdyRmvlDayLght>

<BICLqdyRmvlEoD>AAAAFRPPPHA</BICLqdyRmvlEoD>

<AcctLqdyRmvlEoD>45120417445147</AcctLqdyRmvlEoD>

<VrtlAcct>

<GOAId>000010FR</GOAId>

</VrtlAcct>

Consolidated Information	<CnsltdInf>
Group of Accounts ID	<GOAId>000020FR</GOAId>
End of Consolidated Information	</CnsltdInf>
Activation Date	<ActDt>2007-03-15</ActDt>
End of Account Information	</AcctInf>
End of RTGS Account	</RTGSAcct>
End of Message Type	</ModifyRTGSAccount>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryData>
End proprietary message	</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ModifyRTGSAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<RTGSAcct>		RTGS Account Mandatory	RTGS Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the RTGS Account Holder (BIC Participant). Validation: [1..1]	

name of attribute	format	short description	description
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	Status of the record. List of values : "AC" for Active "FU" for Future "IC" for In Change For more information on status management, please read the ICM UserHandBook. Optional Validation: [0..1]
<AcctInf>		Account Information	Account Information Mandatory Validation: [1..1]
<UpdtFlag>-</UpdtFlag>	1!a	Update Flag	Flag used in "Modify" XML Message to indicate the type of update : "N" for new entry "U" for update of an existing entry Mandatory Validation: [1..1]
<RTGSAcctNb>-</RTGSAcctNb>	2!c32x	RTGS Account Number	Account Number. Length 34 characters. First two characters represent the country code of the responsible CB. Mandatory Validation: [1..1]
<RTGSAcctTp>-</RTGSAcctTp>	3x	RTGS Account Type	Indicates the type of RTGS Account. Values may be : "CI" for Credit Institution Account "CB" for Central Bank Account "LB" for CB Customer Liquidity Bridge Account (technical) "SFI" for Standing Facilities Interests Account (for CB only) "RIP" for RM interests and penalty Account (for CB only) "T2F" for Target 2 Fees Account (for CB only) "EC" for ECB Account (Technical) "ECM" for ECB Mirror Account (Technical) "IL" for SSP Interlinking Account (Technical) "ASM" for Ancillary System Mirror Account "AST" for Ancillary System Technical Account (Technical) "ASG" for Ancillary System Guarantee Account "CM" for Contingency Module Account (Technical) Mandatory Validation: [1..1]
<AcceptAdv>-</AcceptAdv>	1!a	Accept MT900/910	For RTGS Account : A flag with two values : 'Y' or 'N'. 'Y' means that the account holder will receive an advice (MT900 or MT910) for each debit/credit of the related RTGS Account. 'N' means that the account holder refuses to receive notification of debit/credit. Mandatory Validation: [1..1]
<BalRpt>-</BalRpt>	3!n	Balance Report	This is the Swift message type for Balance Report. List of values : "940", "950" or "none" Mandatory Validation: [1..1]
<CdtsBsd>-</CdtsBsd>	1!a	Credit Based Only	A flag with two values : 'Y' or 'N'. Used to indicate whether the related RTGS Account may

name of attribute	format	short description	description
			have an uncovered negative balance (value is 'N') or not (value is 'Y').
		Mandatory	Validation: [1..1]
<MaxAmtDay>-</MaxAmtDay> 18!d		Maximum Amount per day	Maximum Amount per day in case of Direct Debit. Amount, made of a maximum of 17 numbers and one digit (decimal coma)
		Optional	Validation: [0..1]
<CtgncyAcctNb>-</CtgncyAcctNb>	2!c32x	Contingency Account Number	Account Code. Lenght 34 characters
		Mandatory	Validation: [1..1]
<BICLqdyRmvlDaylght>-</BICLqdyRmvlDaylght>	4!a2!a2!c[3!c]	Receiver BIC for Liq Removal Daylight	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".
			In this case, this is the BIC 11 used for the liquidity removal during the day.
		Optional	Validation: [0..1]
<AcctLqdyRmvlDaylight>-</AcctLqdyRmvlDaylight>	34x	Account for Liq Removal Daylight	Account Code. Lenght 34 characters
		Optional	Validation: [0..1]
<BICLqdyRmvlEoD>-</BICLqdyRmvlEoD>	4!a2!a2!c[3!c]	Receiver BIC for Liq Removal EoD	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".
			In this case, this is the BIC 11 for liquidity removal at the end of day.
		Optional	Validation: [0..1]
<AcctLqdyRmvlEoD>-</AcctLqdyRmvlEoD>	34x	Account for Liq Removal EoD	Account Code. Lenght 34 characters
		Optional	Validation: [0..1]
<VrtlAcct>		Virtual Account	Virtual Account
		Optional	Validation: [0..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Lenght 12 characters.
		Mandatory	Validation: [1..1]
</VrtlAcct>		End of Virtual Account	End of Virtual Account
		Optional	Validation: [0..1]
<CnsltdInf>		Consolidated Information	Consolidated Information Group of Account

name of attribute	format	short description	description
		Optional	Validation: [0..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Length 12 characters.
		Mandatory	Validation: [1..1]
</CnsltdInf>		End of Consolidated Information	End of Consolidated Information
		Optional	Validation: [0..1]
<ActDt>-</ActDt>	ISODate	Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Mandatory	Validation: [1..1]
</AcctInf>		End of Account Information	End of Account Information
		Mandatory	Validation: [1..1]
</RTGSAcct>		End of RTGS Account	End of RTGS Account
		Mandatory	Validation: [1..1]
</ModifyRTGSAccount>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5.26 ModifySFAccount (for CBs only)

SSP Proprietary Messages

ModifySFAccount_SD

Scope: Aim :
It is used to create or modify SF account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the SF account and the responsible Central Bank.
- Data used by requestor to enter or modify information on SF account may be:
 - SF account number for Marginal Lending
 - SF account number for Overnight Deposit
 - Module used for settlement
 - Activation date of the update

XML Request :
Modify SF Account

XML Response :
Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

SF Account

CB Responsible

BIC

Record Status all Modify and Delete messages

Account Information

Update Flag

SF Account Number Marginal Lending

SF Account Number Overnight Deposit

Module of Settlement for SF Accounts

Activation Date

End of Account Information

End of SF Account

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>ModifySFAccount</Tp>

<SspPrtryDt>

<ModifySFAccount>

<StgFcItsAcct>

<Ctry>FR</Ctry>

<BIC>BKAAFRPPXXX</BIC>

<RecSts>-</RecSts>

<AcctInf>

<UpdtFlag>N</UpdtFlag>

<StgFcItsAcctNbMgLd>FR581200010</StgFcItsAcctNbMgLd>

<StgFcItsAcctNbOnDp>FR581200020</StgFcItsAcctNbOnDp>

<MdleSettl>-</MdleSettl>

<ActDt>2007-03-15</ActDt>

</AcctInf>

</StgFcItsAcct>

</ModifySFAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ModifySFAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<StgFcItsAcct>		SF Account Mandatory	SF Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the SF Account Holder (BIC Participant). Validation: [1..1]	

name of attribute	format	short description	description
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	Status of the record. List of values : "AC" for Active "FU" for Future "IC" for In Change For more information on status management, please read the ICM UserHandBook. Mandatory Validation: [1..1]
<AcctInf>		Account Information Mandatory	Account Information Validation: [1..1]
<UpdtFlag>-</UpdtFlag>	1!a	Update Flag Mandatory	Flag used in "Modify" XML Message to indicate the type of update : "N" for new entry "U" for update of an existing entry Validation: [1..1]
<StgFcltsAcctNbMgLf>-</StgFcltsAcctNbMgLf>	2!c32x	SF Account Number Marginal Lending Mandatory	Account Code. Lenght 34 characters Validation: [0..1]
<StgFcltsAcctNbOnDp>-</StgFcltsAcctNbOnDp>	2!c32x	SF Account Number Overnight Deposit Mandatory	Account Code. Lenght 34 characters Validation: [1..1]
<MdleSettl>-</MdleSettl>	4c	Module of Settlement for SF Accounts Mandatory	Module of Settlement for SF Accounts. List of allowed values is : - RTGS - HAM Validation: [1..1]
<ActDt>-</ActDt>	ISODate	Activation Date Mandatory	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Validation: [1..1]
</AcctInf>		End of Account Information Mandatory	End of Account Information Validation: [1..1]
</StgFcltsAcct>		End of SF Account Mandatory	End of SF Account Validation: [1..1]
</ModifySFAccount>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation:

name of attribute	format	short description	description	
				[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5.27 ModifyStandingOrder

Cash Management Standard

ModifyStandingOrder _SD

Scope: The ModifyStandingOrder message is used to

- define a standing order liquidity transfer from
the RTGS account to the sub-account
- modify a standing order liquidity transfer from
the RTGS account to the sub-account

The ModifyStandingOrder message can be sent by the application of a direct PM participant or the application of a group of accounts manager (for the latter only from RTGS account to sub-account).

The ModifyStandingOrder message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.024.001.xx>

Structure:

Message name for ModifyStandingOrder

Message Identification

Identification

End Message Identification

Identification of the standing order

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

End of Standing order Id

Standing order details

Amount

Amount without currency

End of Amount

Account Identification Credit

Identification

Simple Identification Information

Identification

End of simple Identification Information

End Identification

End of Account Identification Credit

Frequency

End of Standing order details

End of Message name for ModifyStandingOrder

<ModifyStgOrdr>

<MsgId>

<Id>ABC12345</Id>

</MsgId>

<StgOrdrId>

<AcctId>

<DmstAcct>

<Id>BE671234567891223456783</Id>

</DmstAcct>

</AcctId>

</StgOrdrId>

<NewStgOrdrValSet>

<Amt>

<AmtWthtCcy>500000.00</AmtWthtCcy>

</Amt>

<CdtAcct>

<Id>

<DmstAcct>

<Id>BE6700006789122345678</Id>

</DmstAcct>

</Id>

</CdtAcct>

<Frqcy>DAIL</Frqcy>

</NewStgOrdrValSet>

</ModifyStgOrdr>

Attributes:

name of attribute	format	short description	description	
<ModifyStgOrdr>		Messagename for ModifyStandingOrder Mandatory A2A	Messagename for ModifyStandingOrder Validation:	M
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]	
<StgOrdrId>		Identification of the standing order Mandatory A2A	Validation: [1..1]	M
<AcctId>		Account Identification Mandatory A2A	Unique and unambiguous identification for the account between the account owner and the account servicer. debited account: account number of RTGS Main Account Validation: [1..1]	
<DmstAcct>		Simple Identification Information Mandatory A2A	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held. Validation: [1..1]	
<Id>-</Id>	34x	Identification Mandatory A2A	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. Validation: [1..1] main account of the participant	
</DmstAcct>		End of simple Identification Information Mandatory A2A	Validation: [1..1]	
</AcctId>		End of Account Identification Mandatory	Unique and unambiguous identification for the account between the account owner and the account servicer. Validation:	

name of attribute	format	short description	description
		A2A	[1..1]
</StgOrdId>		End of Standing order Id	End Standing order Id
		Mandatory	Validation:
		A2A	[1..1]
<NewStgOrdValSet>		Standing order details	Standing order details New standing order value
		Mandatory	Validation:
		A2A	[1..1]
<Amt>		Amount	
		Mandatory	Validation:
		A2A	*****[1..1] differs from the cash management standard
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context. The integer part of Amount must contain at least one digit. The decimal separator is a dot '.'. It is not mandatory but included in the maximum length. The number of digits following the dot must not exceed the maximum number allowed for that specific currency as specified in ISO 4217. Standing Order New (Euro) entered data for liquidity injection for daylight or night-time processing
		Mandatory	Validation:
		A2A	[1..1] in PM 2 fraction digits are foreseen
</Amt>		End of Amount	End of Amount
		Mandatory	Validation:
		A2A	[1..1]
<CdtAcct>		Account Identification Credit	Account Details Account credited as a result of a credit entry. credited account RTGS / sub-account
		Mandatory	Validation:
		A2A	*****[1..1] differs from the cash management standard only <CdtAcct> is used in PM
<Id>		Identification	Identification Unique and unambiguous identification for the account between the account owner and the account servicer.
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held.
		Mandatory	Validation:
		A2A	[1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation:
		A2A	[1..1]
</Id>		End Identification	End Identification
		Mandatory	Validation:
		A2A	[1..1]
</CdtAcct>		End of Account Identification Credit	
		Mandatory	Validation:
		A2A	[1..1]
<Frqcy>		Frequency	ADHO = Adhoc Event takes place on request or as necessary. DAIL = Daily Event takes place every day. INDA = IntraDay Event takes place several times a day. MIAN = SemiAnnual Event takes place every six months or two times a year. MNTH = Monthly Event takes place every month or once a month. QURT = Quarterly Event takes place every three months or four times a year. WEEK = Weekly Event takes place once a week. YEAR = Annual Event takes place every year or once a year. OVNG = Overnight Even takes place overnight
		Mandatory	Validation:
		A2A	*****[1..1] differs from the cash management standard this tag should be mandatory in PM, it is needed to define nighttime and daylight processing DAIL = Standing Order for Daytime - Processing OVNG = Standing Order for Nighttime - Processing
</NewStgOrdrValSet>		End of Standing order details	End Standing order details
		Mandatory	Validation:
		A2A	[1..1]
</ModfyStgOrdr>		End of Messagename for ModifyStandingOrder	
		Mandatory	Validation:
		A2A	

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
3	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiation processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: to checked by ICM / Receipt
4	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: CdtAcct/Id/DmstAcct/Id (profile group of accounts manager) value must indicate a sub-account that belongs to a member of the group of accounts the participant is the manager of Remark: ckecked by ICM / Receipt
5	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: CdtAcct/Id/DmstAcct/Id (profile central bank) value must indicate a sub-account that belongs to the central bank itself or to a participant the central bank is responsible for Remark: ckecked by ICM / Receipt
6	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: CdtAcct/Id/DmstAcct/Id (profile credit institution) value must indicate a sub-account that belongs to the credit institution itself or to a participant the credit institution is entitled to act on behalf of Remark: ckecked by ICM / Receipt
7	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: AcctId/DmstAcct/Id (profile central bank) value must indicate a main-account that belongs to a member of the group of accounts the participant is the manager of Remark: ckecked by ICM / Receipt
8	X45	-	-	1405	Error Text: No authorisation or rather interaction not possible. User is not allowed acting on behalf of another Participant as Group of Account manager Validation: AcctId/DmstAcct/Id (profile group of accounts manager) value must indicate a main-account that belongs to a member of the group of accounts the participant is the manager of Remark: ckecked by ICM / Receipt
8	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: AcctId/DmstAcct/Id (profile credit institution) value must indicate a main-account that belongs to the credit institution itself or to a participant the credit institution is entitled to act on behalf of Remark: ckecked by ICM / Receipt

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
9					Error Text: Validation: Remark:
10					Error Text: Validation: Remark:
11					Error Text: Validation: Remark:

ModifyStandingOrder _SD_1

Scope: Request for modification of standing order: direction from RTGS main account to sub account, for daytime processing.

Message name for ModifyStandingOrder

Message Identification

Identification

End Message Identification

Identification of the standing order

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

End of Standing order Id

Standing order details

Amount

Amount without currency

End of Amount

Account Identification Credit

Identification

Simple Identification Information

Identification

End of simple Identification Information

End Identification

End of Account Identification Credit

Frequency

End of Standing order details

End of Message name for ModifyStandingOrder

<ModfyStgOrdr>

<MsgId>

<Id>ABC123456</Id>

</MsgId>

<StgOrdrId>

<AcctId>

<DmstAcct>

<Id>BE671234567891223456783</Id>

</DmstAcct>

</AcctId>

</StgOrdrId>

<NewStgOrdrValSet>

<Amt>

<AmtWthtCcy>500000.00</AmtWthtCcy>

</Amt>

<CdtAcct>

<Id>

<DmstAcct>

<Id>BE6700006789122345678</Id>

</DmstAcct>

</Id>

</CdtAcct>

<Frqcy>DAIL</Frqcy>

</NewStgOrdrValSet>

</ModfyStgOrdr>

M

M

ModifyStandingOrder_SD_2

Scope: Request for modification of standing order: Direction from RTGS main account to sub-account, nighttime processing

MessageName for ModifyStandingOrder

<ModfyStgOrdr>

Message Identification

<MsgId>

Identification

<Id>ABC12365</Id>

End Message Identification

</MsgId>

Identification of the standing order

<StgOrdrId>

Account Identification

<AcctId>

Simple Identification Information

<DmstAcct>

Identification

<Id>BE671234567891223456783</Id>

End of simple Identification Information

</DmstAcct>

End of Account Identification

</AcctId>

End of Standing order Id

</StgOrdrId>

Standing order details

<NewStgOrdrValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>500000.00</AmtWthtCcy>

End of Amount

</Amt>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Identification

<Id>BE6700006789122345678</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

End of Account Identification Credit

</CdtAcct>

Frequency

<Frqcy>OVNG</Frqcy>

End of Standing order details

</NewStgOrdrValSet>

End of MessageName for ModifyStandingOrder

</ModfyStgOrdr>

6. 5.28 ModifyStandingOrderMirror

SSP Proprietary Messages

ModifyStandingOrderMirror_SD

Scope: This message is used to modify or to create a standing order mirror account.
The only possible field for modification is the amount. Setting the amount to 0 is equivalent to deleting the SO. A SO is modified by indicating its internal id as returned in the field StgMirrorId of ReturnStandingOrderMirror.

A SO is created by specifying a new set of attributes.

<camt.998.001.xx>

Structure:

Name Proprietary message	<PrtryMsg>
Message Identification	<MsgId>
Reference	<Ref>ABC123</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryData>
Proprietary Data type	<Tp>ModifyStandingOrderMirror</Tp>
SSP Proprietary Data	<SspPrtryDt>
Message type for static data	<ModifyStandingOrder>
choice	xorCreateModify
Container for new standing order	<NewStgOrder>
Identification of the Standing Order Sender	<StgOrdId>
Participant Identification	<PtcptId>
BIC	<BIC>SETTBANKBIC</BIC>
End of Participant Identification	</PtcptId>
End of Standing Order Id Sender	</StgOrdId>
Definition of new standing order attributes	<NewStgOrdValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>80000000.00</AmtWthtCcy>
End of Amount	</Amt>
Debtor	<Dbtr>
Financial institution	<FI>
BIC	<BIC>FIELD52BICX</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
Creditor	<Cdtr>
Financial institution	<FI>
BIC	<BIC>FIELD58BICXX</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>FR12345678956</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final agent	<FnlAgt>
BIC	<BIC>MIRRORBICXX</BIC>
End of Final Agent	</FnlAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
Frequency	<Frqcy>DAIL</Frqcy>
List of standing orders (end)	</NewStgOrdValSet>

Container for new standing order (End)	</NewStgOrder>	A
Container for modified standing order	<ModStgOrdr>	A
Identification of the standing order	<StgMirrorld>123456789012345678</StgMirrorld>	A
Amount	<Amt>	A
Amount without currency	<AmtWthtCcy>80000000.00</AmtWthtCcy>	A
End of Amount	</Amt>	A
Container for modified standing order (End)	</ModStgOrdr>	A
End choice	/xorCreateModify	A
Message type for static data (End)	</ModifyStandingOrder>	A
End of SSP Proprietary Data	</SspPrtryDt>	A
End of Proprietary Data	</PrtryData>	A
End proprietary message	</PrtryMsg>	A

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	A
<MsgId>		Message Identification Mandatory	Validation: [1..1]	A
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	A
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	A
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	A
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1] Here the value should be ModifyStandingOrderMirror	A
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	A
<ModifyStandingOrder>		Message type for static data Mandatory	Validation: [1..1]	A
xorCreateModify		choice Mandatory	Choice between create or modify standing order Validation: It is mandatory that <NewStgOrder> element or <ModStgOrder> is present.	A
<NewStgOrder>		Container for new standing order Mandatory	Validation: [1..1]	A
<StgOrdId>		Identification of the Standing Order Sender Mandatory	Validation: [1..1]	A
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	A
<BIC>-</BIC>	11x	BIC	BICIdentifier	A

name of attribute	format	short description	description	
			Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362. BIC of settlement bank Validation: [1..1]	
</PtcptId>		End of Participant Identification Mandatory	End of Participant Identification Validation: [1..1]	A
</StgOrdId>		End of Standing Order Id Sender Mandatory	 Validation: [1..1]	A
<NewStgOrdValSet>		Definition of new standing order attributes Mandatory	Definition of new standing order attributes Validation: [1..1]	A
<Amt>		Amount Mandatory	 Validation: [1..1]	A
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency Mandatory	 Validation: [1..1]	A
</Amt>		End of Amount Mandatory	 Validation: [1..1]	A
<Dbtr>		Debtor Optional	Information about the debtor of a payment. Validation: [0..1]	A
<FI>		Financial institution Mandatory	Financial institution Validation: [1..1]	A
<BIC>-</BIC>	11x	BIC Mandatory	BIC BIC 52 of the standing order Validation: [1..1]	A
</FI>		End of financial institution Mandatory	End of financial institution Validation: [1..1]	A
</Dbtr>		End of debtor Optional	 Validation: [0..1]	A
<Cdtr>		Creditor Optional	 Validation:	A

name of attribute	format	short description	description	
			[0..1]	
<FI>		Financial institution	Financial institution	A
		Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC	BIC	A
		Mandatory	Validation: [1..1]	
</FI>		End of financial institution	End of financial institution	A
		Mandatory	Validation: [1..1]	
</Cdtr>		End of Creditor		A
		Optional	Validation: [0..1]	
<CdtrAcct>		CreditorAccount		A
		Optional	Validation: [0..1]	
<DmstAcct>		Simple Identification Information	Simple Identification Information	A
		Mandatory	Validation: [1..1]	
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.	A
		Mandatory	Account number for field 58 of the SO Validation: [1..1]	
</DmstAcct>		End of simple Identification Information		A
		Mandatory	Validation: [1..1]	
</CdtrAcct>		EndCreditorAccount		A
		Optional	Validation: [0..1]	
<FnIAgt>		Final agent	BIC of mirror account	A
		Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC	BIC	A
		Mandatory	Validation: [1..1]	
</FnIAgt>		End of Final Agent	End of Final Agent	A
		Mandatory	Validation: [1..1]	
<RmtInf>		RemittanceInformation		A
		Optional	Validation: [0..1]	

name of attribute	format	short description	description	
<Ustrd>-</Ustrd>	Max140Text	Unstructured	Field 72 of the standing order	A
		Mandatory	Validation: [1..1] Not checked	
</RmtInf>		EndRemittanceInformation		A
		Optional	Validation: [0..1]	
<Frqcy>-</Frqcy>	4x	Frequency		A
		Mandatory	Validation: [1..1]Frequency of SO. In the case of SO mirror account the value is always DAIL.	
</NewStgOrdrValSet>		List of standing orders (end)		A
		Mandatory	Validation: [1..1]	
</NewStgOrder>		Container for new standing order (End)		A
		Mandatory	Validation: [1..1]	
<ModStgOrdr>		Container for modified standing order		A
		Mandatory	Validation: [1..1]	
<StgMirrorId>-</StgMirrorId>	18x	Identification of the standing order	Identification of the standing order. This Id will be used to modify an existing standing Order. Currently this should be the id of the standing order.	A
		Mandatory	Validation: [1..1]	
<Amt>		Amount		A
		Mandatory	Validation: [1..1]	
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context.	A
			The integer part of Amount must contain at least one digit. The decimal separator is a dot '.'. It is not mandatory but included in the maximum length. The number of digits following the dot must not exceed the maximum number allowed for that specific currency as specified in ISO 4217.	
		Mandatory	Validation: [1..1] Amount must be superior or equal to 0.	
</Amt>		End of Amount		A
		Mandatory	Validation: [1..1]	
</ModStgOrdr>		Container for modified standing order (End)		A
		Mandatory	Validation: [1..1]	

name of attribute	format	short description	description	
/xorCreateModify		End choice	Choice between create or modify standing order (End)	A
		Mandatory	Validation:	
<hr/>				
</ModifyStandingOrder>		Message type for static data (End)		A
		Mandatory	Validation:	
			[1..1]	
<hr/>				
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	A
		Mandatory	Validation:	
			[1..1]	
<hr/>				
</PrtryData>		End of Proprietary Data	End of Proprietary Data	A
		Mandatory	Validation:	
			[1..1]	
<hr/>				
</PrtryMsg>		End proprietary message		A
		Mandatory	Validation:	
<hr/>				

Error Codes:

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE", "APPLICATE" or "APPLIASTE" are required Remark: checked by ICM / Receipt	M
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM	M

A

Name Proprietary message	<PrtryMsg>
Message Identification	<MsgId>
Reference	<Ref>ABC123</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryData>
Proprietary Data type	<Tp>ModifyStandingOrderMirror</Tp>
SSP Proprietary Data	<SspPrtryDt>
Message type for static data	<ModifyStandingOrder>
Container for new standing order	<NewStgOrder>
Identification of the Standing Order Sender	<StgOrdId>
Participant Identification	<PtcpId>
BIC	<BIC>SETTBANKBIC</BIC>
End of Participant Identification	</PtcpId>
End of Standing Order Id Sender	</StgOrdId>
Definition of new standing order attributes	<NewStgOrdValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>500000.00</AmtWthtCcy>
End of Amount	</Amt>
Debtor	<Dbtr>
Financial institution	<FI>
BIC	<BIC>FIELDBIC52X</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
Creditor	<Cdtr>
Financial institution	<FI>
BIC	<BIC>FIELDBIC58X</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>FIELD58ACCOUNT</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final agent	<FnIAgt>
BIC	<BIC>MIRRORBICXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>FIELD72</Ustrd>
EndRemittanceInformation	</RmtInf>
Frequency	<Frqcy>DAIL</Frqcy>
List of standing orders (end)	</NewStgOrdValSet>
Container for new standing order (End)	</NewStgOrder>
Message type for static data (End)	</ModifyStandingOrder>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryData>
End proprietary message	</PrtryMsg>

A

Scope:

A
A
A
A
A
A
A
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A
A
A
A
A
A

6. 5.29 ModifySubAccount (for CBs only)

SSP Proprietary Messages

ModifySubAccount_SD

Scope: Aim :
It is used to create or modify sub-account.

Precondition :

- The user is logged in and is allowed, thanks to his pre-defined role, to use this transaction.
- The requestor must know precisely the BIC11 identifying the related participant, owner of the sub-account and the responsible Central Bank.
- Data used by requestor to enter or modify information on sub-account may be:
 - Sub-account name
 - Sub-account Number
 - Dedicated Ancillary System (BIC)
 - Activation date of the update

XML Request :
Modify Sub Account

XML Response :
Receipt

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Sub Account

CB Responsible

BIC

Record Status all Modify and Delete messages

Account Information

Update Flag

Sub Account Name

Sub Account Number

AS BIC

Activation Date

End of Account Information

End of Sub Account

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<PrtryData>

<Tp>ModifySubAccount</Tp>

<SspPrtryDt>

<ModifySubAccount>

<SubAcct>

<Ctry>FR</Ctry>

<BIC>AAAAFRPPXXX</BIC>

<RecSts>-</RecSts>

<AcctInf>

<UpdtFlag>N</UpdtFlag>

<SubAcctNm>BK AAAA AS1</SubAcctNm>

<SubAcctNb>FR581200074</SubAcctNb>

<ASBIC>ASBKFRPPXXX</ASBIC>

<ActDt>2007-03-15</ActDt>

</AcctInf>

</SubAcct>

</ModifySubAccount>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ModifySubAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
<SubAcct>		Sub Account Mandatory	Sub Account Validation: [1..1]	
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]	
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC11 of the participant, owner of the sub account. Validation: [1..1]	

name of attribute	format	short description	description
<RecSts>-</RecSts>	Max2Text	Record Status all Modify and Delete messages	Status of the record. List of values : "AC" for Active "FU" for Future "IC" for In Change For more information on status management, please read the ICM UserHandBook. Mandatory Validation: [1..1]
<AcctInf>		Account Information	Account Information Mandatory Validation: [1..1]
<UpdtFlag>-</UpdtFlag>	1!a	Update Flag	Flag used in "Modify" XML Message to indicate the type of update : "N" for new entry "U" for update of an existing entry Mandatory Validation: [1..1]
<SubAcctNm>-</SubAcctNm>	Max35Text	Sub Account Name	Sub Account Name Mandatory Validation: [1..1]
<SubAcctNb>-</SubAcctNb>	2!c32x	Sub Account Number	Account Code. Lenght 34 characters. The first two characters represent the country code of the responsible CB. Mandatory Validation: [1..1]
<ASBIC>-</ASBIC>	11x	AS BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Ancillary System. Optional Validation: [0..1]
<ActDt>-</ActDt>	ISODate	Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Mandatory Validation: [1..1]
</AcctInf>		End of Account Information	End of Account Information Mandatory Validation: [1..1]
</SubAcct>		End of Sub Account	End of Sub Account Mandatory Validation: [1..1]
</ModifySubAccount>		End of Message Type	End of Message Type for Static Data Mandatory Validation: [1..1]

name of attribute	format	short description	description	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory	Validation:	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM

6. 5.30 ReturnAS

SSP Proprietary Messages

ReturnAS_SD

Scope: This is the response to the XML Request : GetAS

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

AS

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

AS Information

AS Name

AS BIC

DN for ASI interface

Packed File Delivery for ASI

Service ASI

CB Responsible

AS Type

Exclusion of an Ancillary System

Flag authorized to increase credit line

Settlement Model

Settlement Model Number

AS Account Type

AS Account BIC

Guarantee Account BIC

Autocollateral Account BIC

End of Settlement Model

End of AS Information

End of AS

End of BusinessReport

OperationalError

Error handling

Proprietary error code

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnAS</Tp>

<SspPrtryDt>

<ReturnAS>

<xorBizRptOprlErr>

<BizRpt>

<AS>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<ASInf>

<ASNm>NEW ANCILLARY SYSTEM</ASNm>

<ASBIC>ASBKFR2LXXX</ASBIC>

<Dnasi>-</Dnasi>

<PckdFileAsi>-</PckdFileAsi>

<AsiSvc>-</AsiSvc>

<Ctry>FR</Ctry>

<ASTp>RTL</ASTp>

<ASXclsn>N</ASXclsn>

<CdtLine>Y</CdtLine>

<SttlmMdl>

<SttlmMdlNb>6</SttlmMdlNb>

<ASAcctTp>ASM</ASAcctTp>

<ASAcctBIC>ASBKFR2LSET</ASAcctBIC>

<GrntyAcctBIC>GUBKFR2LXXX</GrntyAcctBIC>

<AutoClltrBIC>AUTOFR2LXXX</AutoClltrBIC>

</SttlmMdl>

</ASInf>

</AS>

</BizRpt>

<OprlErr>

<Err>

<Prtry>4515</Prtry>

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End error handling

Description

End of Operational Error

End of choice

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

					</Err>
					<Desc>Invalid Query</Desc>
					</OpriErr>
					</xorBizRptOpriErr>
					</ReturnAS>
					</SspPrtryDt>
					</PrtryData>
					</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Optional	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnAS>	Max35Text	Message Type Mandatory	Message Type Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<AS>		AS	AS
		Mandatory	Validation: [1..n]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlndChng>-</PlndChng>	11a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present "D" if the record will be deleted "M" if a future record exists Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one. The use of the Planned Change flag is made to have information on the future of an active record.
		Mandatory	Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook.
		Mandatory	Validation: [1..1]
<FrstDt>-</FrstDt>	ISODate	First Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.
		Mandatory	Validation: [1..1]
<ModDt>-</ModDt>	ISODate	Modification Date	Date within a particular calendar year represented by

name of attribute	format	short description	description
			YYYY-MM-DD (ISO 8601). This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date. Mandatory Validation: [1..1]
<EndDt>-</EndDt>	ISODate	End Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion. Mandatory Validation: [1..1]
</RecStsInf>		End of Record Status Information	End of Record Status Information Mandatory Validation: [1..1]
<ASInf>		AS Information	AS Information Mandatory Validation: [1..1]
<ASNm>-</ASNm>	Max35Text	AS Name	This is the name of the Ancillary System. Mandatory Validation: [1..1]
<ASBIC>-</ASBIC>	11x	AS BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Ancillary System. Mandatory Validation: [1..1]
<Dnasi>-</Dnasi>	100x	DN for ASI interface	Distinguish Name, made of max 100 characters (for XML ASI messages). Optional Validation: [0..1]
<PckdFileAsi>-</PckdFileAsi>	1!a	Packed File Delivery for ASI	A flag with two values : 'Y' or 'N' This flag indicates whether the AS wants to receive all ASI SwiftNet messages sent by the SSP in packed mode. Optional Validation: [0..1]
<AsiSvc>-</AsiSvc>	Max30Text	Service ASI	Service (for ASI) Optional Validation: [0..1]
<Ctry>-</Ctry>	2!c	CB Responsible	Country Code of the Responsible CB. Mandatory Validation: [1..1]

name of attribute	format	short description	description
<ASTp>-</ASTp>	3!a	AS Type	List of values : "RTL" for Retail Payment System "LVP" for Large Value Payment System "FEX" for Foreign Exchange System "MMK" for Money Market System "CCP" for Clearing House "SSG" for Securities Settlement System, integrated "SSF" for Securities Settlement System, interfaced "MPO" for "CB using ASI for monetary policy operations"
		Mandatory	Validation: [1..1]
<ASXclsn>-</ASXclsn>	1!a	Exclusion of an Ancillary System	Exclusion of an Ancillary System
		Mandatory	Validation: [1..1]
<CdtLine>-</CdtLine>	1!a	Flag authorized to increase credit line	This flag is used for Ancillary System to know whether the relevant AS has the possibility to increase credit line of settlement bank, from the same banking community only.
		Optional	Validation: [0..1]
<SttlmMdl>		Settlement Model	Settlement Model
		Optional	Validation: [0..n]
<SttlmMdlNb>-</SttlmMdlNb>	2x	Settlement Model Number	Settlement Model Number. List of possible value : "1" for model 1 "2" for model 2 "3" for model 3 "4" for model 4 "5" for model 5 "6I" for model 6 interfaced "6G" for model 6 integrated
		Mandatory	Validation: [1..1]
<ASAcctTp>-</ASAcctTp>	35x	AS Account Type	List of values : "AST" for AS Technical Account "ASM" for AS Mirror Account
		Optional	Validation: [0..1]
<ASAcctBIC>-</ASAcctBIC>	4!a2!a2!c[3!c]	AS Account BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, the BIC 11 of the AS Account.
		Optional	Validation: [0..1]
<GrntyAcctBIC>-</GrntyAcctBIC>	4!a2!a2!c[3!c]	Guarantee Account BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC of the Guarantee Account.
		Optional	Validation: [0..1]

name of attribute	format	short description	description
<AutoColltrBIC>- </AutoColltrBIC>	4!a2!a2!c[3!c]	Autocollateral Account BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC of the Auto-collateral Account. Optional Validation: [0..1]
</SttlmMdl>		End of Settlement Model	End of Settlement Model Optional Validation: [0..n]
</ASInf>		End of AS Information	End of AS Information Mandatory Validation: [1..n]
</AS>		End of AS	End of AS Mandatory Validation: [1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport Mandatory Validation: [1..1]
<OprlErr>		OperationalError	Indicates an operational error Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Mandatory Validation: [1..1]
<Err>		Error handling Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format. Mandatory Validation: [1..1]
</Err>		End error handling Mandatory	Validation: [1..1]
			Validation:
<Desc>-</Desc>	140x	Description	Specification of the error, in free format. Optional Validation: [0..1]

name of attribute	format	short description	description
</OpriErr>		End of Operational Error	End of Operational Error
		Mandatory	Validation: [1..1]
/xorBizRptOpriErr		End of choice	End of Choice
		Optional	Validation:
</ReturnAS>		End of Message Type	End of Message Type
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

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Error Codes:

6. 5.31 ReturnASSettBank

SSP Proprietary Messages

ReturnASSettBank_SD

Scope: This is the response to the XML Request : GetASSettBank

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

AS Settlement Bank

AS Information

AS Name

AS BIC

CB Responsible

AS Type

End of AS Information

List of Settlement Bank

Settlement Bank Information

Record Status Information

Planned Change

Record Status

Modification Date

End Date

End of Record Status Information

Settlement Bank Details

Settlement Bank BIC

Settlement Bank Name

Settlement Bank Account Number

Settlement Bank Account Type

End of Settlement Bank Details

End of Settlement Bank Information

End of List of Settlement Bank

End of AS Settlement Bank

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnASSettBank</Tp>

<SspPrtryDt>

<ReturnASSettBank>

<xorBizRptOprlErr>

<BizRpt>

<ASStlmBk>

<ASInf>

<ASNm>NEW ANCILLARY SYSTEM</ASNm>

<ASBIC>ASBKFR2LXXX</ASBIC>

<Ctry>FR</Ctry>

<ASTp>RTL</ASTp>

</ASInf>

<ListStlmBk>

<StlmBkInf>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<StlmBkDtl>

<StlmBkBIC>BKAAFRPPXXX</StlmBkBIC>

<StlmBkNm>BANK AAAA</StlmBkNm>

<StlmBkAcctNb>FR4571251E51005</StlmBkAcctNb>

<StlmBkAcctTp>SUB</StlmBkAcctTp>

</StlmBkDtl>

</StlmBkInf>

</ListStlmBk>

</ASStlmBk>

</BizRpt>

<OprlErr>

<Err>

<Prtry>4515</Prtry>

</Err>

<Desc>Invalid Query</Desc>

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End of Operational Error
End of choice
End of Message Type
End of SSP Proprietary Data
End of Proprietary Data
End proprietary message

```
| | | | </OpriErr>  
| | | | </xorBizRptOpriErr>  
| | | | </ReturnASSettlBank>  
| | | | </SspPrtryDt>  
| | | | </PrtryData>  
| | | | </PrtryMsg>
```

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnASSettlBank>	Max35Text	Message Type Mandatory	Message Type Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	<p>BusinessReport</p> <p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ASSttlmBk>		AS Settlement Bank	<p>AS Settlement Bank</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ASInf>		AS Information	<p>AS Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ASNm>-</ASNm>	Max35Text	AS Name	<p>This is the name of the Ancillary System.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ASBIC>-</ASBIC>	11x	AS BIC	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>In this case, this is the BIC 11 of the Ancillary System.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<Ctry>-</Ctry>	2lc	CB Responsible	<p>Country Code of the Responsible CB.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ASTp>-</ASTp>	3la	AS Type	<p>List of values : "RTL" for Retail Payment System "LVP" for Large Value Payment System "FEX" for Foreign Exchange System "MMK" for Money Market System "CCP" for Clearing House "SSG" for Securities Settlement System, integrated "SSF" for Securities Settlement System, interfaced "MPO" for "CB using ASI for monetary policy operations"</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</ASInf>		End of AS Information	<p>End of AS Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ListSttlmBk>		List of Settlement Bank	<p>List of Settlement Bank</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<SttlmBkInf>		Settlement Bank Information	<p>Settlement Bank Information</p>

name of attribute	format	short description	description
		Mandatory	Validation: [1..n]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlnndChng>-</PlnndChng>	1!a	Planned Change	<p>Information on record regarding the presence of a future record. Values may be :</p> <p>"N" if no future record is present "D" if the record will be deleted "M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p>
		Mandatory	Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p>
		Mandatory	Validation: [1..1]
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p>
		Mandatory	Validation: [1..1]
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p>
		Mandatory	Validation: [1..1]
</RecStsInf>		End of Record Status Information	End of Record Status Information
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<SttlmBkDtl>		Settlement Bank Details	Settlement Bank Details
		Mandatory	Validation: [1..1]
<SttlmBkBIC>-</SttlmBkBIC>	4!a2!a2!c[3!c]	Settlement Bank BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". This is the BIC 11 of the Settlement Bank (BIC Participant).
		Mandatory	Validation: [1..1]
<SttlmBkNm>-</SttlmBkNm>	Max35Text	Settlement Bank Name	Specifies a character string with a maximum length of 35 characters. This is the name of the Settlement Bank.
		Mandatory	Validation: [1..1]
<SttlmBkAcctNb>-</SttlmBkAcctNb>	2!c32x	Settlement Bank Account Number	Account Number. Length 34 characters (first two digit is the country code of the responsible CB).
		Optional	Validation: [0..1]
<SttlmBkAcctTp>-</SttlmBkAcctTp>	4x	Settlement Bank Account Type	List of values : "RTGS" for RTGS Account "SUB" for Sub Account
		Mandatory	Validation: [1..1]
</SttlmBkDtl>		End of Settlement Bank Details	End of Settlement Bank Details
		Mandatory	Validation: [1..1]
</SttlmBkInf>		End of Settlement Bank Information	End of Settlement Bank Information
		Mandatory	Validation: [1..n]
</ListSttlmBk>		End of List of Settlement Bank	List of Settlement Bank
		Mandatory	Validation: [1..1]
</ASSttlmBk>		End of AS Settlement Bank	End of AS Settlement Bank
		Mandatory	Validation: [1..1]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.

name of attribute	format	short description	description	
			Separate Specification see UDFS books regarding error codes	
		Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Optional	End of Choice Validation:	
</ReturnASSettlBank>		End of Message Type Mandatory	End of Message Type Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory	Validation:	M

Error Codes:

6. 5.32 ReturnCalendar

SSP Proprietary Messages

ReturnCalendar_SD

Scope: This is the response to the XML request : GetCalendar

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Calendar

Calendar Information

Date

Target Day Status

Is Start Of Maintenance Period

End of Calendar Information

End of Calendar

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnCalendar</Tp>

<SspPrtryDt>

<ReturnCalendar>

<xorBizRptOprlErr>

<BizRpt>

<Clnr>

<ClnrInf>

<Dt>2007-01-02</Dt>

<Sts>OPEN</Sts>

<StartPrd>Y</StartPrd>

</ClnrInf>

</Clnr>

</BizRpt>

<OprlErr>

<Err>

<Prtry>4515</Prtry>

</Err>

<Desc>Invalid Query</Desc>

</OprlErr>

</xorBizRptOprlErr>

</ReturnCalendar>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

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A

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D

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnCalendar>		Message Type Mandatory	Message Type for Static Data [1..1] Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<Clnr>		Calendar	Calendar
		Mandatory	Validation: [1..n]
<ClnrInf>		Calendar Information	Calendar Information
		Mandatory	Validation: [1..n]
<Dt>-</Dt>	ISO-Date	Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
		Mandatory	Validation: [1..1]
<Sts>-</Sts>	Max6Text	Target Day Status	Status of Day within the Target calendar. Value may be 'OPEN' or 'CLOSED'.
		Mandatory	Validation: [1..1]
<StartPrd>-<StartPrd>	1!a	Is Start Of Maintenance Period	A flag with two values : 'Y' or 'N'. Indicates whether the related date is the first date for maintenance period.
		Mandatory	Validation: [1..1]
</ClnrInf>		End of Calendar Information	End of Calendar Information
		Mandatory	Validation: [1..n]
</Clnr>		End of Calendar	End of Calendar
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes
		Mandatory	Validation:

name of attribute	format	short description	description	
				[1..1]
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D
				Validation:
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OpriErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOpriErr		End of choice Optional	End of Choice Validation:	
</ReturnCalendar>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory	Validation:	M

Error Codes:

6. 5.33 ReturnCB

SSP Proprietary Messages

ReturnCB_SD

Scope: This is the response to the XML request : GetCB

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

CB

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

CB Information

CB Name

BIC CB

CB Responsible

City of the CB

Eurosystem Flag

Calculation Periodicity for HAM

Collateral Manager BIC

Collateral Manager Desc

Service for FileAct in Push Mode (Collateral Manager only)

DN for FileAct in Push Mode (Collateral Manager only)

Packed File Delivery (Collateral Manager)

DN for FileAct in Push Mode (PHA)

Service for PHA Interface

Service for FileAct in Push Mode

DN for FileAct in Push Mode

Packed File Delivery

ECB Account BIC

ECB Mirror Account BIC

Migration Flag

Ham Flag

RM Flag

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnCB</Tp>

<SspPrtryDt>

<ReturnCB>

<xorBizRptOpriErr>

<BizRpt>

<CntrlBk>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<CntrlBkInf>

<CntrlBkNm>BANQUE DE FRANCE</CntrlBkNm>

<BICCntrlBk>BDFEFRPPXXX</BICCntrlBk>

<Ctry>FR</Ctry>

<CntrlBkCty>PARIS</CntrlBkCty>

<EurSysFlag>-</EurSysFlag>

<ClctnPrdctyHam>12</ClctnPrdctyHam>

<CltrBIC>COLLFRPPXXX</CltrBIC>

<CltrIDesc>Collateral Manager Description</CltrIDesc>

<CltrISvc>SERI</CltrISvc>

<CltrIDN>ou=Market, o=SWIFT, o=BDFEFRPP</CltrIDN>

<PckdFileCltrI>Y</PckdFileCltrI>

<PHADN>-</PHADN>

<PHASvc>-</PHASvc>

<Svc>SERI</Svc>

<DN>ou=Market, o=SWIFT, o=BDFEFRPP</DN>

<PckdFile>Y</PckdFile>

<ECBAcctBIC>BDFEFRPPECB</ECBAcctBIC>

<ECBMrAcctBIC>ECBKDEFFBDF</ECBMrAcctBIC>

<MigtnFlag>Y</MigtnFlag>

<HamFlag>-</HamFlag>

<RMFlag>Y</RMFlag>

M

M

M

M

SFM Flag						<SFMFlag>Y</SFMFlag>
CRAKS 1 Flag						<CRAKS1Flag>Y</CRAKS1Flag>
CRAKS 2 Flag						<CRAKS2Flag>Y</CRAKS2Flag>
CRAKS 3 Flag						<CRAKS3Flag>Y</CRAKS3Flag>
CRISP Flag						<CRISPFlag>Y</CRISPFlag>
CRISP - Invoice Flag						<CRISPInvceFlag>Y</CRISPInvceFlag>
Country Code Service Provider 1						<CCSP1>FR</CCSP1>
Country Code Service Provider 2						<CCSP2>IT</CCSP2>
Country Code Service Provider 3						<CCSP3>DE</CCSP3>
Contingency BIC						<CtgncyBIC>CONTRFRPPXXX</CtgncyBIC>
Interlinking BIC						<IntrlkngBIC>BDFEFRTGXXX</IntrlkngBIC>
TARGET 1 Service Code						<T1SvcCd>TBF</T1SvcCd>
Maximum Amount Allowed for SF						<MaxForStgFclts>120000000,00</MaxForStgFclts>
End of CB Information						</CntrlBkInf>
End of CB						</CntrlBk>
End of BusinessReport						</BizRpt>
OperationalError						<OpriErr>
Error handling						<Err>
Proprietary error code						<Prtry>-</Prtry>
End error handling						</Err>
Description						<Desc>Invalid Query</Desc>
End of Operational Error						</OpriErr>
End of choice						</xorBizRptOpriErr>
End of Message Type						</ReturnCB>
End of SSP Proprietary Data						</SspPrtryDt>
End of Proprietary Data						</PrtryData>
End proprietary message						</PrtryMsg>

A
A
A
D

M
M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnCB>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport
			<p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.</p>
<CntrlBk>		Mandatory	Validation: [1..1]
		CB	Central Bank
<RecStsInf>		Mandatory	Validation: [1..n]
		Record Status Information	Record Status Information
<PlndChng>-</PlndChng>	11a	Mandatory	Validation: [1..1]
		Planned Change	<p>Information on record regarding the presence of a future record. Values may be :</p> <p>"N" if no future record is present "D" if the record will be deleted "M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p>
<RecSts>-</RecSts>	Max2Text	Mandatory	Validation: [1..1]
		Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p>
<FrstDt>-</FrstDt>	ISODate	Mandatory	Validation: [1..1]
		First Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.</p>
<ModDt>-</ModDt>	ISODate	Mandatory	Validation: [1..1]
		Modification Date	Date within a particular calendar year represented by

name of attribute	format	short description	description
			YYYY-MM-DD (ISO 8601).
		Optional	This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date. Validation: [0..1]
<EndDt>-</EndDt>	ISODate	End Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion. Optional Validation: [0..1]
</RecStsInf>		End of Record Status Information Mandatory	End of Record Status Information Validation: [1..1]
<CntrlBkInf>		CB Information Mandatory	CB Information Validation: [1..1]
<CntrlBkNm>-</CntrlBkNm>	Max35Text	CB Name Mandatory	Name of the Central Bank Validation: [1..1]
<BICCntrlBk>-</BICCntrlBk>	11x	BIC CB Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Central Bank. Validation: [1..1]
<Ctry>-</Ctry>	2lc	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]
<CntrlBkCty>-</CntrlBkCty>	Max35Text	City of the CB Mandatory	City of the Central Bank. Max 35x. Validation: [1..1]
<EurSysFlag>-</EurSysFlag>	1!a	Eurosystem Flag Mandatory	A flag with two value : 'Y' or 'N'. This flag is set to 'Y' for all Central Bank using the Euro currency. Otherwise, it is set to 'N' for the other CB. Validation: [1..1]
<ClctnPrdctyHam>-</ClctnPrdctyHam>	2!n	Calculation Periodicity for HAM Mandatory	2 characters (number of month) Validation: [1..1]

name of attribute	format	short description	description
<CltrlBIC>-</CltrlBIC>	4!a2!a2!c[3!c]	Collateral Manager BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the collateral Manager. Optional Validation: [0..1]
<CltrlDesc>-</CltrlDesc>	Max35Text	Collateral Manager Desc	Specifies a character string with a maximum length of 35 characters. Description of the Collateral Manager. Optional Validation: [0..1]
<CltrlSvc>-</CltrlSvc>	Max30Text	Service for FileAct in Push Mode (Collateral Manager only)	This is the Swift Service used by the Collateral Manager in order to receive information from the SSP (Push Mode). Optional Validation: [0..1]
<CltrlDN>-</CltrlDN>	100x	DN for FileAct in Push Mode (Collateral Manager only)	This is the Swift Distinguish Name used by the Collateral Manager in order to receive information from the SSP (Push mode). Optional Validation: [0..1]
<PckdFileCltrl>-</PckdFileCltrl>	1!a	Packed File Delivery (Collateral Manager)	A flag with two values : 'Y' or 'N'. This flag indicates whether the Collateral Manager wants to receive all SwiftNet messages sent by the SSP in packed mode. Optional Validation: [0..1]
<PHADN>-</PHADN>	100x	DN for FileAct in Push Mode (PHA)	This is the Swift Distinguish Name used by the Proprietary Home Account in order to receive information from the SSP (Push Mode) Optional Validation: [0..1]
<PHASvc>-</PHASvc>	Max30Text	Service for PHA Interface	This is the Swift Service used by the CB for PHA interface Optional Validation: [0..1]
<Svc>-</Svc>	Max30Text	Service for FileAct in Push Mode	Service (for push mode functionalities) Optional Validation: [0..1]
<DN>-</DN>	100x	DN for FileAct in Push Mode	Distinguish Name, made of max 100 characters (for push mode functionalities). Optional Validation: [0..1]
<PckdFile>-</PckdFile>	1!a	Packed File Delivery	A flag with two values : 'Y' or 'N' This flag indicates whether the participant wants to receive all SwiftNet messages sent by the SSP in packed mode. Optional Validation: [0..1]

name of attribute	format	short description	description
<ECBAcctBIC>- </ECBAcctBIC>	4!a2!a2!c[3!c]	ECB Account BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 identifying the ECB Account of the related Central Bank. Optional Validation: [0..1]
<ECBMrAcctBIC>- </ECBMrAcctBIC>	4!a2!a2!c[3!c]	ECB Mirror Account BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 identifying the ECB Mirror Account of the related Central Bank. Optional Validation: [0..1]
<MigtnFlag>-</MigtnFlag>	1!a	Migration Flag	For CB only A flag with two values : 'Y' or 'N' Mandatory Validation: [1..1]
<HamFlag>-</HamFlag>	1!a	Ham Flag	A flag with two values : 'Y' or 'N' Mandatory Validation: [1..1]
<RMFlag>-</RMFlag>	1!a	RM Flag	A flag with two values : 'Y' or 'N'. This flag indicates whether the Central Bank is using the RM module. Mandatory Validation: [1..1]
<SFMFlag>-</SFMFlag>	1!a	SFM Flag	A flag with two values : 'Y' or 'N'. This flag indicates whether the Central Bank is using the SF module. Mandatory Validation: [1..1]
<CRAKS1Flag>- </CRAKS1Flag>	1!a	CRAKS 1 Flag	A flag with two values : 'Y' or 'N'. This flag indicates whether the Central Bank is using the CRAKS 1 module. Mandatory Validation: [1..1]
<CRAKS2Flag>- </CRAKS2Flag>	1!a	CRAKS 2 Flag	A flag with two values : 'Y' or 'N'. This flag indicates whether the Central Bank is using the CRAKS 2 module. Mandatory Validation: [1..1]
<CRAKS3Flag>- </CRAKS3Flag>	1!a	CRAKS 3 Flag	A flag with two values : 'Y' or 'N'. This flag indicates whether the Central Bank is using the CRAKS 3 module. Mandatory Validation: [1..1]

name of attribute	format	short description	description
<CRISPFlag>-</CRISPFlag>	1!a	CRISP Flag	A flag with two values : 'Y' or 'N'. This flag indicates whether the Central Bank is using the CRISP module.
		Mandatory	Validation: [1..1]
<CRISPInvceFlag>-</CRISPInvceFlag>	1!a	CRISP - Invoice Flag	A flag with two values : 'Y' or 'N'. This flag indicates whether the Central Bank is using the CRISP - Invoice module. Can be used only if the Central Bank has already opted for the CRISP module.
		Mandatory	Validation: [1..1]
<CCSP1>-</CCSP1>	2!c	Country Code Service Provider 1	ISO Country Code. 2 characters. This is the country code of the service provider 1 in case of contingency (for non migrated CB only).
		Optional	Validation: [0..1]
<CCSP2>-</CCSP2>	2!c	Country Code Service Provider 2	ISO Country Code. 2 characters. This is the country code of the service provider 2 in case of contingency (for non migrated CB only).
		Optional	Validation: [0..1]
<CCSP3>-</CCSP3>	2!c	Country Code Service Provider 3	ISO Country Code. 2 characters. This is the country code of the service provider 3 in case of contingency (for non migrated CB only).
		Optional	Validation: [0..1]
<CtgncyBIC>-</CtgncyBIC>	4!a2!a2!c[3!c]	Contingency BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 identifying the Contingency Account of the participant. In this case, this is the Contingency BIC
		Optional	Validation: [0..1]
<IntrkngBIC>-</IntrkngBIC>	4!a2!a2!c[3!c]	Interlinking BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the interlinking component of the related Central Bank.
		Optional	Validation: [0..1]
<T1SvcCd>-</T1SvcCd>	3!a	TARGET 1 Service Code	Made of 3 characters, amongst the list of Target 1 RTGS service code
		Optional	Validation: [0..1]
<MaxForStgFclts>-</MaxForStgFclts>	18!d	Maximum Amount Allowed for SF	Amount, made of a maximum of 17 numbers and one digit (decimal coma)
		Optional	Validation:

name of attribute	format	short description	description
[0..1]			
</CntrlBklnf>		End of CB Information	End of CB Information
		Mandatory	Validation: [1..1]
</CntrlBk>		End of CB	End of CB
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
<OpriErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes
		Mandatory	Validation: [1..1]
<Err>		Error handling	A
		Mandatory	
			Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format. A
		Mandatory	Validation: [1..1]
</Err>		End error handling	A
		Mandatory	
			Validation: [1..1]
			D
			Validation:
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.
		Optional	Validation: [0..1]
</OpriErr>		End of Operational Error	End of Operational Error
		Mandatory	Validation: [1..1]
/xorBizRptOpriErr		End of choice	End of Choice
		Optional	Validation:

name of attribute	format	short description	description
</ReturnCB>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

M

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Error Codes:

End of Contact Item Details	</CtImDtIs>	
End of Contact Item Information	</CtctItmInf>	
End of Contact Item	</CtctItm>	
End of BusinessReport	</BizRpt>	
OperationalError	<OprlErr>	
Error handling	<Err>	A
Proprietary error code	<Prtry>4515</Prtry>	A
End error handling	</Err>	A
		D
Description	<Desc>Invalid Query</Desc>	
End of Operational Error	</OprlErr>	
End of choice	</xorBizRptOprlErr>	
End of Message Type	</ReturnContactItem>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnContactItem>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOpriErr		Choice amongst Optional	Choice amongst xorBizRptOpriErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<CtctItm>		Contact Item	Contact Item
		Mandatory	Validation: [1..n]
xorLglNttyldCntrlBkldPtcptldASld		Choice amongst	Choice amongst xorLglNttyldCntrlBkldPtcptldASld (Type: xor)
		Optional	Validation:
<LglNttyld>		Legal Entity Identification	Legal Entity Identification
		Optional	Validation: [0..1]
<LglNttySts>-</LglNttySts>	Max2Text	Legal Entity Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "DV" for Delivery (Technical) "ID" for In Deletion (Technical) "IC" for In Change
		Mandatory	Validation: [1..1]
<BICLglNtty>-</BICLglNtty>	11x	BIC Legal Entity	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Legal Entity.
		Mandatory	Validation: [1..1]
</LglNttyld>		End of Legal Entity Identification	End of Legal Entity Identification
		Optional	Validation: [0..1]
<CntrlBkld>		Central Bank Identification	Central Bank Identification
		Optional	Validation: [0..1]
<CntrlBkSts>-</CntrlBkSts>	Max2Text	CB Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "DV" for Delivery (Technical) "ID" for In Deletion (Technical) "IC" for In Change

name of attribute	format	short description	description
Mandatory			Validation: [1..1]
<BICCNtrIBk>-</BICCNtrIBk>	11x	BIC CB	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Central Bank.
Mandatory			Validation: [1..1]
</CntrlBkId>		End of Central Bank Identification	End of Central Bank Identification
Optional			Validation: [0..1]
<PartId>		Participant Identification	Participant Identification
Optional			Validation: [0..1]
<PartStatus>-</PartStatus>	Max2Text	Participant Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "DV" for Delivery (Technical) "ID" for In Deletion (Technical) "IC" for In Change
Mandatory			Validation: [1..1]
<Ctry>-</Ctry>	2lc	CB Responsible	Country Code of the Responsible CB.
Mandatory			Validation: [1..1]
<BICPtCpt>-</BICPtCpt>	11x	BIC Participant	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Participant.
Mandatory			Validation: [1..1]
</PartId>		End of Participant Identification	End of Participant Identification
Optional			Validation: [0..1]
<ASId>		AS Identification	AS Identification
Optional			Validation: [0..1]
<ASSts>-</ASSts>	Max2Text	AS Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "DV" for Delivery (Technical)

name of attribute	format	short description	description
			"ID" for In Deletion (Technical) "IC" for In Change
		Mandatory	Validation: [1..1]
<BICAS>-</BICAS>	11x	BIC AS	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Ancillary System.
		Mandatory	Validation: [1..1]
</ASId>		End of AS Identification	End of AS Identification
		Optional	Validation: [0..1]
/xorLglNttyldCntrlBkldPtcptldASld		End of Choice	End of Choice
		Optional	Validation:
<CtctltmInf>		Contact Item Information	Contact Item Information
		Optional	Validation: [0..n]
<CtctltmDtls>		Contact Item Details	Contact Item Details
		Mandatory	Validation: [1..1]
<Fctn>		Function	Function
		Mandatory	Validation: [1..1]
<FctnTp>-</FctnTp>	Max35Text	Function Type	Specifies a character string with a maximum length of 35 characters. Type of function for a Contact Item.
		Mandatory	Validation: [1..1]
<FrstNm>-</FrstNm>	Max35Text	First Name	Specifies a character string with a maximum length of 35 characters. First name of a Contact Item.
		Optional	Validation: [0..1]
<LastNm>-</LastNm>	Max35Text	Last Name	Specifies a character string with a maximum length of 35 characters. Last Name of Contact Item.
		Optional	Validation: [0..1]
</Fctn>		End of Function	End of Function
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<CtlmltmId>		Contact Item Id	Contact Item Id
		Optional	Validation: [0..n]
<CtlmltmTp>-</CtlmltmTp>	Max35Text	Contact Item Type	Type of Contact Item. Max 35 characters, amongst a list of value.
		Mandatory	Validation: [1..1]
<CtlmltmVal>-</CtlmltmVal>	Max70Text	Contact Item Value	Specifies a character string with a maximum length of 70 characters.
		Mandatory	Validation: [1..1]
</CtlmltmId>		End of Contact Item Id	End of Contact Item Id
		Optional	Validation: [0..1]
</CtlmDtls>		End of Contact Item Details	End of Contact Item Details
		Mandatory	Validation: [1..1]
</CtlmltmInf>		End of Contact Item Information	End of Contact Item Information
		Optional	Validation: [0..n]
</Ctlmltm>		End of Contact Item	End of Contact Item
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
<OpriErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes
		Mandatory	Validation: [1..1]
<Err>		Error handling	
		Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.
		Mandatory	Validation: [1..1]
</Err>		End error handling	
		Mandatory	Validation:

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name of attribute	format	short description	description	
				[1..1]
				D
				Validation:
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Mandatory	Validation: [0..1]	
</OpriErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation: [1..1]	
/xorBizRptOpriErr		End of choice	End of Choice	
		Optional	Validation:	
</ReturnContactItem>		End of Message Type	End of Message Type for Static Data	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

6. 5.34 ReturnContactItem

SSP Proprietary Messages

ReturnContactItem_SD

Scope: This is the response to the XML request : GetContactItem

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Contact Item

Choice amongst

Legal Entity Identification

Legal Entity Status

BIC Legal Entity

End of Legal Entity Identification

Central Bank Identification

CB Status

BIC CB

End of Central Bank Identification

Participant Identification

Participant Status

CB Responsible

BIC Participant

End of Participant Identification

AS Identification

AS Status

BIC AS

End of AS Identification

End of Choice

Contact Item Information

Contact Item Details

Function

Function Type

First Name

Last Name

End of Function

Contact Item Id

Contact Item Type

Contact Item Value

End of Contact Item Id

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnContactItem</Tp>

<SspPrtryDt>

<ReturnContactItem>

<xorBizRptOpriErr>

<BizRpt>

<Ctctltm>

<xorLgINttyIdCntrlBkIdPtcptIdASId>

<LgINttyId>

<LgINttySts>AC</LgINttySts>

<BICLgINtty>BKAAFRPPXXX</BICLgINtty>

</LgINttyId>

<CntrlBkId>

<CntrlBkSts>AC</CntrlBkSts>

<BICCntrlBk>BDFEFRPPXXX</BICCntrlBk>

</CntrlBkId>

<PartId>

<PartStatus>-</PartStatus>

<Ctry>FR</Ctry>

<BICPtcpt>BKAADEFFXXX</BICPtcpt>

</PartId>

<ASId>

<ASSts>AC</ASSts>

<BICAS>EOCBFRPPXXX</BICAS>

</ASId>

</xorLEldCBIdPartIdASId>

<CtctltmInf>

<CtctltmDtIs>

<Fctn>

<FctnTp>SETTLEMENT MANAGER</FctnTp>

<FrstNm>DOE</FrstNm>

<LastNm>JOHN</LastNm>

</Fctn>

<CtltmId>

<CtctltmTp>-</CtctltmTp>

<CtctltmVal>-</CtctltmVal>

</CtltmId>

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6. 5.35 ReturnDirectDebit

SSP Proprietary Messages

ReturnDirectDebit_SD

Scope: This is the response to the XML request GetDirectDebit

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Direct Debit

Participant Identification

CB Responsible

BIC Participant

End of Participant Identification

Direct Debit List

Direct Debit Information

Record Status

Direct Debit Reference

Direct Debit Issuer's Name

BIC of the Direct Debit Issuer

Flag Is Futur Participant

Maximum Amount for this counterpart

Maximum Amount per payment for Direct Debit

End of Direct Debit Information

End of Direct Debit List

End of Direct Debit

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnDirectDebit</Tp>

<SspPrtryDt>

<ReturnDirectDebit>

<xorDrctDbtBizErr>

<BizRpt>

<DrctDbt>

<PtcptId>

<Ctry>FR</Ctry>

<BICPtcpt>BKAAFRPPXXX</BICPtcpt>

</PtcptId>

<DrctDbtList>

<DrctDbtInf>

<RecSts>AC</RecSts>

<DrctDbtRef>DIRDEB BK BBBB</DrctDbtRef>

<DrctDbtIssr>BANK BBBB</DrctDbtIssr>

<BICIssr>BBBFRPPXXX</BICIssr>

<IsFutrPrct>N</IsFutrPrct>

<MaxAmtCtrPty>1000000000.00</MaxAmtCtrPty>

<MaxAmtPmt>1000000000.00</MaxAmtPmt>

</DrctDbtInf>

</DrctDbtList>

</DrctDbt>

</BizRpt>

<OpriErr>

<Err>

<Prtry>4515</Prtry>

</Err>

<Desc>Invalid Query</Desc>

</OpriErr>

</xorDrctDbtBizErr>

</ReturnDirectDebit>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnDirectDebit>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport
			<p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.</p>
<DrctDbt>		Mandatory	Validation: [1..1]
		Direct Debit	Direct Debit
<DrctDbt>		Mandatory	Validation: [1..n]
		Direct Debit	Direct Debit
<PtcptId>		Participant Identification	Participant Identification
		Mandatory	Validation: [1..1]
<Ctry>-</Ctry>	2lc	CB Responsible	Country Code of the Responsible CB.
		Mandatory	Validation: [1..1]
<BICPtcpt>-</BICPtcpt>	11x	BIC Participant	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>In this case, this is the BIC 11 of a Participant.</p>
		Mandatory	Validation: [1..1]
</PtcptId>		End of Participant Identification	End of Participant Identification
		Mandatory	Validation: [1..1]
<DrctDbtList>		Direct Debit List	Direct Debit List
		Optional	Validation: [0..1]
<DrctDbtInf>		Direct Debit Information	Direct Debit Information
		Optional	Validation: [0..n]
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p>
		Mandatory	Validation:

name of attribute	format	short description	description
[1..1]			
<DrctDbtRef>-</DrctDbtRef>	Max35Text	Direct Debit Reference	Specifies a character string with a maximum length of 35 characters. This is the reference of the Direct Debit.
		Mandatory	Validation: [1..1]
<DrctDbtIssr>-</DrctDbtIssr>	Max35Text	Direct Debit Issuer's Name	Specifies a character string with a maximum length of 35 characters. This is the name of the Direct Debit Issuer.
		Mandatory	Validation: [1..1]
<BICIssr>-</BICIssr>	4!a2!a2!c[3!c]	BIC of the Direct Debit Issuer	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Direct Debit Issuer (BIC Participant).
		Mandatory	Validation: [1..1]
<IsFutrPrtct>-</IsFutrPrtct>	1!a	Flag Is Futur Participant	A flag with two values : 'Y' or 'N'. This flag indicates whether a participant has a status Future or not.
		Mandatory	Validation: [1..1]
<MaxAmtCtrPty>-</MaxAmtCtrPty>	18!d	Maximum Amount for this counterpart	Maximum Amount for this counterpart in case of Direct Debit. Amount, made of a maximum of 17 numbers and one digit (decimal coma)
		Optional	Validation: [0..1]
<MaxAmtPmt>-</MaxAmtPmt>	18!d	Maximum Amount per payment for Direct Debit	Maximum Amount per payment for Direct Debit. Amount, made of a maximum of 17 numbers and one digit (decimal coma)
		Optional	Validation: [0..1]
</DrctDbtInf>		End of Direct Debit Information	End of Direct Debit Information
		Optional	Validation: [0..n]
</DrctDbtList>		End of Direct Debit List	End of Direct Debit List
		Optional	Validation: [0..n]
</DrctDbt>		End of Direct Debit	End of Direct Debit
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation:

name of attribute	format	short description	description	
[1..1]				
<OprlErr>		OperationalError	<p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.</p> <p>Separate Specification see UDFS books regarding error codes</p>	
		Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
D				
Validation:				
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Optional	End of Choice Validation:	
</ReturnDirectDebit>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M

name of attribute	format	short description	description
</PrtryMsg>		End proprietary message	M
		Mandatory	Validation:

Error Codes:

6. 5.36 ReturnErrorCode

SSP Proprietary Messages

ReturnErrorCode_SD

Scope: This is the response to the XML request : GetErrorCode

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Error Code

End of Error Code Information

Error Category Name

Error Code SSP

Error Code Y-Copy

Error Code V Shape

Error Code XML

Error Text

End of Error Code Information

End of Error Code

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnErrorCode</Tp>

<SspPrtryDt>

<ReturnErrorCode>

<xorBizRptOprlErr>

<BizRpt>

<ErrCd>

<ErrCdInf>

<ErrCtgyNm>Modules Input Validation</ErrCtgyNm>

<ErrCdSSP>284</ErrCdSSP>

<ErrCdYCopy>B2</ErrCdYCopy>

<ErrCdVShp>XI12</ErrCdVShp>

<ErrCdXML>-252</ErrCdXML>

<ErrTxt>Invalid Character or Invalid Numeric Value</ErrTxt>

</ErrCdInf>

</ErrCd>

</BizRpt>

<OprlErr>

<Err>

<Prtry>4515</Prtry>

</Err>

<Desc>Invalid Query</Desc>

</OprlErr>

</xorBizRptOprlErr>

</ReturnErrorCode>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnErrorCode>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<ErrCd>		Error Code	Error Code
		Mandatory	Validation: [1..n]
<ErrCdInf>		End of Error Code Information	End of Error Code Information
		Mandatory	Validation: [1..1]
<ErrCtgyNm>-</ErrCtgyNm>	Max35Text	Error Category Name	Specifies a character string with a maximum length of 35 characters. This is the name fo the error.
		Optional	Validation: [0..1]
<ErrCdSSP>-</ErrCdSSP>	Max4AlphaN umericText	Error Code SSP	Made of 4 characters. This is the code of an SSP error.
		Mandatory	Validation: [1..1]
<ErrCdYCpy>-</ErrCdYCpy>	2x	Error Code Y-Copy	Made of 4 characters. This is the error code for a Y-Copy flow.
		Optional	Validation: [0..1]
<ErrCdVShp>-</ErrCdVShp>	Max4AlphaN umericText	Error Code V Shape	Made of 4 characters. This is the error code for a V Shape flow.
		Optional	Validation: [0..1]
<ErrCdXML>-</ErrCdXML>	4x	Error Code XML	Made of 4 characters. This is the error code for an XML flow.
		Optional	Validation: [0..1]
<ErrTxt>-</ErrTxt>	Max210Text	Error Text	This is the text related to the error.
		Optional	Validation: [0..1]
<ErrCdInf>		End of Error Code Information	End of Error Code Information
		Mandatory	Validation: [1..1]
</ErrCd>		End of Error Code	End of Error Code
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description	
</BizRpt>		End of BusinessReport	End of BusinessReport	
		Mandatory	Validation: [1..1]	
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes	
		Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Optional	End of Choice Validation:	
</ReturnErrorCode>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	

name of attribute	format	short description	description	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

6. 5.37 ReturnEvent

SSP Proprietary Messages

ReturnEvent_SD

Scope: This is the response to the XML request : GetEvent

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

TARGET Event

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

Event Information

Event Type

Event Time

Event Description

Country Code for Event

Module

End of Event Code

End of TARGET Event

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnEvent</Tp>

<SspPrtryDt>

<ReturnEvent>

<xorBizRptOprlErr>

<BizRpt>

<Evt>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<EvtInf>

<EvtTp>SETT</EvtTp>

<EvtTm>15:00:00</EvtTm>

<EvtDesc>THIRD SETT SSS</EvtDesc>

<EvtCtry>IT</EvtCtry>

<Mdle>HAM</Mdle>

</EvtInf>

</Evt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>4515</Prtry>

</Err>

<Desc>Invalid Query</Desc>

</OprlErr>

</xorBizRptOprlErr>

</ReturnEvent>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

A

A

A

D

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnEvent>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<Evt>		TARGET Event	TARGET Event
		Mandatory	Validation: [1..n] Type [1..1] ScheduledTime [1..1] EffectiveTime [0..1]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlnndChng>-</PlnndChng>	1!a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present "D" if the record will be deleted "M" if a future record exists Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one. The use of the Planned Change flag is made to have information on the future of an active record.
		Mandatory	Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook.
		Mandatory	Validation: [1..1]
<FrstDt>-</FrstDt>	ISODate	First Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</RecStsInf>		End of Record Status Information	<p>End of Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EvtInf>		Event Information	<p>Event Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EvtTp>-</EvtTp>	4x	Event Type	<p>Type of event. Max 4 characters, amongst a list of values.</p> <p>Optional</p> <p>Validation: [0..1]</p>
<EvtTm>-</EvtTm>	Time	Event Time	<p>Event Time with format HH:MM:SS</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EvtDesc>-</EvtDesc>	Max35Text	Event Description	<p>Specifies a character string with a maximum length of 35 characters. This is the description of an event.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EvtCtry>-</EvtCtry>	2x	Country Code for Event	<p>This is the country code attached to the related event.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<Mdle>-</Mdle>	4c	Module	<p>The list of allowed values is : "SSP" meaning that common SSP events are requested "RTGS" meaning that PM events are requested "HAM" meaning that HAM events are requested "RM" meaning that RM events are requested "SF" meaning that SF events are requested "CO1" meaning that CROSS events are requested "CIB" meaning that CRISP events are requested "CII" meaning that CRISP INVOICE events are requested "CA1" meaning that CRAKS1PM events are requested "CA3" meaning that CRAKS3 events are requested "ALL" meaning that all events are to be returned</p> <p>Module of the event</p> <p>Mandatory</p> <p>Validation: [1..1]</p>

name of attribute	format	short description	description
</EvtInfo>		End of Event Code	End of Event Code
		Mandatory	Validation: [1..1]
</Evt>		End of TARGET Event	End of TARGET Event
		Mandatory	Validation: [1..1]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes
		Mandatory	Validation: [1..1]
<Err>		Error handling Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]
</Err>		End error handling Mandatory	Validation: [1..1]
Validation:			
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]
/xorBizRptOprlErr		End of choice Optional	End of Choice Validation:

name of attribute	format	short description	description	
</ReturnEvent>		End of Message Type	End of Message Type for Static Data	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

6. 5.38 ReturnGOA

SSP Proprietary Messages

ReturnGOA_SD

Scope: This is the response to the XML request : GetGOA

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Group Of Account

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

Group of Account Information

Group of Account Name

Group of Accounts ID

Group of Account Type

Responsible CB

End of GOA Information

Consolidated Information

Group of Account Name

Group of Accounts ID

End of Consolidated Information

List Of RTGS Account

RTGS Account

BIC

Account Name

Account Number

Flag Is a Sub Account

Virtual Account

Is the Main Account

End of RTGS Account

End of List Of RTGS Account

End of GOA

End of BusinessReport

OperationalError

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnGOA</Tp>

<SspPrtryDt>

<ReturnGOA>

<xorBizRptOprlErr>

<BizRpt>

<GOA>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<GOAInf>

<GOANm>BK AAAA GROUP</GOANm>

<GOAId>300300001AA</GOAId>

<GOATp>CI</GOATp>

<RspnsblCntrlBk>FR</RspnsblCntrlBk>

</GOAInf>

<CnsltdInf>

<GOANm>BK AAAA CONSOLIDATED</GOANm>

<GOAId>521402185B14</GOAId>

</CnsltdInf>

<ListRTGSAcct>

<RTGSAcct>

<BIC>AAAAFRPPXXX</BIC>

<AcctNm>ACCOUNT NAME</AcctNm>

<AcctNb>FR123456789</AcctNb>

<IsSubAcct>N</IsSubAcct>

<VrtlAcct>854213454</VrtlAcct>

<IsMainAcct>Y</IsMainAcct>

</RTGSAcct>

</ListRTGSAcct>

</GOA>

</BizRpt>

<OprlErr>

M

M

M

M

Error handling	<Err>	A
Proprietary error code	<Prtry>4515</Prtry>	A
End error handling	</Err>	A
Description	<Desc>Invalid Query</Desc>	D
End of Operational Error	</OpriErr>	
End of choice	</xorBizRptOpriErr>	
End of Message Type	</ReturnGOA>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnGOA>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<GOA>		Group Of Account	Group Of Account
		Mandatory	Validation: [1..n]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlndChng>-</PlndChng>	11a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present "D" if the record will be deleted "M" if a future record exists Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one. The use of the Planned Change flag is made to have information on the future of an active record.
		Mandatory	Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook.
		Mandatory	Validation: [1..1]
<FrstDt>-</FrstDt>	ISODate	First Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.
		Mandatory	Validation: [1..1]
<ModDt>-</ModDt>	ISODate	Modification Date	Date within a particular calendar year represented by

name of attribute	format	short description	description
			YYYY-MM-DD (ISO 8601).
			This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.
		Mandatory	Validation: [1..1]
<EndDt>-</EndDt>	ISODate	End Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).
			This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record.
			Otherwise, the End Date takes the value of the modification date or date of the deletion.
		Mandatory	Validation: [1..1]
</RecStsInf>		End of Record Status Information	End of Record Status Information
		Mandatory	Validation: [1..1]
<GOAInf>		Group of Account Information	Group of Account Information
		Mandatory	Validation: [1..1]
<GOANm>-</GOANm>	Max35Text	Group of Account Name	Group of Account Name
		Mandatory	Validation: [1..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Length 12 characters.
		Mandatory	Validation: [1..1]
<GOATp>-</GOATp>	2!a	Group of Account Type	Type of Group of Account. Values accepted are : "CI" for Consolidated Information Group of Accounts "VA" for Virtual Group of Accounts "AL" for getting all type of Group of Accounts (used for 'Get' XML Message).
		Mandatory	Validation: [1..1]
<RspnsblCntrlBk>-</RspnsblCntrlBk>	2!c	Responsible CB	ISO Country Code of the Responsible Central Bank.
		Mandatory	Validation: [1..1]
</GOAInf>		End of GOA Information	End of GOA Information
		Mandatory	Validation: [1..1]
<CnsltdInf>		Consolidated Information	Consolidated Information Group of Account
		Optional	Validation: [0..1]
<GOANm>-</GOANm>	Max35Text	Group of Account Name	Group of Account Name
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<GOAId>-</GOAId>	12x	Group of Accounts ID Mandatory	Group of Accounts ID. Lenght 12 characters. Validation: [1..1]
</CnsltdInf>		End of Consolidated Information Optional	End of Consolidated Information Validation: [0..1]
<ListRTGSAcct>		List Of RTGS Account Optional	List Of RTGS Account Validation: [0..1]
<RTGSAcct>		RTGS Account Optional	RTGS Account Validation: [0..n]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC Optional	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the RTGS account Holder (BIC Participant). Validation: [0..1]
<AcctNm>-</AcctNm>	Max35Text	Account Name Optional	Account Name Validation: [0..1]
<AcctNb>-</AcctNb>	2!c32x	Account Number Optional	Account Number. Lenght 34 characters. The first two characters represent the country code of the responsible CB. Validation: [0..1]
<IsSubAcct>-</IsSubAcct>	1!a	Flag Is a Sub Account Optional	A flag with two values : 'Y' or 'N'. This flag indicates whether an account is (value 'Y') or not (value 'N') a sub account. Validation: [0..1]
<VrtlAcct>-</VrtlAcct>	12x	Virtual Account Optional	Virtual Group of Accounts ID Present only if the related participant is also part of a Virtual Group of Accounts. Validation: [0..1]
<IsMainAcct>-</IsMainAcct>	1!a	Is the Main Account Optional	A flag with two values : 'Y' or 'N'. This flag is used to indicate whether an RTGS Account is the main account of a Group of Accounts or not. Validation: [0..1]
</RTGSAcct>		End of RTGS Account Optional	End of RTGS Account Validation: [0..n]

name of attribute	format	short description	description
</ListRTGSAcct>		End of List Of RTGS Account Optional	End of List Of RTGS Account Validation: [0..n]
</GOA>		End of GOA Mandatory	End of GOA Validation: [1..1]
</BizRpt>		End of BusinessReport Mandatory	End of BusinessReport Validation: [1..1]
<OprlErr>		OperationalError Mandatory	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes Validation: [1..1]
<Err>		Error handling Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]
</Err>		End error handling Mandatory	Validation: [1..1]
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]
/xorBizRptOprlErr		End of choice Optional	End of Choice Validation:

name of attribute	format	short description	description	
</ReturnGOA>		End of Message Type	End of Message Type for Static Data	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

6. 5.39 ReturnHAMAccount

SSP Proprietary Messages

ReturnHAMAccount_SD

Scope: This is the response to the XML request : GetHAMAccount

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

HAM Account

Participant Information

Participant Name1

BIC

BIC Addressee

National Sorting Code

End of Participant Information

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

Account Information

HAM Account Number

HAM Account Type

Notification BIC

Accept MT202 Notify

Accept MT900 Notify

Accept MT910 Notify

Balance Report

End of Account Information

CoManager Information

Co Manager Name

BIC Co Manager

CB Responsible

End of CoManager Information

End of HAM Account

End of BusinessReport

OperationalError

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnHamAccount</Tp>

<SspPrtryDt>

<ReturnHamAccount>

<xorBizRptOprlErr>

<BizRpt>

<HamAccount>

<PtcptInf>

<PtcptNm1>BANK AAAA</PtcptNm1>

<BIC>AAAAFRPPXXX</BIC>

<BICAddss>AAAAFRCCXXX</BICAddss>

<NSC>123456789</NSC>

</PtcptInf>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<AcctInf>

<HamAcctNb>FR581200074</HamAcctNb>

<HamAcctTp>SU</HamAcctTp>

<NtfctnBIC>AAAAFRPPHAM</NtfctnBIC>

<Ntfctn202LqdyTrf>Y</Ntfctn202LqdyTrf>

<Ntfctn900>Y</Ntfctn900>

<Ntfctn910>Y</Ntfctn910>

<BalRpt>950</BalRpt>

</AcctInf>

<CmngInf>

<CmngNm>BANK AAAA LONDON</CmngNm>

<CmngBIC>AAAAGB2LXXX</CmngBIC>

<Ctry>FR</Ctry>

</CmngInf>

</HamAccount>

</BizRpt>

<OprlErr>

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Error handling	<Err>	A
Proprietary error code	<Prtry>4515</Prtry>	A
End error handling	</Err>	A
Description	<Desc>Invalid query</Desc>	D
End of Operational Error	</OpriErr>	
End of choice	</xorBizRptOpriErr>	
End of Message Type	</ReturnHamAccount>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnHamAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<HamAccount>		HAM Account	HAM Account
		Mandatory	Validation: [1..n]
<PtcptInf>		Participant Information	Participant Information
		Mandatory	Validation: [1..1]
<PtcptNm1>-</PtcptNm1>	Max35Text	Participant Name1	Participant Name, first line.
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". For this case, this is the BIC 11 of the participant, owner of the HAM Account.
		Optional	Validation: [0..1]
<BICAddss>-</BICAddss>	4!a2!a2!c[3!c]	BIC Addressee	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the Addressee BIC (BIC 11).
		Optional	Validation: [0..1]
<NSC>-</NSC>	Max15n	National Sorting Code	Code present in the BIC DATA +. Character string with a max length of 15 characters.
		Optional	Validation: [0..1]
</PtcptInf>		End of Participant Information	End of Participant Information
		Mandatory	Validation: [1..1]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlnndChng>-</PlnndChng>	1!a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present

name of attribute	format	short description	description
			<p>"D" if the record will be deleted "M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<FrstDt>-</FrstDt>	ISODate	First Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p> <p>Optional</p> <p>Validation: [0..1]</p>
</RecStsInf>		End of Record Status Information	<p>End of Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<AcctInf>		Account Information	<p>Account Information</p>

name of attribute	format	short description	description
Mandatory			Validation: [1..1]
<HamAcctNb>-</HamAcctNb>	2!c32x	HAM Account Number	Account Number. Length 34 characters. The first two characters represent the country code of the responsible CB. The Account Number is unique within the HAM.
Mandatory			Validation: [1..1]
<HamAcctTp>-</HamAcctTp>	3x	HAM Account Type	Indicates the type of HAM Account. Values may be : "SU" for normal HAM Account "CB" for CB HAM Account "CU" for CB Customer Account "LB" for CB Customer Liquidity Bridge Account (technical) "SFI" for Standing Facilities Interests Account (technical) "RIP" for RM interests and penalty Account (technical) "HAI" for HAM Interests Account (technical) "T2F" for Target 2 Fees Account (technical)
Mandatory			Validation: [1..1]
<NtfctnBIC>-</NtfctnBIC>	4!a2!a2!c[3!c]	Notification BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC used for all notification messages in HAM.
Optional			Validation: [0..1]
<Ntfctn202LqdyTrf>-</Ntfctn202LqdyTrf>	1!a	Accept MT202 Notify	For HAM Account in case of liquidity transfer : A flag with two values : 'Y' or 'N'. This flag indicates that the participant has chosen to receive MT202 in case of liquidity transfer
Mandatory			Validation: [1..1]
<Ntfctn900>-</Ntfctn900>	1!a	Accept MT900 Notify	For HAM Account : A flag with two values : 'Y' or 'N'. This flag indicates that the participant has chosen to receive MT900 for each debit
Mandatory			Validation: [1..1]
<Ntfctn910>-</Ntfctn910>	1!a	Accept MT910 Notify	A flag with two values : 'Y' or 'N'. This flag indicates that the participant has chosen to receive MT910 for each credit.
Mandatory			Validation: [1..1]
<BalRpt>-</BalRpt>	3!n	Balance Report	This is the Swift message type for Balance Report. List of values : "940", "950" or "none"
Mandatory			Validation: [0..1]
</AcctInf>		End of Account Information	End of Account Information
Mandatory			Validation: [1..1]

name of attribute	format	short description	description
<CmngrInf>		CoManager Information	CoManager Information
		Optional	Validation: [0..1]
<CmngrNm>-</CmngrNm>	Max35Text	Co Manager Name	Name of the Co-manager (35x).
		Optional	Validation: [0..1]
<CmngrBIC>-</CmngrBIC>	11x	BIC Co Manager	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Co Manager (Participant BIC).
		Optional	Validation: [0..1]
<Ctry>-</Ctry>	2lc	CB Responsible	Country Code of the Responsible CB.
		Optional	Validation: [0..1]
</CmngrInf>		End of CoManager Information	End of CoManager Information
		Optional	Validation: [0..1]
</HamAccount>		End of HAM Account	End of HAM Account
		Mandatory	Validation: [1..1]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes
		Mandatory	Validation: [1..1]
<Err>		Error handling	
		Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.
		Mandatory	Validation: [1..1]
</Err>		End error handling	
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description	
				D
				Validation:
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Optional	Validation: [0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation: [1..1]	
/xorBizRptOprlErr		End of choice	End of Choice	
		Optional	Validation:	
</ReturnHamAccount>		End of Message Type	End of Message Type for Static Data	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

6. 5.40 ReturnLegalEntity

SSP Proprietary Messages

ReturnLegalEntity_SD

Scope: This is the response to the XML request : GetLegalEntity

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Legal Entity

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

Legal Entity Information

CB Responsible

Legal Entity Name1

Legal Entity Name2

Legal Entity Name3

BIC Legal Entity

City

End of Legal Entity Information

End of Legal Entity

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of Message Type

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnLegalEntity</Tp>

<SspPrtryDt>

<ReturnLegalEntity>

<xorBizRptOprlErr>

<BizRpt>

<LglNtty>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<LglNttyInf>

<Ctry>FR</Ctry>

<LglNttyNm1>GROUP AAAA</LglNttyNm1>

<LglNttyNm2>HEAD OFFICE</LglNttyNm2>

<LglNttyNm3>PAYMENT SYSTEM

DEPARTMENT</LglNttyNm3>

<BICLglNtty>AAAAFRPPXXX</BICLglNtty>

<Cty>PARIS</Cty>

</LglNttyInf>

</LglNtty>

</BizRpt>

<OprlErr>

<Err>

<Prtry>4515</Prtry>

</Err>

</OprlErr>

<Desc>Invalid Query</Desc>

</OprlErr>

</xorBizRptOprlErr>

</ReturnLegalEntity>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnLegalEntity>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOpriErr		Choice amongst Optional	Choice amongst xorBizRptOpriErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<LgINtty>		Legal Entity	Legal Entity
		Mandatory	Validation: [1..n]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlndChng>-</PlndChng>	11a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present "D" if the record will be deleted "M" if a future record exists Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one. The use of the Planned Change flag is made to have information on the future of an active record.
		Mandatory	Validation: [1..1]
<RecSts>-</RecSts>	Max2Text	Record Status	Status of the record. List of values : "AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical) For more information on status management, refer to the ICM UserHandBook.
		Mandatory	Validation: [1..1]
<FrstDt>-</FrstDt>	ISODate	First Activation Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.
		Mandatory	Validation: [1..1]
<ModDt>-</ModDt>	ISODate	Modification Date	Date within a particular calendar year represented by

name of attribute	format	short description	description
			YYYY-MM-DD (ISO 8601).
		Mandatory	This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date. Validation: [1..1]
<EndDt>-</EndDt>	ISODate	End Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.
		Optional	Validation: [0..1]
</RecStsInf>		End of Record Status Information Mandatory	End of Record Status Information Validation: [1..1]
<LgINttyInf>		Legal Entity Information Mandatory	Legal Entity Information Validation: [1..1]
<Ctry>-</Ctry>	2lc	CB Responsible Mandatory	Country Code of the Responsible CB. Validation: [1..1]
<LgINttyNm1>-</LgINttyNm1>	35x	Legal Entity Name1 Mandatory	Legal Entity Name first line. Validation: [1..1]
<LgINttyNm2>-</LgINttyNm2>	35x	Legal Entity Name2 Optional	Legal Entity Name, second line. Validation: [0..1]
<LgINttyNm3>-</LgINttyNm3>	35x	Legal Entity Name3 Optional	Legal Entity Name, third line. Validation: [0..1]
<BICLgINtty>-</BICLgINtty>	11x	BIC Legal Entity Mandatory	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of a Legal Entity. Validation: [1..1]
<Cty>-</Cty>	Max35Text	City Mandatory	City of the Legal Entity (35x) Validation: [1..1]
</LgINttyInf>		End of Legal Entity Information	End of Legal Entity Information

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
</LglNtty>		End of Legal Entity	End of Legal Entity	
		Mandatory	Validation: [1..n]	
</BizRpt>		End of BusinessReport	End of BusinessReport	
		Mandatory	Validation: [1..1]	
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes	
		Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D
			Validation:	
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Optional	End of Choice Validation:	
</ReturnLegalEntity>		End of Message Type Mandatory	End of Message Type for Static Data Validation:	

name of attribute	format	short description	description	
			[1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	
</PrtryMsg>		End proprietary message Mandatory	Validation:	

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Error Codes:

6. 5.41 ReturnParticipant

SSP Proprietary Messages

ReturnParticipant_SD

Scope: This is the response to the XML Request : GetParticipant

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Participant

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

Participant Information

Exclusion

CB Responsible

Legal Entity Name1

Participant Type

BIC

BIC Addressee

BIC Account Holder

Main BIC Flag

National Sorting Code

Participant Name1

Participant Name2

Participant Name3

Address of the participant

ZIP Code

City heading

Institutional Sector Code

Published in the T2 Dir

Packed File Delivery

Service for FileAct in Push Mode

DN for FileAct in Push Mode

End of Participant Information

Account Information

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnParticipant</Tp>

<SspPrtryDt>

<ReturnParticipant>

<xorBizRptOpriErr>

<BizRpt>

<Ptcpt>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<PtcptInf>

<PtcptXclsn>N</PtcptXclsn>

<Ctry>FR</Ctry>

<LglNttyNm1>GROUP AAAA</LglNttyNm1>

<PtcptTp>CI</PtcptTp>

<BIC>AAAAFRPPXXX</BIC>

<BICAddss>AAAAFRCCXXX</BICAddss>

<BICAcctHldr>AAAAFRPPXXX</BICAcctHldr>

<MainBICFlag>Y</MainBICFlag>

<NSC>123456789</NSC>

<PtcptNm1>BANK AAAA</PtcptNm1>

<PtcptNm2>HEAD OFFICE</PtcptNm2>

<PtcptNm3>FRENCH BRANCH</PtcptNm3>

<PtcptAdr>45 Financial Street</PtcptAdr>

<PtcptZIPCd>>75008</PtcptZIPCd>>

<Cty>PARIS</Cty>

<ISC>87135004701</ISC>

<Trgt2Pblshd>Y</Trgt2Pblshd>

<PckdFile>Y</PckdFile>

<Svc>DSP</Svc>

<DN>ou=Financial, o= AAAAFRPP, o=SWIFT</DN>

</PtcptInf>

<AcctInf>

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RTGS Account	<RTGSAcct>	
RTGS Participation	<RTGSTp>D</RTGSTp>	
RTGS Account Number	<RTGSAcctNb>FR030000154200120142</RTGSAcctNb>	
Has Sub Account	<HasSubAcct>Y</HasSubAcct>	
End of RTGS Account	</RTGSAcct>	
Pooling of liquidity	<PoolgLqdt>	
Virtual Account	<VrtlAcct>	
Group of Account Name	<GOANm>BK AAAA VIRTUAL GROUP</GOANm>	
Group of Accounts ID	<GOAId>000010FR</GOAId>	
Main Account of GoA	<MainAcct>BKBBFRPPXXX</MainAcct>	
End of Virtual Account	</VrtlAcct>	
Consolidated Information	<CnsltdtdInf>	
Group of Account Name	<GOANm>BK AAAA CONSO GROUP</GOANm>	
Group of Accounts ID	<GOAId>000020FR</GOAId>	
Main Account of GoA	<MainAcct>BKBBFRPPXXX</MainAcct>	
End of Consolidated Information	</CnsltdtdInf>	
End of Pooling of liquidity	</PoolgLqdt>	
HAM Account	<HamAccount>	
Co-managed accounts	<CmngdAcct>Y</CmngdAcct>	
MT900 Notification for Co-Manager	<Ntfctn900Cmng>Y</Ntfctn900Cmng>	
MT910 Notification for Co-Manager	<Ntfctn910Cmng>Y</Ntfctn910Cmng>	
Balance Report for Co-Manager	<BalRptCmng>950</BalRptCmng>	
HAM Account Number	<HamAcctNb>FR0300001</HamAcctNb>	
End of HAM Account	</HamAccount>	
End of Account Information	</AcctInf>	
Compulsory Reserve Information	<CRinf>	
Minimum Reserve Management	<CRMgmt>D</CRMgmt>	
Source of Compulsory Reserve	<CRSrc>RTGS</CRSrc>	
BIC of Direct Maintainer	<BICMntnr>BKAAFRPPXXX</BICMntnr>	
BIC of MFI Leader	<BICMFILdr>BKBBFRPPXXX</BICMFILdr>	
End of Compulsory Reserve Information	</CRinf>	
SF Allow	<StgFclds>Y</StgFclds>	
End of Participant	</Ptcpt>	
End of BusinessReport	</BizRpt>	
OperationalError	<OpriErr>	
Error handling	<Err>	A
Proprietary error code	<Prtry>4515</Prtry>	A
End error handling	</Err>	A
Description	<Desc>Invalid Query</Desc>	D
End of Operational Error	</OpriErr>	
End of choice	</xorBizRptOpriErr>	
End of Message Type	</ReturnParticipant>	
End of SSP Proprietary Data	</SspPrtryDt>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnParticipant>		Message Type Mandatory	Message Type for Static Data [1..1] Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	<p>BusinessReport</p> <p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.</p>
		Mandatory	<p>Validation:</p> <p>[1..1]</p>
<Ptcpt>-</Ptcpt>		Participant	Participant
		Mandatory	<p>Validation:</p> <p>[1..n]</p>
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	<p>Validation:</p> <p>[1..1]</p>
<PlnndChng>-</PlnndChng>	1!a	Planned Change	<p>Information on record regarding the presence of a future record. Values may be :</p> <p>"N" if no future record is present "D" if the record will be deleted "M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p>
		Mandatory	<p>Validation:</p> <p>[1..1]</p>
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p>
		Mandatory	<p>Validation:</p> <p>[1..1]</p>
<FrstDt>-</FrstDt>	ISODate	First Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.</p>
		Mandatory	<p>Validation:</p> <p>[1..1]</p>

name of attribute	format	short description	description
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p> <p>Optional</p> <p>Validation: [0..1]</p>
</RecStsInf>		End of Record Status Information	<p>End of Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<PtcptInf>		Participant Information	<p>Participant Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<PtcptXclsn>-</PtcptXclsn>	1!a	Exclusion	<p>Exclusion for Participant :</p> <p>A flag with two values : 'Y' or 'N'</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<Ctry>-</Ctry>	2!c	CB Responsible	<p>Country Code of the Responsible CB.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<LgINttyNm1>-</LgINttyNm1>	35x	Legal Entity Name1	<p>Legal Entity Name first line.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<PtcptTp>-</PtcptTp>	2!c	Participant Type	<p>Type of participation. Values may be :</p> <p>CB" for Central Bank "CI" for Credit Institution "CU" for CB's Customer "TC" for Technical "AL" for getting all type of Participant (used for 'Get' XML Message).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>For this case, this is the BIC 11 of the participant</p> <p>Mandatory</p> <p>Validation: [1..1]</p>

name of attribute	format	short description	description
<BICAddss>-</BICAddss>	4!a2!a2!c[3!c]	BIC Addressee	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the Addressee BIC (BIC 11). Optional Validation: [0..1]
<BICAcctHldr>-</BICAcctHldr>	4!a2!a2!c[3!c]	BIC Account Holder	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Account Holder. Optional Validation: [0..1]
<MainBICFlag>-</MainBICFlag>	1!a	Main BIC Flag	A flag with two values : 'Y' or 'N'. This flag indicates that the related BIC is the main BIC to be used when a user has no information where to send to. Mandatory Validation: [1..1]
<NSC>-</NSC>	Max15n	National Sorting Code	Code present in the BIC DATA +. Character string with a max length of 15 characters. Optional Validation: [0..1]
<PtcptNm1>-</PtcptNm1>	Max35Text	Participant Name1	Participant Name, first line. Mandatory Validation: [1..1]
<PtcptNm2>-</PtcptNm2>	Max35Text	Participant Name2	Participant Name, second line. Optional Validation: [0..1]
<PtcptNm3>-</PtcptNm3>	Max35Text	Participant Name3	Participant name, third line. Optional Validation: [0..1]
<PtcptAdr>-</PtcptAdr>	Max140Text	Address of the participant	Address of the participant Optional Validation: [0..1]
<PtcptZIPCd>-</PtcptZIPCd>	Max15Text	ZIP Code	ZIP Code Optional Validation: [0..1]
<Cty>-</Cty>	Max35Text	City heading	City (35x) Mandatory Validation: [1..1]
<ISC>-</ISC>	Max35Text	Institutional Sector Code	Institutional Sector Code Mandatory Validation: [1..1]

name of attribute	format	short description	description
<Trgt2Pblshd>-</Trgt2Pblshd>	1!a	Published in the T2 Dir	A flag with two values : 'Y' or 'N'. Used to publish or not the related Participant in the Target 2 Directory.
		Mandatory	Validation: [1..1]
<PckdFile>-</PckdFile>	1!a	Packed File Delivery	A flag with two values : 'Y' or 'N' This flag indicates whether the participant wants to receive all SwiftNet messages sent by the SSP in packed mode.
		Mandatory	Validation: [1..1]
<Svc>-</Svc>	Max30Text	Service for FileAct in Push Mode	Service (for push mode functionalities)
		Optional	Validation: [0..1]
<DN>-</DN>	100x	DN for FileAct in Push Mode	Distinguish Name, made of max 100 characters (for push mode functionalities).
		Optional	Validation: [0..1]
</PtcptInf>		End of Participant Information	End of Participant Information
		Optional	Validation: [0..1]
<AcctInf>		Account Information	Account Information
		Optional	Validation: [0..1]
<RTGSAcct>		RTGS Account	RTGS Account
		Optional	Validation: [0..1]
<RTGSTp>-</RTGSTp>	1!a	RTGS Participation	Defines the type of participation in the RTGS. List of values : "D" for Direct Participant "I" for Indirect Participant "N" for No Participation "A" for getting all type of RTGS Participation (used for 'Get' XML Message).
		Mandatory	Validation: [1..1]
<RTGSAcctNb>-</RTGSAcctNb>	2!c32x	RTGS Account Number	Account Number. Length 34 characters. First two characters represent the country code of the responsible CB.
		Mandatory	Validation: [1..1]
<HasSubAcct>-</HasSubAcct>	1!a	Has Sub Account	A flag with two values : 'Y' or 'N'. This flag indicates whether a participant has (value 'Y') or not (value 'N') sub account(s).
		Mandatory	Validation: [1..1]
</RTGSAcct>		End of RTGS Account	End of RTGS Account

name of attribute	format	short description	description
		Optional	Validation: [0..1]
<PoolgLqdy>		Pooling of liquidity	Pooling of liquidity (Group of Accounts)
		Optional	Validation: [0..1]
<VrtlAcct>		Virtual Account	Virtual Account
		Optional	Validation: [0..1]
<GOANm>-</GOANm>	Max35Text	Group of Account Name	Group of Account Name
		Optional	Validation: [0..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Lenght 12 characters.
		Optional	Validation: [0..1]
<MainAcct>-</MainAcct>	4!a2!a2!c[3!c]	Main Account of GoA	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 identifying the main account of a Group of Accounts.
		Optional	Validation: [0..1]
</VrtlAcct>		End of Virtual Account	End of Virtual Account
		Optional	Validation: [0..1]
<CnsltdInf>		Consolidated Information	Consolidated Information Group of Account
		Optional	Validation: [0..1]
<GOANm>-</GOANm>	Max35Text	Group of Account Name	Group of Account Name
		Optional	Validation: [0..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Lenght 12 characters.
		Optional	Validation: [0..1]
<MainAcct>-</MainAcct>	4!a2!a2!c[3!c]	Main Account of GoA	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 identifying the main account of a Group of Accounts.
		Optional	Validation: [0..1]
</CnsltdInf>		End of Consolidated Information	End of Consolidated Information

name of attribute	format	short description	description
		Optional	Validation: [0..1]
</PoolgLqdt>		End of Pooling of liquidity	End of Pooling of liquidity
		Optional	Validation: [0..1]
<HamAccount>		HAM Account	HAM Account
		Optional	Validation: [0..1]
<CmngdAcct>-</CmngdAcct>	1!a	Co-managed accounts	A flag with two values : 'Y' or 'N'. This flag indicates whether the participant is (value 'Y') or not (value 'N') co-manager of HAM Accounts.
		Optional	Validation: [0..1]
<Ntfctn900Cmng>-</Ntfctn900Cmng>	1!a	MT900 Notification for Co-Manager	A flag with two values : 'Y' or 'N'. This flag indicates that the co-manager has chosen to receive MT900 for each debit in co-managed HAM Accounts.
		Mandatory	Validation: [1..1]
<Ntfctn910Cmng>-</Ntfctn910Cmng>	1!a	MT910 Notification for Co-Manager	A flag with two values : 'Y' or 'N'. This flag indicates that the co-manager has chosen to receive MT910 for each credit in co-managed HAM Accounts.
		Mandatory	Validation: [1..1]
<BalRptCmng>-</BalRptCmng>	3!n	Balance Report for Co-Manager	This is the Swift message type for Balance Report. List of values : "940" or "950"
		Optional	Validation: [0..1]
<HamAcctNb>-</HamAcctNb>	2!c32x	HAM Account Number	Account Number. Length 34 characters. The first two characters represent the country code of the responsible CB. The Account Number is unique within the HAM.
		Optional	Validation: [0..1]
</HamAccount>		End of HAM Account	End of HAM Account
		Optional	Validation: [0..1]
</AcctInf>		End of Account Information	End of Account Information
		Optional	Validation: [0..1]
<CRInf>		Compulsory Reserve Information	Compulsory Reserve Information
		Optional	Validation: [0..1]
<CRMgmt>-</CRMgmt>	1!a	Minimum Reserve Management	This information represents the way a participant is managing minimum reserve. Values are : "D" for Direct (the participant is managing minimum

name of attribute	format	short description	description
			<p>reserve by itself)</p> <p>"I" for Indirect (the participant is managing minimum reserve through another participant)</p> <p>"P" for Pool (the participant is part of a MFI in order to manage minimum reserve)</p> <p>"L" for Locally</p> <p>"N" for No if the participant is not managing minimum reserve</p> <p>"A" for getting all values (used in the 'Get' XML Message).</p>
		Mandatory	<p>Validation:</p> <p>[1..1]</p>
<CRSrc>-</CRSrc>	1!a	Source of Compulsory Reserve	<p>Gives the source of compulsory reserve. Values are :</p> <p>"R" for RTGS Account</p> <p>"H" for HAM Account</p> <p>"P" for PHA (Proprietary Home Account)</p> <p>"A" for getting all values (used in the 'Get' XML Message).</p>
		Optional	<p>Validation:</p> <p>[0..1]</p>
<BICMntnr>-</BICMntnr>	4!a2!a2!c[3!c]	BIC of Direct Maintainer	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>In this case, this is the BIC 11 of the direct maintainer for minimum reserve management.</p>
		Optional	<p>Validation:</p> <p>[0..1]</p>
<BICMFILdr>-</BICMFILdr>	4!a2!a2!c[3!c]	BIC of MFI Leader	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>In this case, this is the BIC 11 of the MFI leader for minimum reserve management.</p>
		Optional	<p>Validation:</p> <p>[0..1]</p>
</CRInf>		End of Compulsory Reserve Information	<p>End of Compulsory Reserve Information</p>
		Optional	<p>Validation:</p> <p>[0..1]</p>
<StgFclts>-</StgFclts>	1!a	SF Allow	<p>A flag with two values : 'Y' or 'N'.</p> <p>Indicates the possibility to use Standing facilities.</p>
		Mandatory	<p>Validation:</p> <p>[1..1]</p>
</PtcpI>		End of Participant	<p>End of Participant</p>
		Optional	<p>Validation:</p> <p>[0..1]</p>
</BizRpt>		End of BusinessReport	<p>End of BusinessReport</p>
		Optional	<p>Validation:</p> <p>[0..1]</p>
<OprlErr>		OperationalError	<p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then</p>

name of attribute	format	short description	description	
			OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes	
		Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D
			Validation:	
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OpriErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOpriErr		End of choice Optional	End of Choice Validation:	
</ReturnParticipant>		End of Message Type Mandatory	End of Message Type for Static Data Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory	Validation:	M

Error Codes:

6. 5.42 ReturnRTGSAccount

SSP Proprietary Messages

ReturnRTGSAccount_SD

Scope: This is the response to the XML request : GetRTGSAccount

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

RTGS Account

Participant Information

Participant Name1

BIC

BIC Addressee

National Sorting Code

End of Participant Information

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

Account Information

RTGS Account Number

RTGS Account Type

Accept MT900/910

Balance Report

Maximum Amount per day

Credit Based Only

Contingency Account Number

End of Account Information

Liquidity Management

During the Day

Receiver BIC for Liq Removal Daylight

Account for Liq Removal Daylight

End of During the Day

End of Day

Receiver BIC for Liq Removal EoD

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnRTGSAccount</Tp>

<SspPrtryDt>

<ReturnRTGSAccount>

<xorBizRptOpriErr>

<BizRpt>

<RTGSAcct>

<PtcptInf>

<PtcptNm1>BANK AAAA</PtcptNm1>

<BIC>AAAAFRPPXXX</BIC>

<BICAddss>AAAAFRCCXXX</BICAddss>

<NSC>123456789</NSC>

</PtcptInf>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<AcctInf>

<RTGSAcctNb>FR030000154200120142</RTGSAcctNb>

<RTGSAcctTp>CI</RTGSAcctTp>

<AccptAdv>Y</AccptAdv>

<BalRpt>950</BalRpt>

<MaxAmtDay>1000000000.00</MaxAmtDay>

<CdtsBsd>Y</CdtsBsd>

<CtgncyAcctNb>FR030000CR</CtgncyAcctNb>

</AcctInf>

<LqdyMgmt>

<DayLght>

<BICLqdyRmviDayLght>AAAAFRPPLIQ</BICLqdyRmviDayLght>

<AcctLqdyRmviDayLght>FR00050418474</AcctLqdyRmviDayLght>

</DayLght>

<EoD>

<BICLqdyRmviEoD>AAAAFRPPLIQ</BICLqdyRmviEoD>

Account for Liq Removal EoD								<AcctLqdyRmvlEoD>FR3000050418474</AcctLqdyRmvlEoD>	
End of End of Day								</EoD>	
End of Liquidity Management								</LqdyMgmt>	
Pooling of liquidity								<PoolgLqdy>	
Virtual Account								<VrtlAcct>	
Group of Account Name								<GOANm>BK AAAA VIRTUAL GROUP</GOANm>	
Group of Accounts ID								<GOAId>000010FR</GOAId>	
Main Account of GoA								<MainAcct>BKBBFRPPXXX</MainAcct>	
End of Virtual Account								</VrtlAcct>	
Consolidated Information								<CnsltdtdInf>	
Group of Account Name								<GOANm>BK AAAA CONSO GROUP</GOANm>	
Group of Accounts ID								<GOAId>000020FR</GOAId>	
Main Account of GoA								<MainAcct>BKBBFRPPXXX</MainAcct>	
End of Consolidated Information								</CnsltdtdInf>	
End of Pooling of liquidity								</PoolgLqdy>	
End of RTGS Account								</RTGSAcct>	
End of BusinessReport								</BizRpt>	
OperationalError								<OprlErr>	
Error handling								<Err>	A
Proprietary error code								<Prtry>4515</Prtry>	A
End error handling								</Err>	A
Description								<Desc>Invalid Query</Desc>	D
End of Operational Error								</OprlErr>	
End of choice								</xorBizRptOprlErr>	
End of Message Type								</ReturnRTGSAccount>	
End of SSP Proprietary Data								</SspPrtryDt>	
End of Proprietary Data								</PrtryData>	M
End proprietary message								</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnRTGSAccount>		Message Type Mandatory	Message Type for Static Data [1..1] Validation: [1..1]	
xorBizRptOpriErr		Choice amongst Optional	Choice amongst xorBizRptOpriErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<RTGSAcct>		RTGS Account	RTGS Account
		Mandatory	Validation: [1..1]
<PtcptInf>		Participant Information	Participant Information
		Mandatory	Validation: [1..1]
<PtcptNm1>-</PtcptNm1>	Max35Text	Participant Name1	Participant Name, first line.
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the RTGS Account Holder (BIC Participant).
		Mandatory	Validation: [1..1]
<BICAddss>-</BICAddss>	4!a2!a2!c[3!c]	BIC Addressee	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the Addressee BIC (BIC 11).
		Optional	Validation: [0..1]
<NSC>-</NSC>	Max15n	National Sorting Code	Code present in the BIC DATA +. Character string with a max length of 15 characters.
		Optional	Validation: [0..1]
</PtcptInf>		End of Participant Information	End of Participant Information
		Mandatory	Validation: [1..1]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlnndChng>-</PlnndChng>	1!a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present

name of attribute	format	short description	description
			<p>"D" if the record will be deleted "M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<FrstDt>-</FrstDt>	ISODate	First Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p> <p>Optional</p> <p>Validation: [0..1]</p>
</RecStsInf>		End of Record Status Information	<p>End of Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<AcctInf>		Account Information	<p>Account Information</p>

name of attribute	format	short description	description
Mandatory			Validation: [1..1]
<RTGSAcctNb>- </RTGSAcctNb>	2!c32x	RTGS Account Number	Account Number. Length 34 characters. First two characters represent the country code of the responsible CB.
Mandatory			Validation: [1..1]
<RTGSAcctTp>- </RTGSAcctTp>	3x	RTGS Account Type	Indicates the type of RTGS Account. Values may be : "CI" for Credit Institution Account "CB" for Central Bank Account "LB" for CB Customer Liquidity Bridge Account (technical) "SFI" for Standing Facilities Interests Account (for CB only) "RIP" for RM interests and penalty Account (for CB only) "T2F" for Target 2 Fees Account (for CB only) "EC" for ECB Account (Technical) "ECM" for ECB Mirror Account (Technical) "IL" for SSP Interlinking Account (Technical) "ASM" for Ancillary System Mirror Account "AST" for Ancillary System Technical Account (Technical) "ASG" for Ancillary System Guarantee Account "CM" for Contingency Module Account (Technical)
Mandatory			Validation: [1..1]
<AccptAdv>-</AccptAdv>	1!a	Accept MT900/910	For RTGS Account : A flag with two values : 'Y' or 'N'. 'Y' means that the account holder will receive an advice (MT900 or MT910) for each debit/credit of the related RTGS Account. 'N' means that the account holder refuses to receive notification of debit/credit.
Mandatory			Validation: [1..1]
<BalRpt>-</BalRpt>	3!n	Balance Report	This is the Swift message type for Balance Report. List of values : "940", "950" or "none"
Optional			Validation: [0..1]
<MaxAmtDay>-</MaxAmtDay>	18!d	Maximum Amount per day	Maximum Amount per day in case of Direct Debit. Amount, made of a maximum of 17 numbers and one digit (decimal coma)
Optional			Validation: [0..1]
<CdtsBsd>-</CdtsBsd>	1!a	Credit Based Only	A flag with two values : 'Y' or 'N'. Used to indicate whether the related RTGS Account may have an uncovered negative balance (value is 'N') or not (value is 'Y').
Mandatory			Validation: [1..1]
<CtgcncyAcctNb>- </CtgcncyAcctNb>	2!c32x	Contingency Account Number	Account Code. Length 34 characters
Mandatory			Validation: [1..1]
</AcctInf>		End of Account Information	End of Account Information
Mandatory			Validation: [1..1]

name of attribute	format	short description	description
<LqdyMgmt>		Liquidity Management	Liquidity Management [1..1]
		Optional	Validation: [0..1]
<DayLght>		During the Day	Liquidity Management During the Day [1..1]
		Optional	Validation: [0..1]
<BICLqdyRmvlDaylght>- </BICLqdyRmvlDaylght>	4!a2!a2!c[3!c]	Receiver BIC for Liq Removal Daylight	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 used for the liquidity removal during the day.
		Optional	Validation: [0..1]
<AcctLqdyRmvlDaylight>- </AcctLqdyRmvlDaylight>	34x	Account for Liq Removal Daylight Optional	Account Code. Lenght 34 characters Validation: [0..1]
</DayLght>		End of During the Day Optional	End of During the Day Validation: [0..1]
<EoD>		End of Day Optional	Liquidity Management : End of Day [1..1] Validation: [0..1]
<BICLqdyRmvlEoD>- </BICLqdyRmvlEoD>	4!a2!a2!c[3!c]	Receiver BIC for Liq Removal EoD	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 for liquidity removal at the end of day.
		Optional	Validation: [0..1]
<AcctLqdyRmvlEoD>- </AcctLqdyRmvlEoD>	34x	Account for Liq Removal EoD Optional	Account Code. Lenght 34 characters Validation: [0..1]
</EoD>		End of End of Day Optional	End of End of Day Validation: [0..1]
</LqdyMgmt>		End of Liquidity Management Optional	End of Liquidity Management Validation: [0..1]

name of attribute	format	short description	description
<PoolgLqdy>		Pooling of liquidity	Pooling of liquidity (Group of Accounts)
		Optional	Validation: [0..1]
<VrtlAcct>		Virtual Account	Virtual Account
		Optional	Validation: [0..1]
<GOANm>-</GOANm>	Max35Text	Group of Account Name	Group of Account Name
		Optional	Validation: [0..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Lenght 12 characters.
		Optional	Validation: [0..1]
<MainAcct>-</MainAcct>	4!a2!a2!c[3!c]	Main Account of GoA	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 identifying the main account of a Group of Accounts.
		Optional	Validation: [0..1]
</VrtlAcct>		End of Virtual Account	End of Virtual Account
		Optional	Validation: [0..1]
<CnsltdInf>		Consolidated Information	Consolidated Information Group of Account
		Optional	Validation: [0..1]
<GOANm>-</GOANm>	Max35Text	Group of Account Name	Group of Account Name
		Optional	Validation: [0..1]
<GOAId>-</GOAId>	12x	Group of Accounts ID	Group of Accounts ID. Lenght 12 characters.
		Optional	Validation: [0..1]
<MainAcct>-</MainAcct>	4!a2!a2!c[3!c]	Main Account of GoA	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 identifying the main account of a Group of Accounts.
		Optional	Validation: [0..1]
</CnsltdInf>		End of Consolidated Information	End of Consolidated Information
		Optional	Validation: [0..1]

name of attribute	format	short description	description	
</PoolgLqdt>		End of Pooling of liquidity	End of Pooling of liquidity	
		Optional	Validation: [0..1]	
</RTGSAcct>		End of RTGS Account	End of RTGS Account	
		Mandatory	Validation: [1..1]	
</BizRpt>		End of BusinessReport	End of BusinessReport	
		Mandatory	Validation: [1..1]	
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes	
		Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D
			Validation:	
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Optional	End of Choice Validation:	

name of attribute	format	short description	description	
</ReturnRTGSAccount>		End of Message Type	End of Message Type for Static Data	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

6. 5.43 ReturnSFAccount

SSP Proprietary Messages

ReturnSFAccount_SD

Scope: This is the response to the XML Request : GetSFAccount

<camt.998.001.xx>

Structure:

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>a message identifier</Ref>

End Message Identification

</MsgId>

Related

<Rltd>

M

Reference

<Ref>A reference related to the msg</Ref>

End of Related

</Rltd>

M

Proprietary Data

<PrtryData>

M

Proprietary Data type

<Tp>ReturnSFAccount</Tp>

SSP Proprietary Data

<SspPrtryDt>

Message Type

<ReturnSFAccount>

Choice amongst

<xorBizRptOprlErr>

BusinessReport

<BizRpt>

SF Account

<StgFcItsAcct>

Participant Information

<PtcptInf>

Participant Name1

<PtcptNm1>BANK AAAA</PtcptNm1>

BIC

<BIC>BKAARPPXXX</BIC>

BIC Addressee

<BICAddss>AAAAFRCCXXX</BICAddss>

National Sorting Code

<NSC>123456789</NSC>

End of Participant Information

</PtcptInf>

Record Status Information

<RecStsInf>

Planned Change

<PlnndChng>M</PlnndChng>

Record Status

<RecSts>AC</RecSts>

First Activation Date

<FrstDt>2007-01-02</FrstDt>

Modification Date

<ModDt>2007-01-02</ModDt>

End Date

<EndDt>9999-12-31</EndDt>

End of Record Status Information

</RecStsInf>

Account Information

<AcctInf>

SF Account Number Marginal Lending

<StgFcItsAcctNbMgLd>FR0300001542001201ML</StgFcItsAcctNbMgLd>

SF Account Number Overnight Deposit

<StgFcItsAcctNbOnDp>FR0300001542001201OD</StgFcItsAcctNbOnDp>

Module of Settlement for SF Accounts

<MdleSettl>-</MdleSettl>

Settlement Account Number

<SttImAcctNb>FR1295043C</SttImAcctNb>

End of Account Information

</AcctInf>

End of SF Account

</StgFcItsAcct>

End of BusinessReport

</BizRpt>

OperationalError

<OprlErr>

Error handling

<Err>

Proprietary error code

<Prtry>4515</Prtry>

End error handling

</Err>

A
A
A
D

Description

<Desc>Invalid Query</Desc>

End of Operational Error

</OprlErr>

End of choice

</xorBizRptOprlErr>

End of Message Type
End of SSP Proprietary Data
End of Proprietary Data
End proprietary message

```
| | | </ReturnSFAccount>  
| | </SspPrtryDt>  
| </PrtryData>  
</PrtryMsg>
```

M
M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. BIC 11 of the Standing Facilities Account Holder (BIC Participant). Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnSFAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOpriErr		Choice amongst Optional	Choice amongst xorBizRptOpriErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<StgFcltsAcct>		SF Account	SF Account
		Mandatory	Validation: [1..1]
<PtcptInf>		Participant Information	Participant Information
		Mandatory	Validation: [1..1]
<PtcptNm1>-</PtcptNm1>	Max35Text	Participant Name1	Participant Name, first line.
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the BIC 11 of the Participant
		Mandatory	Validation: [1..1]
<BICAddss>-</BICAddss>	4!a2!a2!c3!c]	BIC Addressee	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the Addressee BIC (BIC 11).
		Optional	Validation: [0..1]
<NSC>-</NSC>	Max15n	National Sorting Code	Code present in the BIC DATA +. Character string with a max length of 15 characters.
		Optional	Validation: [0..1]
</PtcptInf>		End of Participant Information	End of Participant Information
		Mandatory	Validation: [1..1]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlnndChng>-</PlnndChng>	1!a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present

name of attribute	format	short description	description
			<p>"D" if the record will be deleted "M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<FrstDt>-</FrstDt>	ISODate	First Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</RecStsInf>		End of Record Status Information	<p>End of Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<AcctInf>		Account Information	<p>Account Information</p>

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<StgFcltsAcctNbMgLd>-</StgFcltsAcctNbMgLd>	2!c32x	SF Account Number Marginal Lending Optional	Account Code. Lenght 34 characters Validation: [0..1]
<StgFcltsAcctNbOnDp>-</StgFcltsAcctNbOnDp>	2!c32x	SF Account Number Overnight Deposit Mandatory	Account Code. Lenght 34 characters Validation: [1..1]
<MdleSettl>-</MdleSettl>	4c	Module of Settlement for SF Accounts Mandatory	Module of Settlement for SF Accounts. List of allowed values is : - RTGS - HAM Validation: [1..1]
<StlAcctNb>-</StlAcctNb>	2!c32x	Settlement Account Number Mandatory	Account Code. Lenght 34 characters Validation: [1..1]
</AcctInf>		End of Account Information Mandatory	End of Account Information Validation: [1..1]
</StgFcltsAcct>		End of SF Account Mandatory	End of SF Account Validation: [1..1]
</BizRpt>		End of BusinessReport Mandatory	End of BusinessReport Validation: [1..1]
<OprlErr>		OperationalError Mandatory	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes Validation: [1..1]
<Err>		Error handling Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]
</Err>		End error handling Mandatory	Validation: [1..1]

Error Codes:

6. 5.44 ReturnStandingOrderMirror

SSP Proprietary Messages

ReturnStandingOrderMirror_SD

Scope: This message is used to return the requested standing orders via GetStandingOrderMirror

<camt.998.001.xx>

Structure:

Name Proprietary message	<PrtryMsg>
Message Identification	<MsgId>
Reference	<Ref>ABC123</Ref>
End Message Identification	</MsgId>
Related	<Rltd>
Reference	<Ref>ABC012</Ref>
End of Related	</Rltd>
Proprietary Data	<PrtryData>
Proprietary Data type	<Tp>ReturnStandingOrderMirror</Tp>
SSP Proprietary Data	<SspPrtryDt>
Message type for static data	<ReturnStandingOrderMirror>
choice	xorBizRptOpriErr
BusinessReport	<BizRpt>
Identification of the standing order	<StgOrdId>
Participant Identification	<PtcptId>
BIC	<BIC>SETTBANKBIC</BIC>
Name of settlement bank first	<PtcptNm>SETTLEMENTBANKNAME</PtcptNm>
End of Participant Identification	</PtcptId>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>SETTLEMENTBANKACCOUNT</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
End of Standing order Id	</StgOrdId>
List of the standing orders	<StgOrdValSet>
Identification of the standing order	<StgMirrorId>123456789012345678</StgMirrorId>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>80000000.00</AmtWthtCcy>
End of Amount	</Amt>
Debtor	<Dbtr>
Financial institution	<FI>
BIC	<BIC>FIELDBIC52X</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
Creditor	<Cdtr>
Financial institution	<FI>
BIC	<BIC>FIELDBIC58X</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>FIELD58ACCOUNT</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>

Final Agent	<FnIAgt>	A
BIC	<BIC>MIRRORBICXX</BIC>	A
End of Final Agent	</FnIAgt>	A
RemittanceInformation	<RmtInf>	A
Unstructured	<Ustrd>ABC1234</Ustrd>	A
EndRemittanceInformation	</RmtInf>	A
Frequency	<Frqcy>DAIL</Frqcy>	A
List of the standing orders (End)	</StgOrdrValSet>	A
End of BusinessReport	</BizRpt>	A
OperationalError	<OprlErr>	A
Error handling	<Err>	A
Proprietary error code	<Prtry>4515</Prtry>	A
End error handling	</Err>	A
Description	<Desc>Invalid Query</Desc>	A
End of Operational Error	</OprlErr>	A
End of choice	/xorBizRptOprlErr	A
message type for static data (end)	</ReturnStandingOrderMirror>	A
End of SSP Proprietary Data	</SspPrtryDt>	A
End of Proprietary Data	</PrtryData>	A
End proprietary message	</PrtryMsg>	A

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	A
<MsgId>		Message Identification Mandatory	Validation: [1..1]	A
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	A
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	A
<Rltd>		Related Mandatory	References a previously received message. Validation: [1..1]	A
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	A
</Rltd>		End of Related Mandatory	End of Related Validation: [1..1]	A
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	A
<Tp>-</Tp>		Proprietary Data type Mandatory	Proprietary Data type Validation: [1..1]	A
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	A
<ReturnStandingOrderMirror>		Message type for static data Mandatory	Validation: [1..1]	A
xorBizRptOprlErr		choice Mandatory	choice amongst BizRpt und OprlErr Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation:	A
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related	A

name of attribute	format	short description	description	
			Get message or an error indication.	
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
		Mandatory	Validation: [1..1]	
<StgOrdId>		Identification of the standing order Mandatory	Validation: [1..1]	A
<PtcptId>		Participant Identification Mandatory	Participant Identification Validation: [1..1]	A
<BIC>-</BIC>	11x	BIC Mandatory	BIC of settlement bank Validation: [1..1]	A
<PtcptNm>-</PtcptNm>	105x	Name of settlement bank first Mandatory	Validation: [1..1]	A
</PtcptId>		End of Participant Identification Mandatory	End of Participant Identification Validation: [1..1]	A
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]	A
<DmstAcct>		Simple Identification Information Mandatory	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held. Validation: [1..1]	A
<Id>-</Id>	34x	Identification Mandatory	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. Account number of the settlement bank Validation: [1..1]	A
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]	A
</AcctId>		End of Account Identification Mandatory	End of Account Identification Validation: [1..1]	A

name of attribute	format	short description	description	
<StgOrdId>		End of Standing order Id	End Standing order Id	A
		Mandatory	Validation: [1..1]	
<StgOrdValSet>		List of the standing orders		A
		Optional	Validation: [0..n]	
<StgMirrorId>-</StgMirrorId>	18x	Identification of the standing order	Identification of the standing order. This Id will be used to modify an existing standing Order. Currently this should be the id of the standing order.	A
		Mandatory	Validation: [1..1]	
<Amt>		Amount		A
		Mandatory	Validation: [1..1]	
		A2A		
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency		A
		Mandatory	Validation: [1..1]	
		A2A		
</Amt>		End of Amount		A
		Mandatory	Validation: [1..1]	
		A2A		
<Dbtr>		Debtor	Information about the debtor of a payment.	A
		Optional	Validation: [0..1]	
<FI>		Financial institution	Financial institution	A
		Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC	BICIdentifier	A
			Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.	
			BIC 52 of the standing order	
		Mandatory	Validation: [1..1]	
</FI>		End of financial institution	End of financial institution	A
		Mandatory	Validation: [1..1]	
</Dbtr>		End of debtor		A
		Optional	Validation: [0..1]	
<Cdtr>		Creditor		A
		Optional	Validation: [0..1]	

name of attribute	format	short description	description	
<FI>		Financial institution	Financial institution	A
		Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC	BICIdentifier	A
			Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.	
		Mandatory	BIC 58 of the standing order Validation: [1..1]	
</FI>		End of financial institution	End of financial institution	A
		Mandatory	Validation: [1..1]	
</Cdtr>		End of Creditor		A
		Optional	Validation: [0..1]	
<CdtrAcct>		CreditorAccount		A
		Optional	Validation: [0..1]	
<DmstAcct>		Simple Identification Information	Simple Identification Information	A
		Mandatory	Validation: [1..1]	
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.	A
			Account number for field 58 of the SO	
		Mandatory	Validation: [1..1]	
</DmstAcct>		End of simple Identification Information		A
		Mandatory	Validation: [1..1]	
</CdtrAcct>		EndCreditorAccount		A
		Optional	Validation: [0..1]	
<FnIAgt>		Final Agent	Provides details about a system and about a member of a system	A
			BIC of mirror account	
		Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC	BICIdentifier	A
			Code allocated to financial institutions by the Registration Authority, under an international identification scheme, as described in the latest version of the standard ISO 9362 "Banking - Banking telecommunication messages - Bank Identifier Codes". SWIFT is the Registration Authority for ISO 9362.	

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
</FnIAgt>		End of Final Agent	End of Final Agent	A
		Mandatory	Validation: [1..1]	
<RmtInf>		RemittanceInformation		A
		Optional	Validation: [0..1]	
<Ustrd>-</Ustrd>	Max140Text	Unstructured	Field 72 of the standing order	A
		Mandatory	Validation: [1..1] Not checked	
</RmtInf>		EndRemittanceInformation		A
		Optional	Validation: [0..1]	
<Frqcy>-</Frqcy>	4x	Frequency		A
		Mandatory	Validation: [1..1]Frequency of SO. In the case of SO mirror account the value is always DAIL.	
</StgOrdValSet>		List of the standing orders (End)		A
		Optional	Validation: [0..n]	
</BizRpt>		End of BusinessReport		A
		Mandatory	Validation: [1..1]	
<OprlErr>		OperationalError	Indicates an operational error	A
		Mandatory	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation: [1..1]	
<Err>		Error handling		A
		Mandatory	Validation: [1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation: [1..1]	
</Err>		End error handling		A
		Mandatory	Validation: [1..1]	
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	A
		Optional	Validation: [0..1]	

name of attribute	format	short description	description	
</OpriErr>		End of Operational Error	End of Operational Error	A
		Mandatory	Validation: [1..1]	
/xorBizRptOpriErr		End of choice		A
		Mandatory	Validation:	
</ReturnStandingOrderMirror>		message type for static data (end)		A
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data	A
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	A
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		A
		Mandatory	Validation:	

Error Codes:

ReturnStandingOrderMirror_SD_1

A

Scope: This message is used to return the requested standing orders via GetStandingOrderMirror

Name Proprietary message	<PrtryMsg>	A
Message Identification	<MsgId>	A
Reference	<Ref>ABC123</Ref>	A
End Message Identification	</MsgId>	A
Related	<Rltd>	A
Reference	<Ref>ABC012</Ref>	A
End of Related	</Rltd>	A
Proprietary Data	<PrtryData>	A
Proprietary Data type	<Tp>ReturnStandingOrderMirror</Tp>	A
SSP Proprietary Data	<SspPrtryDt>	A
Message type for static data	<ReturnStandingOrderMirror>	A
BusinessReport	<BizRpt>	A
Identification of the standing order	<StgOrdId>	A
Participant Identification	<PtcptId>	A
BIC	<BIC>SETTBANKBIC</BIC>	A
Name of settlement bank first	<PtcptNm>SETTLEMENTBANKNAME</PtcptNm>	A
End of Participant Identification	</PtcptId>	A
Account Identification	<AcctId>	A
Simple Identification Information	<DmstAcct>	A
Identification	<Id>SETTLEMENTBANKACCOUNT</Id>	A
End of simple Identification Information	</DmstAcct>	A
End of Account Identification	</AcctId>	A
End of Standing order Id	</StgOrdId>	A
List of the standing orders	<StgOrdValSet>	A
Identification of the standing order	StgMirrorId>123456789012345678</StgMirrorId>	A
Amount	<Amt>	A
Amount without currency	<AmtWthtCcy>500000.00</AmtWthtCcy>	A
End of Amount	</Amt>	A
Debtor	<Dbtr>	A
Financial institution	<FI>	A
BIC	<BIC>FIELDBIC52X</BIC>	A
End of financial institution	</FI>	A
End of debtor	</Dbtr>	A
Creditor	<Cdtr>	A
Financial institution	<FI>	A
BIC	<BIC>FIELDBIC58X</BIC>	A
End of financial institution	</FI>	A
End of Creditor	</Cdtr>	A
CreditorAccount	<CdtrAcct>	A
Simple Identification Information	<DmstAcct>	A
Identification	<Id>FIELD58ACCOUNT</Id>	A
End of simple Identification Information	</DmstAcct>	A
EndCreditorAccount	</CdtrAcct>	A
Final Agent	<FnIAgt>	A
BIC	<BIC>MIRRORBICXX</BIC>	A
End of Final Agent	</FnIAgt>	A
RemittanceInformation	<RmtInf>	A
Unstructured	<Ustrd>FIELD72</Ustrd>	A
EndRemittanceInformation	</RmtInf>	A

Frequency	<Frqcy>DAIL</Frqcy>	A
List of the standing orders (End)	</StgOrdrValSet>	A
End of BusinessReport	</BizRpt>	A
message type for static data (end)	</ReturnStandingOrderMirror>	A
End of SSP Proprietary Data	</SspPrtryDt>	A
End of Proprietary Data	</PrtryData>	A
End proprietary message	</PrtryMsg>	A

6. 5.45 ReturnSubAccount

SSP Proprietary Messages

ReturnSubAccount_SD

Scope: This is the response to the XML Request : GetSubAccount

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

Message Type

Choice amongst

BusinessReport

Sub Account

Participant Information

Participant Name1

BIC

BIC Addressee

National Sorting Code

End of Participant Information

Record Status Information

Planned Change

Record Status

First Activation Date

Modification Date

End Date

End of Record Status Information

Account Information

Sub Account Name

Sub Account Number

Dedicated AS

End of Account Information

End of Sub Account

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of Message Type

End of SSP Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>a message identifier</Ref>

</MsgId>

<Rltd>

<Ref>A reference related to the msg</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnSubAccount</Tp>

<SspPrtryDt>

<ReturnSubAccount>

<xorBizRptOprlErr>

<BizRpt>

<SubAcct>

<PtcptInf>

<PtcptNm1>BANK AAAA</PtcptNm1>

<BIC>AAAAFRPPXXX</BIC>

<BICAddss>AAAAFRCCXXX</BICAddss>

<NSC>123456789</NSC>

</PtcptInf>

<RecStsInf>

<PlnndChng>M</PlnndChng>

<RecSts>AC</RecSts>

<FrstDt>2007-01-02</FrstDt>

<ModDt>2007-01-02</ModDt>

<EndDt>9999-12-31</EndDt>

</RecStsInf>

<AcctInf>

<SubAcctNm>AAAA AS1</SubAcctNm>

<SubAcctNb>FR581200074</SubAcctNb>

<DdctdAS>AS1</DdctdAS>

</AcctInf>

</SubAcct>

</BizRpt>

<OprlErr>

<Err>

<Prtry>4515</Prtry>

</Err>

<Desc>Wrong query</Desc>

</OprlErr>

</xorBizRptOprlErr>

</ReturnSubAccount>

</SspPrtryDt>

M

M

M

M

A

A

A

D

End of Proprietary Data
End proprietary message

| </PrtryData>
 </PrtryMsg>

| M
| M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation:	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation:	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnSubAccount>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOpriErr		Choice amongst Optional	Choice amongst xorBizRptOpriErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	<p>BusinessReport</p> <p>Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication.</p> <p>Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<SubAcct>		Sub Account	<p>Sub Account</p> <p>Mandatory</p> <p>Validation: [1..n]</p>
<PtcptInf>		Participant Information	<p>Participant Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<PtcptNm1>-</PtcptNm1>	Max35Text	Participant Name1	<p>Participant Name, first line.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>BIC 11 of the Sub Account Holder (BIC Participant of the related RTGS Account).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<BICAddss>-</BICAddss>	4!a2!a2!c[3!c]	BIC Addressee	<p>A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes".</p> <p>In this case, this is the Addressee BIC (BIC 11).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<NSC>-</NSC>	Max15n	National Sorting Code	<p>Code present in the BIC DATA +. Character string with a max length of 15 characters.</p> <p>Optional</p> <p>Validation: [1..1]</p>
</PtcptInf>		End of Participant Information	<p>End of Participant Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<RecStsInf>		Record Status Information	<p>Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<PlnndChng>-</PlnndChng>	1!a	Planned Change	<p>Information on record regarding the presence of a future record. Values may be :</p> <p>"N" if no future record is present</p>

name of attribute	format	short description	description
			<p>"D" if the record will be deleted "M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<FrstDt>-</FrstDt>	ISODate	First Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</RecStsInf>		End of Record Status Information	<p>End of Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<AcctInf>		Account Information	<p>Account Information</p>

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
<SubAcctNm>-</SubAcctNm>	Max35Text	Sub Account Name	Sub Account Name	
		Mandatory	Validation: [1..1]	
<SubAcctNb>-</SubAcctNb>	2!c32x	Sub Account Number	Account Code. Lenght 34 characters. The first two characters represent the country code of the responsible CB.	
		Mandatory	Validation: [1..1]	
<DdctdAS>-</DdctdAS>	Max35Text	Dedicated AS	Name of the AS dedicated to the Sub Account.	
		Optional	Validation: [0..1]	
</AcctInf>		End of Account Information	End of Account Information	
		Mandatory	Validation: [1..1]	
</SubAcct>		End of Sub Account	End of Sub Account	
		Mandatory	Validation: [1..n]	
</BizRpt>		End of BusinessReport	End of BusinessReport	
		Mandatory	Validation: [1..1]	
<OpriErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes	
		Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D

name of attribute	format	short description	description
Validation:			
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.
		Optional	Validation:
</OprlErr>		End of Operational Error	End of Operational Error
		Mandatory	Validation: [1..1]
/xorBizRptOprlErr		End of choice	End of Choice
		Optional	Validation:
</ReturnSubAccount>		End of Message Type	End of Message Type for Static Data
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:

Error Codes:

6. 5.46 ReturnT2Wildcard

SSP Proprietary Messages

ReturnT2Wildcard_SD

Scope: This is the response to the XML request : GetT2Wildcard

<camt.998.001.xx>

Structure:

Name Proprietary message

<PrtryMsg>

M

Message Identification

<MsgId>

Reference

<Ref>a message identifier</Ref>

End Message Identification

</MsgId>

Related

<Rltd>

M

Reference

<Ref>A reference related to the msg</Ref>

End of Related

</Rltd>

M

Proprietary Data

<PrtryData>

M

Proprietary Data type

<Tp>ReturnT2Wildcard</Tp>

SSP Proprietary Data

<SspPrtryDt>

Message Type

<ReturnT2Wildcard>

Choice amongst

<xorBizRptOprlErr>

BusinessReport

<BizRpt>

T2 WildCard

<Trgt2WCard>

Participant Information

<PtcptInf>

Participant Name1

<PtcptNm1>BANK AAAA</PtcptNm1>

BIC

<BIC>BKAAFRPPXXX</BIC>

BIC Addressee

<BICAddss>AAAAFRCCXXX</BICAddss>

National Sorting Code

<NSC>123456789</NSC>

End of Participant Information

</PtcptInf>

Record Status Information

<RecStsInf>

Planned Change

<PlnndChng>M</PlnndChng>

Record Status

<RecSts>AC</RecSts>

First Activation Date

<FrstDt>2007-01-02</FrstDt>

Modification Date

<ModDt>2007-01-02</ModDt>

End Date

<EndDt>9999-12-31</EndDt>

End of Record Status Information

</RecStsInf>

T2WildCard Information

<Trgt2WCardInf>

BIC of the T2 Directory Wildcard Rule

<BICID>AAAAFR*</BICID>

BIC Addressee

<BICAddss>BKAAFRCCXXX</BICAddss>

Branch Code

<BrnchFlag>N</BrnchFlag>

Type

<WCardTp>I</WCardTp>

Wildcard participation type

<WCardPtcpTp>-</WCardPtcpTp>

End of T2WildCard Information

</Trgt2WCardInf>

End of T2WildCard

</Trgt2WCard>

End of BusinessReport

</BizRpt>

M

OperationalError

<OprlErr>

Error handling

<Err>

A

Proprietary error code

<Prtry>4515</Prtry>

A

End error handling

</Err>

A

Description

<Desc>Invalid Query</Desc>

D

End of Operational Error

</OprlErr>

M

End of choice

</xorBizRptOprlErr>

End of Message Type
End of SSP Proprietary Data
End of Proprietary Data
End proprietary message

| | | </ReturnT2Wildcard>
| | </SspPrtryDt>
| </PrtryData>
</PrtryMsg>

M
M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation:	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]	
<Rltd>		Related Optional	References a previously received message. Validation: [0..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Validation: [1..1]	
</Rltd>		End of Related Optional	End of Related Validation: [0..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Proprietary Data type Mandatory	Proprietary Data type defines the Type of the free format XML Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<ReturnT2Wildcard>		Message Type Mandatory	Message Type for Static Data Validation: [1..1]	
xorBizRptOprlErr		Choice amongst Optional	Choice amongst xorBizRptOprlErr (Type: xor) Validation:	

name of attribute	format	short description	description
<BizRpt>		BusinessReport	BusinessReport Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation: [1..1]
<Trgt2WCard>		T2 WildCard	T2 WildCard
		Mandatory	Validation: [1..n]
<PtcptInf>		Participant Information	Participant Information
		Mandatory	Validation: [1..1]
<PtcptNm1>-</PtcptNm1>	Max35Text	Participant Name1	Participant Name, first line.
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	4!a2!a2!c3!c	BIC	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". BIC 11 of the T2 WildCard Holder (BIC Participant).
		Mandatory	Validation: [1..1]
<BICAddss>-</BICAddss>	4!a2!a2!c[3!c]	BIC Addressee	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the Addressee BIC (BIC 11).
		Optional	Validation: [0..1]
<NSC>-</NSC>	Max15n	National Sorting Code	Code present in the BIC DATA +. Character string with a max length of 15 characters.
		Optional	Validation: [0..1]
</PtcptInf>		End of Participant Information	End of Participant Information
		Mandatory	Validation: [1..1]
<RecStsInf>		Record Status Information	Record Status Information
		Mandatory	Validation: [1..1]
<PlnndChng>-</PlnndChng>	1!a	Planned Change	Information on record regarding the presence of a future record. Values may be : "N" if no future record is present "D" if the record will be deleted

name of attribute	format	short description	description
			<p>"M" if a future record exists</p> <p>Note : the Planned Change flag has been added in order to help users when displaying an active record. Actually, for an active record with an End Date different from '9999-12-31', it is not possible to know whether the related record will be deleted (when the system reach the End Date) or if a future record exists and will be active, as a substitute for the active one.</p> <p>The use of the Planned Change flag is made to have information on the future of an active record.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<RecSts>-</RecSts>	Max2Text	Record Status	<p>Status of the record. List of values :</p> <p>"AC" for Active "FU" for Future "RE" for Rejected "AR" for Archived "AF" for Archived Future "IC" for In Change "DV" for Delivery (Technical) "ID" for In Deletion (Technical)</p> <p>For more information on status management, refer to the ICM UserHandBook.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<FrstDt>-</FrstDt>	ISODate	First Activation Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). This date represents the first activation date of a functional item, such as a Participant. It is different from the modification date, which is the last date when a modification occurred.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<ModDt>-</ModDt>	ISODate	Modification Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the modification date of the related record. If the record has not been modified since its activation, the modification date is equal to the first activation date.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<EndDt>-</EndDt>	ISODate	End Date	<p>Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601).</p> <p>This is the end date of the related record. Value is equal to '9999-12-31' if no modification or deletion are foreseen for this record. Otherwise, the End Date takes the value of the modification date or date of the deletion.</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</RecStsInf>		End of Record Status Information	<p>End of Record Status Information</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
<Trgt2WCardInf>		T2WildCard Information	T2WildCard Information

name of attribute	format	short description	description
		Optional	Validation: [0..n]
<BICID>-</BICID>	12x	BIC of the T2 Directory Wildcard Rule	BIC of the T2 Directory Wildcard Rule. This field includes a wildcard sign.
		Mandatory	Validation: [1..1]
<BICAddss>-</BICAddss>	4!a2!a2!c[3!c]	BIC Addressee	A code allocated to a financial institution by a Registration Authority under an international identification scheme, as described in the latest edition of the international standard ISO 9362 "Banking - Banking telecommunication messages - Bank identifier codes". In this case, this is the Addressee BIC (BIC 11).
		Optional	Validation:
<BrnchFlag>-</BrnchFlag>	1!a	Branch Code	A flag with two values : 'Y' or 'N'
		Mandatory	Validation: [1..1]
<WCardTp>-</WCardTp>	1!a	Type	Flag indicating whether the rule is included or excluded. Values may be : 'I' for Inclusion 'E' for Exclusion 'A' for getting all type of Wildcard (used for 'Get' XML Message).
		Mandatory	Validation: [1..1]
<WCardPtcpTp>-</WCardPtcpTp>	2!n	Wildcard participation type	Participation type of wildcard
		Optional	Validation: [0..1]
</Trgt2WCardInf>		End of T2WildCard Information	End of T2WildCard Information
		Optional	Validation: [0..n]
</Trgt2WCard>		End of T2WildCard	End of T2WildCard
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
<OprlErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes
		Mandatory	Validation: [1..1]
<Err>		Error handling	

M

A

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation: [1..1]	
</Err>		End error handling		A
		Mandatory	Validation: [1..1]	
				D
			Validation:	
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Optional	Validation: [0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	M
		Mandatory	Validation: [1..1]	
/xorBizRptOprlErr		End of choice	End of Choice	
		Optional	Validation:	
</ReturnT2Wildcard>		End of Message Type	End of Message Type for Static Data	
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		End proprietary message		M
		Mandatory	Validation:	

Error Codes:

6. 6 XML messages related to ASI

6. 6. 1 ASInitiationStatus

SSP Proprietary Messages

ASInitiationStatus

Scope: The ASInitiationStatus is sent by the ASI to inform the sender of the ATransferInitiation of the result (accepted or rejected) of the process of the transactions in the SSP.

This message could be used in the following cases :

- To reject the input file for error in the data
- To confirm a partial execution of the transactions (Model 3)
- To confirm the complete execution of the transactions or the reject of the file for failure or disagreement (Model 4 or Model 5)

<pain.998.001.xx>

Structure:

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASInitiationStatus</Tp>
SSP Proprietary Data	<SspPrtryDt>
GeneralInformation	<GnlInf>
PaymentInitiationStatusIdentification	<PmtInItStsId>ABCD1234</PmtInItStsId>
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>
EndGeneralInformation	</GnlInf>
OriginalGroupReferenceInformationAndStatus	<OrgnIGrpRefInfAndSts>
GroupIdentification	<GrpId>ABCD1234</GrpId>
OriginalMessageType	<OrgnIMsgTp>ASTransferInitiation</OrgnIMsgTp>
SettlementModelType	<SttlmMdlTp>3000</SttlmMdlTp>
DecisionIndicator	<Declnd>False</Declnd>
GroupStatus	<GrpSts>PART</GrpSts>
StatusReason	<StsRsn>
BilaterallyAgreed	<BilyAgrd>A009</BilyAgrd>
EndStatusReason	</StsRsn>
EndOriginalGroupReferenceInformationAndStatus	</OrgnIGrpRefInfAndSts>
OriginalPaymentInformation	<OrgnIPmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>
OriginalTransactionReferenceInformationAndStatus	<OrgnITxRefInfAndSts>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABCD1234</InstrId>
EndToEndIdentification	<EndToEndId>ABCD1234</EndToEndId>
EndPaymentIdentification	</PmtId>
TransactionStatus	<TxSts>ACSC</TxSts>
StatusReason	<StsRsn>
BilaterallyAgreed	<BilyAgrd>AB12</BilyAgrd>
EndStatusReason	</StsRsn>
AdditionalInformaton	<AddtlInf>123.45</AddtlInf>
EndOriginalTransactionReferenceInformationAndStatus	</OrgnITxRefInfAndSts>
EndOriginalPaymentInformation	</OrgnIPmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

Attributes:

name of attribute	format	short description	description
<pain.998.001.01>		Message Type	SSP proprietary message for Ancillary system interface
		Mandatory	Validation: [1..1]
<PrtryDt>		Proprietary Data	Proprietary Data
		Mandatory	Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type
		Mandatory	Validation: [1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory	Validation: [1..1]
<GnlInf>		GeneralInformation	
		Mandatory	Validation: [1..1]
<PmtInitnStsId>-</PmtInitnStsId>	Max35Text	PaymentInitiationStatusIdentification	Reference assigned by the ASI to unambiguously identify the status message
		Mandatory	Validation: [1..1]
<CreDtTm>-</CreDtTm>	ISODateTime	CreationDateTime	Date and time at which the credit transfer initiation was created by the initiating party
		Mandatory	Validation: [1..1]
</GnlInf>		EndGeneralInformation	
		Mandatory	Validation: [1..1]
<OrgnlGrpRefInfAndSts>		OriginalGroupReferenceInformationAndStatus	
		Mandatory	Validation: [1..1]
<Grpld>-</Grpld>	Max35Text	GroupIdentification	Reference assigned by the sender to identify the group of individual transfers being sent
			Filled with the field "GroupIdentification" of the original message.
		Mandatory	Validation: [1..1]
<OrgnlMsgTp>-</OrgnlMsgTp>	Max35Text	OriginalMessageType	Specifies the message type for which the status is reported: "ASTransferInitiation"
		Mandatory	Validation: [1..1]
<StlmMdlTp>-</StlmMdlTp>		SettlementModelType	Specifies the generic settlement Procedure
			1000 = Procedure 1 (Liquidity transfer) 2000 = Procedure 2 (Real time settlement) 3000 = Procedure 3 (Bilateral settlement) 4000 = Procedure 4 (Standard multilateral settlement) 5000 = Procedure 5 (Simultaneous multilateral)

name of attribute	format	short description	description
		Mandatory	<p>settlement) 6000 = Procedure 6 (Settlement on dedicated liquidity)</p> <p>It is identical to the model of payment indicated in the original message</p> <p>Validation: [1..1]</p>
<DeclInd>-</DeclInd>	True/False	DecisionIndicator	<p>TRUE = Receipt Requested The ASI is waiting for a Receipt to have the decision of the AS about the use of the Guarantee Mechanism</p> <p>Not used in other cases</p> <p>Validation: [0..1]</p>
<GrpSts>-</GrpSts>	Max4AlphaNumericText	GroupStatus	<p>Status information concerning the group of payment transactions included in the original message.</p> <p>ACSC = AcceptedSettlementCompleted Settlement on the debtor's account has been completed for all the transactions in the file. There is no list of single positions because they are all settled.</p> <p>INVL = Invalid The input file cannot be processed because of error</p> <p>PART = PartiallyAccepted A number of transactions have been accepted, whereas another number of transactions have not achieved "settled" status. The status of each transaction is indicated at Payment level in the list of single positions. 'PART' is also used if no transactions have been executed.</p> <p>REVR = Reversed The file which was previously "PartiallyAccepted" is now totally rejected after a reversing procedure of the transactions which were settled</p> <p>RJCT = Rejected Payment initiation or individual transaction included in the payment initiation has been rejected or revoked. The whole file is rejected</p> <p>RJDA = RejectedDisagreement Disagreement of the CB in case of transactions relative to excluded Settlement Bank or excluded AS. The whole file is rejected</p> <p>Validation: [0..1]</p>
<StsRsn>		StatusReason	<p>Used to -indicate the failure reason in case of complete reject for failure -the reason for a reverse -the error code in case of invalid input file</p> <p>Otherwise not used.</p> <p>Validation: [0..1]</p>
<BilyAgrd>-</BilyAgrd>	Max4AlphaNumericText	BilaterallyAgreed	<p>-Error codes specified by ASI (A0xx) in case of invalid input message</p> <p>-In case of reject of a file after Reverse: "GANR" if the AS decision to use the guarantee account was negative, "GALL" if there is a lack of liquidity on the guarantee account</p> <p>-Failure reason in case of complete rejection of a file: RVOK = Revoke. The file has been revoked RJSP = RejectedSettlementPeriod. The file is rejected because the Settlement period time is reached. RDIB = File rejected at cutoff time due to insufficiency</p>

name of attribute	format	short description	description
			balance in the account to be decreased EXAS = File rejected for AS exclusion EXSB = File rejected because it contains a transaction relative to an excluded settlement bank DPNS = Daylight settlement period has not started
		Mandatory	Validation: [1..1]
</StsRsn>		EndStatusReason	
		Optional	Validation: [0..1]
</OrgnlGrpRefInfAndSts>		EndOriginalGroupReferenceInformationAndStatus	
		Mandatory	Validation: [1..1]
<OrgnlPmtInf>		OriginalPaymentInformation	
		Optional	Validation: [0..n]
<ReqdExctnDt>-</ReqdExctnDt>	ISODate	RequestExecutionDate	Date at which the initiating party requests that the payment instruction be processed (=settlement date)
		Optional	Validation: [0..1]
<OrgnlTxRefInfAndSts>		OriginalTransactionReferenceInformationAndStatus	
		Mandatory	Validation: [1..1]
<PmtId>		PaymentIdentification	Set of elements to provide further means of referencing a payment transaction
		Mandatory	Validation: [1..1]
<InstrId>-</InstrId>	Max16Text	InstructionIdentification	Unique and unambiguous identifier for a payment instruction assigned by the initiating party =Identification indicated in the original message
		Mandatory	Validation: [1..1]
<EndToEndId>-</EndToEndId>	Max16Text	EndToEndIdentification	Unique and unambiguous identification of a payment transaction, as assigned by any of the parties on the initiating side, that will be passed on throughout the entire end-to-end chain
		Mandatory	Validation: [1..1]
</PmtId>		EndPaymentIdentification	End of Set of elements to reference a payment transaction
		Mandatory	Validation: [1..1]
<TxSts>-</TxSts>		TransactionStatus	Status of a transaction included in the original message ACSC = AcceptedSettlementCompleted Settlement on the debtor's account has been completed. INVL = Invalid The input payment cannot be processed because of error COPS = CurrentOrderPartiallySettled

name of attribute	format	short description	description
			Current order from AS has been partially settled REVR = Reversed Reject of a transaction which was previously settled RJCT = Rejected Payment initiation or individual transaction included in the payment initiation has been rejected or revoked. RJDA = RejectedDisagreement Disagreement of the CB in case of transactions relative to excluded Settlement Bank or excluded AS. The transaction is rejected..
		Optional	Validation: [0..1]
<StsRsn>		StatusReason	Error code in case TransactionStatus is "INVL" Failure reason in case TransactionStatus is "RJCT"
		Optional	Validation: [0..1]
<BilyAgrd>-</BilyAgrd>	Max4AlphaN umericText	BilaterallyAgreed	-Error code specified by ASI (A0xx) in case of invalid payment -Failure reason in case of payment rejected RVOK = Revoke The payment has been revoked RJSP = RejectedSettlementPeriod. The payment is rejected because the Settlement period time is reached. DPNS = DaySettlementPeriodNotStarted. Daylight settlement period has not started RDIB = RejectedDecreaseInsufficientBalance. Decrease rejected due to insufficient balance GENE = Generic Error EXSB = Exclusion Settlement Bank
		Mandatory	Validation: [1..1]
</StsRsn>		EndStatusReason	
		Optional	Validation: [0..1]
<AddtlInf>-</AddtlInf>	18d	AdditionalInformaton	Settled amount of a current order which is partially settled
		Optional	Validation: [0..1]
</OrgnlTxRefInfAndSts>		EndOriginalTransactionReferenceInformationAndStatus	
		Mandatory	Validation: [1..1]
</OrgnlPmtInf>		EndOriginalPaymentInformation	
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryDt>		End of Proprietary Data	
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
</pain.998.001.01>		End Message Type	
		Mandatory	Validation: [1..1]

Error Codes:

ASInitiationStatus_1

Scope: Sample of ASInitiationStatus used to reject the input file for error in the data

In case of error at payment level, the whole file has the status "invalid" and only the erroneous payments will be listed with their error code. In case of error at GroupHeader level the optional OriginalPaymentInformation part of the message is not used.

Message Type	<pain.998.001.01>		
Proprietary Data	<PrtryDt>		
Proprietary Data type	<Tp>ASInitiationStatus</Tp>		
SSP Proprietary Data	<SspPrtryDt>		
GeneralInformation	<GnlInf>		
PaymentInitiationStatusIdentification	<PmtInitnStsId>ABC1234</PmtInitnStsId>		
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>		
EndGeneralInformation	</GnlInf>		
OriginalGroupReferenceInformationAndStatus	<OrgnlGrpRefInfAndSts>		
GroupIdentification	<Grpld>ABCD1234</Grpld>		
OriginalMessageType	<OrgnlMsgTp>ASTransferInitiation</OrgnlMsgTp>		
SettlementModelType	<SttlmMdlTp>3000</SttlmMdlTp>		
GroupStatus	<GrpSts>INVL</GrpSts>		
EndOriginalGroupReferenceInformationAndStatus	</OrgnlGrpRefInfAndSts>		
OriginalPaymentInformation	<OrgnlPmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
OriginalTransactionReferenceInformationAndStatus	<OrgnlTxRefInfAndSts>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>ABCD123456</InstrId>		
EndToEndIdentification	<EndToEndId>ABCD123456</EndToEndId>		
EndPaymentIdentification	</PmtId>		
TransactionStatus	<TxSts>INVL</TxSts>		
StatusReason	<StsRsn>		
BilaterallyAgreed	<BilyAgrd>A018</BilyAgrd>		
EndStatusReason	</StsRsn>		
EndOriginalTransactionReferenceInformationAndStatus	</OrgnlTxRefInfAndSts>		
EndOriginalPaymentInformation	</OrgnlPmtInf>		
End of SSP Proprietary Data	</SspPrtryDt>		
End of Proprietary Data	</PrtryDt>		
End Message Type	</pain.998.001.01>		

ASInitiationStatus_1c

Scope: Sample of ASInitiationStatus used to reject the input file for general error in the data (message sent at the wrong time in the procedure / cycle)

In case of error in the Header or a general error, the whole file is "invalid". The GroupStatus is "Invalid" and the error code is indicated in StatusReason. The optional OriginalPaymentInformation part of the message is not used.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASInitiationStatus</Tp>
SSP Proprietary Data	<SspPrtryDt>
GeneralInformation	<GnlInf>
PaymentInitiationStatusIdentification	<PmtInitnStsId>ABCD1234</PmtInitnStsId>
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>
EndGeneralInformation	</GnlInf>
OriginalGroupReferenceInformationAndStatus	<OrgnlGrpRefInfAndSts>
GroupIdentification	<GrpId>ABCD789</GrpId>
OriginalMessageType	<OrgnlMsgTp>ASTransferInitiation</OrgnlMsgTp>
SettlementModelType	<SttlmMdlTp>6000</SttlmMdlTp>
GroupStatus	<GrpSts>INVL</GrpSts>
StatusReason	<StsRsn>
BilaterallyAgreed	<BilyAgrd>A034</BilyAgrd>
EndStatusReason	</StsRsn>
EndOriginalGroupReferenceInformationAndStatus	</OrgnlGrpRefInfAndSts>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASInitiationStatus_1d

Scope: Sample of ASInitiationStatus used to reject the input file for error in the data

In case of error in the Header or a general error, the whole file is "invalid". The GroupStatus is "Invalid" and the error code is indicated in StatusReason. The optional OriginalPaymentInformation part of the message is not used.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASInitiationStatus</Tp>
SSP Proprietary Data	<SspPrtryDt>
GeneralInformation	<GnlInf>
PaymentInitiationStatusIdentification	<PmtInitnStsId>ABCD1234</PmtInitnStsId>
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>
EndGeneralInformation	</GnlInf>
OriginalGroupReferenceInformationAndStatus	<OrgnlGrpRefInfAndSts>
GroupIdentification	<GrpId>ABCD789</GrpId>
OriginalMessageType	<OrgnlMsgTp>ASTransferInitiation</OrgnlMsgTp>
SettlementModelType	<SttlmMdlTp>4000</SttlmMdlTp>
GroupStatus	<GrpSts>INVL</GrpSts>
StatusReason	<StsRsn>
BilaterallyAgreed	<BilyAgrd>A005</BilyAgrd>
EndStatusReason	</StsRsn>
EndOriginalGroupReferenceInformationAndStatus	</OrgnlGrpRefInfAndSts>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASInitiationStatus_2

Scope: In Procedure 6, the transactions included in the ASTransferInitiation file can be partially executed. The role of ASInitiationStatus is to indicate the list of these transactions with their result (Settled or not)
The ASInitiationStatus is composed of a first mandatory part (Group level) and one optional repetitive part (Transaction level) :

In case of partial execution of the input file, the ASInitiationStatus contains all the references of the transaction with their status and error code in case of failure.

Message Type	<pain.998.001.01>		
Proprietary Data	<PrtryDt>		
Proprietary Data type	<Tp>ASInitiationStatus</Tp>		
SSP Proprietary Data	<SspPrtryDt>		
GeneralInformation	<GnlInf>		
PaymentInitiationStatusIdentification	<PmtInitnStsId>ABCD1234</PmtInitnStsId>		
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>		
EndGeneralInformation	</GnlInf>		
OriginalGroupReferenceInformationAndStatus	<OrgnlGrpRefInfAndSts>		
GroupIdentification	<Grpld>ABCD1234</Grpld>		
OriginalMessageType	<OrgnlMsgTp>ASTransferInitiation</OrgnlMsgTp>		
SettlementModelType	<SttlmMdlTp>6000</SttlmMdlTp>		
GroupStatus	<GrpSts>PART</GrpSts>		
EndOriginalGroupReferenceInformationAndStatus	</OrgnlGrpRefInfAndSts>		
OriginalPaymentInformation	<OrgnlPmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
OriginalTransactionReferenceInformationAndStatus	<OrgnlTxRefInfAndSts>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>ABCD1234</InstrId>		
EndToEndIdentification	<EndToEndId>ABCD1234</EndToEndId>		
EndPaymentIdentification	</PmtId>		
TransactionStatus	<TxSts>COPS</TxSts>		
AdditionalInformation	<AddtlInf>123456.78</AddtlInf>		
EndOriginalTransactionReferenceInformationAndStatus	</OrgnlTxRefInfAndSts>		
EndOriginalPaymentInformation	</OrgnlPmtInf>		
OriginalPaymentInformation	<OrgnlPmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
OriginalTransactionReferenceInformationAndStatus	<OrgnlTxRefInfAndSts>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>XYZ987</InstrId>		
EndToEndIdentification	<EndToEndId>XYZ987</EndToEndId>		
EndPaymentIdentification	</PmtId>		
TransactionStatus	<TxSts>ACSC</TxSts>		
EndOriginalTransactionReferenceInformationAndStatus	</OrgnlTxRefInfAndSts>		
EndOriginalPaymentInformation	</OrgnlPmtInf>		
End of SSP Proprietary Data	</SspPrtryDt>		
End of Proprietary Data	</PrtryDt>		
End Message Type	</pain.998.001.01>		

ASInitiationStatus_3

Scope: When the ASInitiationStatus is sent to confirm the execution of or reject (for invalid message at GeneralInformation level, disagreement, or non settlement) the complete ASTransferInitiation message, it is reduced to the first mandatory part GeneralInformation / OriginalGroupReferenceInformationAndStatus which contains the GroupStatus and the StatusReason. The repetitive optional parts which refer the transactions are not specified,

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASInitiationStatus</Tp>
SSP Proprietary Data	<SspPrtryDt>
GeneralInformation	<GnlInf>
PaymentInitiationStatusIdentification	<PmtInitnStsId>ABCD1234</PmtInitnStsId>
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>
EndGeneralInformation	</GnlInf>
OriginalGroupReferenceInformationAndStatus	<OrgnGrpRefInfAndSts>
GroupIdentification	<GrpId>ABCD1234</GrpId>
OriginalMessageType	<OrgnMsgTp>ASTransferInitiation</OrgnMsgTp>
SettlementModelType	<SttlmMdlTp>4000</SttlmMdlTp>
GroupStatus	<GrpSts>RJDA</GrpSts>
StatusReason	<StsRsn>
BilaterallyAgreed	<BilyAgrd>EXSB</BilyAgrd>
EndStatusReason	</StsRsn>
EndOriginalGroupReferenceInformationAndStatus	</OrgnGrpRefInfAndSts>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASInitiationStatus_4

Scope: This ASInitiationStatus sample is sent by the ASI to request a decision from the AS on the use of the Guarantee Mechanisms. In this case the ASInitiationStatus contains the list of all the transactions with the TransactionStatus "AcceptedSettled" for the debits which are settled and the value "Rejected" for the debits which are not settled and for all the credits. The StatusReason is filled with 'RDIB' only for the rejected debit transactions, it is not used for the rejected credit transaction. The value of the DecisionIndicator is "True"

Message Type	<pain.998.001.01>		
Proprietary Data	<PrtryDt>		
Proprietary Data type	<Tp>ASInitiationStatus</Tp>		
SSP Proprietary Data	<SspPrtryDt>		
GeneralInformation	<GnlInf>		
PaymentInitiationStatusIdentification	<PmtInitnStsId>ABCD1234</PmtInitnStsId>		
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>		
EndGeneralInformation	</GnlInf>		
OriginalGroupReferenceInformationAndStatus	<OrgnlGrpRefInfAndSts>		
GroupIdentification	<Grpld>ABCD1234</Grpld>		
OriginalMessageType	<OrgnlMsgTp>ASTransferInitiation</OrgnlMsgTp>		
SettlementModelType	<SttlmMdlTp>4000</SttlmMdlTp>		
DecisionIndicator	<Declnd>true</Declnd>		
GroupStatus	<GrpSts>PART</GrpSts>		
EndOriginalGroupReferenceInformationAndStatus	</OrgnlGrpRefInfAndSts>		
OriginalPaymentInformation	<OrgnlPmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
OriginalTransactionReferenceInformationAndStatus	<OrgnlTxRefInfAndSts>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>ABCD1234</InstrId>		
EndToEndIdentification	<EndToEndId>ABCD1234</EndToEndId>		
EndPaymentIdentification	</PmtId>		
TransactionStatus	<TxSts>RJCT</TxSts>		
StatusReason	<StsRsn>		
BilaterallyAgreed	<BilyAgrd>RDIB</BilyAgrd>		
EndStatusReason	</StsRsn>		
EndOriginalTransactionReferenceInformationAndStatus	</OrgnlTxRefInfAndSts>		
EndOriginalPaymentInformation	</OrgnlPmtInf>		
OriginalPaymentInformation	<OrgnlPmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
OriginalTransactionReferenceInformationAndStatus	<OrgnlTxRefInfAndSts>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>XYZ987</InstrId>		
EndToEndIdentification	<EndToEndId>XYZ987</EndToEndId>		
EndPaymentIdentification	</PmtId>		
TransactionStatus	<TxSts>RJCT</TxSts>		
EndOriginalTransactionReferenceInformationAndStatus	</OrgnlTxRefInfAndSts>		
EndOriginalPaymentInformation	</OrgnlPmtInf>		
End of SSP Proprietary Data	</SspPrtryDt>		
End of Proprietary Data	</PrtryDt>		
End Message Type	</pain.998.001.01>		

ASInitiationStatus_5

Scope: This ASInitiationStatus sample is sent by the ASI to confirm a complete reject of a file after reversing procedure.

When the ASI receives a Receipt with a negative decision to use the Guarantee account or if there is a lack of liquidity on the guarantee account the reversing procedure is initiated and the ASI sends to the AS an ASInitiationStatus with the list of all the transactions.

The StatusReason at Group level indicates the Reverse Reason :

- . Negative decision from the AS
- . Lack of liquidity on the Guarantee account

The TransactionStatus of the debit transactions which were previously "AcceptedSettlementCompleted" is changed with the status "Reversed"

-The TransactionStatus of the other transactions remain "Rejected" as previously with the StatusReason code 'RDIB' for rejected debit transactions.

Message Type	<pain.998.001.01>		
Proprietary Data	<PrtryDt>		
Proprietary Data type	<Tp>ASInitiationStatus</Tp>		
SSP Proprietary Data	<SspPrtryDt>		
GeneralInformation	<GnlInf>		
PaymentInitiationStatusIdentification	<PmtInItNStsId>ABCD1234</PmtInItNStsId>		
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>		
EndGeneralInformation	</GnlInf>		
OriginalGroupReferenceInformationAndStatus	<OrgnIGrpRefInfAndSts>		
GroupIdentification	<GrpId>ABCD1234</GrpId>		
OriginalMessageType	<OrgnIMsgTp>ASTransferInitiation</OrgnIMsgTp>		
SettlementModelType	<SttImMdlTp>4000</SttImMdlTp>		
GroupStatus	<GrpSts>REVR</GrpSts>		
StatusReason	<StsRsn>		
BilaterallyAgreed	<BilyAgrd>GANR</BilyAgrd>		
EndStatusReason	</StsRsn>		
EndOriginalGroupReferenceInformationAndStatus	</OrgnIGrpRefInfAndSts>		
OriginalPaymentInformation	<OrgnPmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
OriginalTransactionReferenceInformationAndStatus	<OrgnITxRefInfAndSts>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>ABCD1234</InstrId>		
EndToEndIdentification	<EndToEndId>ABCD1234</EndToEndId>		
EndPaymentIdentification	</PmtId>		
TransactionStatus	<TxSts>REVR</TxSts>		
EndOriginalTransactionReferenceInformationAndStatus	</OrgnITxRefInfAndSts>		
EndOriginalPaymentInformation	</OrgnPmtInf>		
OriginalPaymentInformation	<OrgnPmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
OriginalTransactionReferenceInformationAndStatus	<OrgnITxRefInfAndSts>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>XYZ987</InstrId>		
EndToEndIdentification	<EndToEndId>XYZ987</EndToEndId>		
EndPaymentIdentification	</PmtId>		
TransactionStatus	<TxSts>RJCT</TxSts>		
EndOriginalTransactionReferenceInformationAndStatus	</OrgnITxRefInfAndSts>		
EndOriginalPaymentInformation	</OrgnPmtInf>		
End of SSP Proprietary Data	</SspPrtryDt>		
End of Proprietary Data	</PrtryDt>		

End Message Type

</pain.998.001.01>

ASInitiationStatus_6

Scope: Sample of ASInitiationStatus used to confirm the complete execution file
In the Header the GroupStatus is "ACSC" and the StatusReason is not used.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASInitiationStatus</Tp>
SSP Proprietary Data	<SspPrtryDt>
GeneralInformation	<GnlInf>
PaymentInitiationStatusIdentification	<PmtInitnStsId>ABCD1234</PmtInitnStsId>
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>
EndGeneralInformation	</GnlInf>
OriginalGroupReferenceInformationAndStatus	<OrgnlGrpRefInfAndSts>
GroupIdentification	<GrpId>ABCD789</GrpId>
OriginalMessageType	<OrgnlMsgTp>ASTransferInitiation</OrgnlMsgTp>
SettlementModelType	<SttlmMdlTp>4000</SttlmMdlTp>
GroupStatus	<GrpSts>ACSC</GrpSts>
EndOriginalGroupReferenceInformationAndStatus	</OrgnlGrpRefInfAndSts>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

6. 6. 2 ASTransferInitiation

SSP Proprietary Messages

ASTransferInitiation

Scope: This message is sent by the AS to transfer the transaction files to be executed by the SSP. The message is used for all the models but it can be used as single where relevant.

Several PaymentInformation can be included in the message. The ASI will accept one and only one PaymentTransaction by PaymentInformation.

-----Identification of the AS-----

When the message is sent by a CB (on behalf of the AS), the BIC of the AS is filled in the InitiatingParty

-----Settlement-----

The accounts in the SSP which must be settled by the PM are defined by the FirstAgent and the FinalAgent. These two attributes are mandatory in each transaction.

The Settlement module has to debit the FirstAgent and to credit the FinalAgent.

The Debtor and the Creditor are optional.

The Debtor is used to define an ordering institution before the FirstAgent

The Creditor is used to define a beneficiary after the FinalAgent.

-----Addressing validations-----

Addressing depends on the sender of the message, on the Model and on the Payment scheme code.

<pain.998.001.xx>

Structure:

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>-</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-01-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>12345678.90</CtrlSum>
NumberOfTransactions	<NbOfTx>1</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>3000</SttlmMdlTp>
ScheduledTime	<SchdldTm>
InformationPeriodType	<InfPrdTp>AGRE</InfPrdTp>
Choice	xorFrTmTmPrd
FromTime	<FrTm>12:00:00</FrTm>
Duration	<TmPrd>00:30:00</TmPrd>
EndChoice	/xorFrTmTmPrd
EndScheduledTime	</SchdldTm>
SettlementPeriodType	<SttlmPrdTp>
Choice	xorToTmTmPrd
To Time	<ToTm>12:30:00</ToTm>
Duration	<TmPrd>00:30:00</TmPrd>
Choice	/xorToTmTmPrd
EndSettlementPeriodType	</SttlmPrdTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>INNDNL2UXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>

SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>CUO</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
Debtor	<Dbtr>
Name of the account. An additional identification	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>AAAAGRAAXX</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
DebtorAccount	<DbtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndDebtorAccount	</DbtrAcct>
First Agent	<FrstAgt>
BIC	<BIC>BBBBGRAAXX</BIC>
End First Agent	</FrstAgt>
FirstAgentAccount	<FrstAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>GR12345XX01</Id>
End of simple Identification Information	</DmstAcct>
EndFirstAgentAccount	</FrstAgtAcct>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>12345678.90</InstAmt>
End of Amount	</Amt>
Creditor	<Cdtr>
Name	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>BANKFRPPXXX</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>FR98765CC01</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final Agent	<FnIAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>FR00000XX01</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>

RemittanceInformation					<RmtInf>
Unstructured					<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation					</RmtInf>
End of Information payment transaction.					</PmtTx>
EndPaymentInformation					</PmtInf>
End of SSP Proprietary Data					</SspPrtryDt>
End of Proprietary Data					</PrtryDt>
End Message Type					</pain.998.001.01>

Attributes:

name of attribute	format	short description	description
<pain.998.001.01>		Message Type	SSP proprietary message for Ancillary system interface
		Mandatory	Validation: [1..1]
<PrtryDt>		Proprietary Data	Proprietary Data
		Mandatory	Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type
		Mandatory	Validation: [1..1]Always "ASTransferInitiation"
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory	Validation: [1..1]
<GrpHdr>		GroupHeader	
		Mandatory	Validation: [1..1]
<Grpld>-</Grpld>	Max35Text	GroupIdentification	Reference assigned by the sender to identify the group of individual transfers being sent
		Mandatory	Validation: [1..1] ASI checks GroupIdentification together with the sender BIC: this couple of tags have to be unique over a period of 5 days
<CreDtTm>-</CreDtTm>	ISODateTime	CreationDateTime	Date and time at which the transfer initiation was created
		Mandatory	Validation: [1..1]
<CtrlSum>-</CtrlSum>	DecimalNumber	ControlSum	Total of all the individual instructed amounts
		Optional	Validation: [0..1] If filled, ASI calculates the sum of the individual amounts in Payment Transaction and checks if it is equal to the ControlSum
<NbOfTx>-</NbOfTx>	Max15NumericText	NumberOfTransactions	Number of individual transactions contained in the message, ie the number of occurrences of PaymentTransaction
		Optional	Validation: [0..1] If filled, ASI checks that this number is equal to the number of occurrences of PaymentTransaction in the message For Model 1 and 2: Must be "1" (if filled)
<Prty>-</Prty>	Max4Text	Priority	Priority of all the payments at Group level
		Optional	Validation: [0..1] The authorised code is : HIGH
<SttlmMdlTp>-</SttlmMdlTp>		SettlementModelType	Specifies the generic settlement Procedure
			1000 = Procedure 1 (Liquidity transfer) 2000 = Procedure 2 (Real time settlement) 3000 = Procedure 3 (Bilateral settlement)

name of attribute	format	short description	description
			4000 = Procedure 4 (Standard multilateral settlement) 5000 = Procedure 5 (Simultaneous multilateral settlement) 6000 = Procedure 6 (Settlement on dedicated liquidity accounts)
		Mandatory	Validation: [1..1] -Must belong to the following list: "1000"= Model 1 (Liquidity transfer) "2000" = Model 2 (Real time settlement) "3000" = Model 3 (Bilateral settlement) "4000" = Model 4 (Standard multilateral settlement) "5000" = Model 5 (Simultaneous multilateral settlement) "6000" = Model 6 (Settlement on dedicated liquidity accounts) ASI checks if the sender (or the InitiatingParty if filled in) has the right to make use of the indicated settlement model
<SchdldTm>		ScheduledTime	
		Optional	Validation: [0..1] The whole sequence cannot be used for settlement models 6 (i.e. if <SttlmMdlTp>-</SttlmMdlTp> =6000)
<InfPrdTp>-</InfPrdTp>		InformationPeriodType	Information = INFO The Settlement Bank is informed of the Scheduled Time but has not the possibility to disagree. Agreement = AGRE The Settlement Bank is informed of the Scheduled Time and has the possibility to disagree.
		Mandatory	Validation: [1..1] Models 1, 2: the possible code is "INFO"; models 3, 4, 5: the possible code is "AGRE" model 6 : the field is ignored
xorFrTmTmprd		Choice	
		Optional	Validation:
<FrTm>-</FrTm>	ISOTime	FromTime	ISOTime (hh:mm:ss) of the Scheduled Time
		Mandatory	Validation: [1..1] Must be later than the current time
<TmPrd>-</TmPrd>	ISOTime	Duration	ISOTime before the Scheduled Time
		Mandatory	Validation: [1..1] ASI adds the duration to the current system time to calculate the "FromTime"
/xorFrTmTmprd		EndChoice	
		Optional	Validation:
</SchdldTm>		EndScheduledTime	
		Optional	Validation: [0..1]
<SttlmPrdTp>		SettlementPeriodType	
		Optional	Validation: [0..1] The whole sequence is ignored for settlement models 6 (<SttlmMdlTp>-</SttlmMdlTp> =6000)

name of attribute	format	short description	description
xorToTmTmPrd		Choice Optional	Validation:
<ToTm>-</ToTm>	ISOTime	To Time Mandatory	ISOTime (hh:mm:ss) of the Settlement Period Validation: [1..1] Must be later that the current time It must be later that the ScheduledTime if present
<TmPrd>-</TmPrd>	ISOTime	Duration Mandatory	ISOTime before the Scheduled Time which indicates the duration of the settlement Validation: [1..1] - If the ScheduledTime is missing : ASI adds the duration to the current system time to calculate the "ToTime" - If the ScheduledTime is present : ASI adds the duration to the "Scheduled time" to calculate the "ToTime"
xorToTmTmPrd		Choice Optional	Validation:
</SttlmPrdTp>		EndSettlementPeriodType Optional	Validation: [0..1]
<InitgPty>		InitiatingParty Optional	Validation: [0..1] The optional sequence will be filled in only in case a CB is sending the message on behalf of an AS
<FI>		Financial institution Mandatory	Financial institution Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC Validation: [1..1] If the sender is a CB then the Initiating Party must be filled with a BIC of an authorised AS and member of this CB. In other cases, this field is ignored.
</FI>		End of financial institution Mandatory	End of financial institution Validation: [1..1]
</InitgPty>		EndInitiatingParty Optional	Validation: [0..1]
</GrpHdr>		EndGroupHeader Mandatory	Validation: [1..1]
<PmtInf>		PaymentInformation Mandatory	Set of characteristics that applies to the debit side of the payment transactions Validation:

name of attribute	format	short description	description
			[1..n] For settlement models 1, 2: Only one occurrence is allowed
<ReqdExctnDt>-</ReqdExctnDt>	ISODate	RequestExecutionDate	Date at which the initiating party requests that the payment instruction be processed (=settlement date)
		Mandatory	Validation: [1..1] Must be the current business day
<CdtTrfTpId>		CreditTransferTypeIdentification	Set of elements that further identifies the type of credit transfer requested
		Optional	Validation: [0..1]
<SttlmPrty>		SettlementPriorityChoice	Priority or specific payment
		Mandatory	Validation: [1..1] For procedure 6, all values in the current schema files are authorised. All the transactions must have the same PaymentScheme / code in one single file For procedure 1 to 5, only code "REP" is authorised. There can be both transactions with PaymentScheme / code "REP" and transactions without PaymentScheme / code in one single file.
<PmtSchme>		PaymentScheme	Specific rulebook governing the rules of settlement
		Mandatory	Validation: [1..1]
<Cd>-</Cd>	Max3Alphan umericTxt		"CUO" = Model 6 Current Order Current order sent either by an AS on behalf of a Settlement Bank "CSP" = Model 6 Connected SSP Automatic increase/decrease of liquidity by connected payments on SSP account "CHA" = Model 6 Connected Home Account Automatic increase/decrease of liquidity with credit lines managed in proprietary home account "COL" = Model 6 Auto-Collateral File of mandated payments to debit (credit) AS Auto collateral mirror account and credit (debit) sub-accounts of Settlement Banks "REP" = Model 6 Auto-collateral for Repo countries Automatic increase/decrease of blocked liquidity by auto-collateralisation for repo countries "REP" = Model 1 to 5 REPO operations "STR" = Model 6 Specific Transactions Increase of dedicated liquidity triggered by specific transactions "SET" = Model 6 Settlement Settlement "SOR" = Model 6 Standing Order Code used only in ASTransferNotice to notify to the AS the funds booked on the mirror account after standing order execution
		Mandatory	Validation: [1..1] Code SOR is not allowed

name of attribute	format	short description	description
</PmtSchme>		EndPaymentScheme Mandatory	Validation: [1..1]
</SttlmPrty>		EndSettlementPriorityChoice Optional	Validation: [0..1]
</CdtTrfTpId>		EndCreditTransferTypeIdentification Optional	Validation: [0..1]
<Dbtr>		Debtor Optional	Information about the debtor of a payment. Validation: [0..1]
<Nm>-</Nm>	Max62FINCh aracterText	Name of the account. An additional identification Optional	Name of the debtor Shall be mapped to the MT900 in field 72 with codeword /ASDEBT/ (without truncation) In procedure 1, the Debtor name will be filled in the field 72 of the MT202 with /ASDB/ Validation: [0..1] The contents must comply with the FIN set of characters.
<FI>		Financial institution Optional	Financial institution Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC =BIC of the ordering institution If it is filled in Model 1, it will be copied in MT202 (field 52A) In others models, shall be mapped to the MT900 with codeword /ASDEBT/ Validation: [1..1] If filled, it must be a published SWIFT BIC
</FI>		End of financial institution Optional	End of financial institution Validation: [0..1]
</Dbtr>		End of debtor Optional	Validation: [0..1]
<DbtrAcct>		DebtorAccount Optional	Validation: [0..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification	Identification of an entity In procedure 1, if a valid BIC is indicated as Debtor, the DebtorAccount will be field in the field 52A In procedure 1, if Debtor name and BIC are not present, the account number of the debtor will be filled in field 72

name of attribute	format	short description	description
			of MT202 with /ASDB/ If it is filled in model 1, it will be copied in MT202 (field 52A account number) In others models, shall be mapped to the MT900 with codeword /ASDEBT/ Mandatory Validation: [1..1] The contents must comply with the FIN set of characters.
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</DbtrAcct>		EndDebtorAccount Optional	Validation: [0..1]
<FrstAgt>		First Agent Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC =BIC debited in the SSP Validation: [1..1] Checked in the framework of Addressing rules
</FrstAgt>		End First Agent Mandatory	End First Agent Validation: [1..1]
<FrstAgtAcct>		FirstAgentAccount Optional	Validation: [0..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	Identification of an entity Validation: [1..1] Model 1, 2, 3, 4, 5: ignored Model 6 : checked in the framework of addressing validation rules
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</FrstAgtAcct>		EndFirstAgentAccount Optional	Validation: [0..1]
<PmtTx>		Information payment transaction. Mandatory	Payment processes required to transfer cash from the debtor to the creditor. Validation:

name of attribute	format	short description	description
			[1..1] Only one occurrence of PaymentTransaction in PaymentInformation
<PmtId>		PaymentIdentification	Set of elements to provide further means of referencing a payment transaction
		Mandatory	Validation: [1..1]
<InstrId>-</InstrId>	Max16Text	InstructionIdentification	Unique and unambiguous identifier for a payment instruction assigned by the initiating party
		Mandatory	Validation: [1..1] Must be unique between all InstructionIdentification in the message. Additionally, the reference of transaction, composed of BIC 11 of the AS which initiates the transaction (if the sender is an AS or the CB which sends on behalf of the AS) or of the Settlement Bank (If the sender is a Settlement Bank) + InstructionIdentification must be unique over a period of 5 business days
<EndToEndId>-</EndToEndId>	Max16Text	EndToEndIdentification	Unique and unambiguous identification of a payment transaction, as assigned by any of the parties on the initiating side, that will be passed on throughout the entire end-to-end chain This identification must comply with the FIN set of characters and must not contain slashes, it will be mapped to the Settlement Bank on MT900/910 field 21 For the Model1, shall be on MT202 field 21
		Mandatory	Validation: [1..1]
</PmtId>		EndPaymentIdentification	End of Set of elements to reference a payment transaction
		Mandatory	Validation: [1..1]
<Amt>		Amount	
		Mandatory	Validation: [1..1]
<InstAmt>-</InstAmt>	18d	InstructedAmount	Amount of money to be transferred between debtor and creditor expressed in Euros
		Mandatory	Validation: [1..1] The amount must be compatible with the format 15d used in FIN messages, it must be different from zero Model 4, 5 : The total amount of debited payments to the AS Technical Account must be equal to the total amount of credited payments to the Technical Account
</Amt>		End of Amount	End of Amount
		Mandatory	Validation: [1..1]
<Cdtr>		Creditor	
		Optional	Validation: [0..1]
<Nm>-</Nm>	70x	Name	Shall be mapped to the MT910 with codeword /ASCRED/ (without truncation) In procedure 1, the Creditor Name will be filled in the field 72 of the MT202 with codeword /ASCR/

name of attribute	format	short description	description
		Optional	Validation: [0..1] The contents must comply with the FIN set of characters.
<FI>		Financial institution	Financial institution
		Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC	BIC =BIC of the final beneficiary (after the FinalAgent) If it is filled in Model 1, it will be copied in MT202 (field 58A) In others models, shall be mapped to the MT910 in field 72 with codeword /ASCRED/
		Mandatory	Validation: [1..1] If filled, it must be a published SWIFT BIC
</FI>		End of financial institution	End of financial institution
		Optional	Validation: [0..1]
</Cdtr>		End of Creditor	
		Optional	Validation: [0..1]
<CdtrAcct>		CreditorAccount	
		Optional	Validation: [0..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Account of the final beneficiary Validation: [1..1]
<Id>-</Id>	35x	Identification	Identification of an entity The contents must comply with the FIN set of characters. In procedure 1, if a valid BIC is indicated as Creditor, the account number will be filled in fiel 58A of the MT202 In procedure 1, if Debtor name and BIC are not present, the account number of the creditor will be filled in field 72 of MT202 with /ASCR/ In others models, shall be mapped to the MT910 in field 72 with codeword /ASCRED/
		Mandatory	Validation: [1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation: [1..1]
</CdtrAcct>		EndCreditorAccount	
		Optional	Validation: [0..1]
<FnIAgt>		Final Agent	Provides details about a system and about a member of a system Is the BIC of the account to be credited in the SSP
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	BIC Procedure 4 and procedure 5 :FirstAgent or FinalAgent

name of attribute	format	short description	description
		Mandatory	must be a Technical Account Validation: [1..1] Checked in the framework of addressing validation rules
</FnIAgt>		End of Final Agent	End of Final Agent
		Mandatory	Validation: [1..1]
<FnIAgtAcct>		FinalAgentAccount	
		Optional	Validation: [0..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Identification	Identification of an entity
		Mandatory	Validation: [1..1] Model 1, 2, 3, 4, 5 :Ignored Model 6: Checked in the framework of addressing validation rules. FirstAgent and FinalAgent accounts must be different
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation: [1..1]
</FnIAgtAcct>		EndFinalAgentAccount	
		Optional	Validation: [0..1]
<RmtInf>		RemittanceInformation	
		Optional	Validation: [0..1]
<Ustrd>-</Ustrd>	Max140Text	Unstructured	The contents must comply with the FIN set of characters. Model 1: Shall be mapped to the outgoing MT202 field 72 Model 6 (code CUO) : Shall be mapped to the remittance information of the payment transaction branch of the ASTransferNotice sent to the AS Others models : Shall be mapped to the MT900/910 field 72 Validation: [1..1] Not checked
</RmtInf>		EndRemittanceInformation	
		Optional	Validation: [0..1]
</PmtTx>		End of Information payment transaction.	
		Mandatory	Validation:

name of attribute	format	short description	description
			[1..1]
</PmtInf>		EndPaymentInformation	
		Mandatory	Validation:
			[1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation:
			[1..1]
</PrtryDt>		End of Proprietary Data	
		Mandatory	Validation:
			[1..1]
</pain.998.001.01>		End Message Type	
		Mandatory	Validation:
			[1..1]

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
A86				RVOK	Error Text: The payment has been revoked Validation: The transaction was revoked Remark:
862	C2		TM01	2862	Error Text: Request out of cut-off time Validation: The request must be received during the operating hours of the ASI Remark:
A40				A040	Error Text: The AS is not authorised to request a Connected payment. Validation: When PaymentScheme code is "CSP", the flag authorising the AS to submit connected payments on behalf of the CB should be set to "yes" Remark:
A80				DPNS	Error Text: Daylight settlement period has not started Validation: Daylight settlement period has not started and the operation requested can only be performed in daylight. Remark:
A83				GENE	Error Text: Generic error Validation: Generic error Remark:
A93				RJDA	Error Text: File / transaction was revoked by the CB after disagreement. Validation: File / transaction was revoked by the CB after disagreement. Remark:
A85				RJSP	Error Text: The payment is rejected because the Settlement period time is reached Validation: Transaction or file is rejected because it is unsettled at the end of the Settlement period Remark:
610	L1		AM04	RDIB	Error Text: Removal of payment because of missing cover or exceeding a limit/ Decrease rejected due to insufficient balance Validation: Remark:
620	L2			EXSB	Error Text: Exclusion of payment by PM / Exclusion Settlement Bank Validation: Remark:
A92				EXAS	Error Text: The file / transaction is rejected because the AS is excluded Validation: The file / transaction is rejected because the AS is excluded Remark:
A90				COPS	Error Text: Current order partially settled Validation: Current order partially settled Remark:
A89				INVL	Error Text: Invalid file or transaction Validation: Invalid file or transaction

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Remark:

	A88	RJCT	Error Text:	Payment initiation or individual transaction included in the payment initiation has been rejected.
			Validation:	Payment initiation or individual transaction included in the payment initiation has been rejected.
			Remark:	
	A87	REVR	Error Text:	Rejection after reversing procedure
			Validation:	Rejection after reversing procedure
			Remark:	
	A84	RJED	Error Text:	Payment Reject at end of day
			Validation:	Transaction remained unsettled at the end of the day
			Remark:	
1	A01	A001	Error Text:	Sender not allowed
			Validation:	The sending DN must be linked in Static Data to -a CB or -an AS
			Remark:	
2	A02	A002	Error Text:	AS missing or not allowed in InitiatingParty / SubjectDetails
			Validation:	If the DN is relative to a CB, then, if the message is sent on behalf of the AS, the Tag Initiating Party must be filled with a BIC of an authorised AS member of this CB.
			Remark:	
3	A19	A019	Error Text:	Double GroupIdentification
			Validation:	The reference of the file, composed of: BIC (11 characters) of the sender of the message + GroupIdentification, must be unique
			Remark:	
4	A03	A003	Error Text:	Invalid date
			Validation:	The date and time in <CreDtTm> at which the file was created by the initiating party must be the date of the business day
			Remark:	
5	A04	A004	Error Text:	Invalid ControlSum
			Validation:	If <CtrlSum> is filled, it must be equal to the sum of the individual amounts in <PmtTx>
			Remark:	
6	A05	A005	Error Text:	Invalid NumberOfTransactions
			Validation:	If <NbOfTx> (number of individual transactions contained in the message) is filled, it must be equal to the number of occurrences of <PmtTx>. In case of Procedures 1 and 2, this number must be equal to 1
			Remark:	
7	A06	A006	Error Text:	Invalid PriorityType
			Validation:	Priority of all the payments in tag <Prty>, if filled, must be equal to "HIGH"
			Remark:	
8	A07	A007	Error Text:	Invalid SettlementModelType
			Validation:	<SttlmMdlTp> must belong to the list: 1000, 2000, 3000, 4000, 5000, 6000

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Remark:

9	A08	A008	Error Text:	SettlementModelType not allowed for the sender	Validation: <InitgPty> (or the sender of the message if <InitgPty> is not present) must be authorised to send this <SttlmMdlTp> according to Static Data	Remark:
10	A09	A009	Error Text:	Invalid InformationPeriodType	Validation: If Procedures 1 or 2 are used, the <InfPrdTp>, if filled, must be "INFO". If Procedures 3 to 5 are used, the <InfPrdTp>, if filled, must be "AGRE"	Remark:
11	A10	A010	Error Text:	Invalid FromTime	Validation: If filled, <FrTm> must be later than the current system time.	Remark:
12	A11	A011	Error Text:	Invalid ToTime	Validation: If filled, <ToTm> must be later that the current time and later that the scheduled time if present.	Remark:
13	A02	A002	Error Text:	AS missing or not allowed in InitiatingParty / SubjectDetails	Validation: If the sender of the message is a CB (on behalf of the AS) then the <BIC> in <InitgPty> must be filled with a BIC of an authorised AS of which this CB is responsible.	Remark:
14	A03	A003	Error Text:	Invalid date	Validation: <ReqdExctnDt> in each payment must be the date of the business day.	Remark:
15	A13	A013	Error Text:	Invalid PaymentScheme code	Validation: Tag <Cd> shall be filled only if <SttlmMdlTp> is 6000 then the Code has to be checked with the list of PaymentScheme codes for Procedure 6. / The same PaymentScheme code must be contained in all transactions of the message.	Remark:
16	A34	A034	Error Text:	Order or message out of sequence	Validation: Tag <Cd> must be filled with a code that is consistent with the current phase of AS business (opening / closing of procedures and cycles)	Remark:
17	A14	A014	Error Text:	FirstAgent not allowed	Validation: <BIC> in <FrstAgt> must be consistent with the addressing rules.	Remark:
18	A15	A015	Error Text:	FirstAgent Domestic account not allowed	Validation: In the framework of Procedure 6, <FrstAgtAcct> must be consistent with the addressing rules.	Remark:
19	A33	A033	Error Text:	Inconsistency between SettlementModelType, FirstAgent and FinalAgent	Validation: In the framework of Procedure 6, some business cases require the indication of a sub-account in <FrstAgtAcct>	

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Remark:

20	A20	A020	Error Text:	Double payment identification	Validation: A reference of the payment is computed for each transaction in the file. If the sender is an AS or the CB which sends on behalf of the AS, the reference is composed of BIC (11 characters) of the AS which initiates the transaction + <InstrId>. If the sender is a CB the reference is composed of: BIC (11 characters) of the Settlement Bank (or the CB) + <InstrId>. This reference must be unique over a period of 5 business days.
			Remark:		
21	A12	A012	Error Text:	Reference limited to 16 alphanumerical characters	Validation: In order to allow correct FIN mapping, <InstrId> must contain 16 characters or less.
			Remark:		
22	A12	A012	Error Text:	Reference limited to 16 alphanumerical characters	Validation: <EndToEndId> must contain 16 characters or less.
			Remark:		
23	A24	A024	Error Text:	Amount unavailable	Validation: <InstrAmt> must be different from zero / Format 15d must be used.
			Remark:		
24	A23	A023	Error Text:	Sum of debit from Technical account is not equal to sum of credit to Technical account	Validation: In case of Procedure 4 or 5, the total amount of debited payments from AS Technical Account must be equal to the total amount of credited payments to the Technical Account
			Remark:		
25	A16	A016	Error Text:	FinalAgent not allowed	Validation: <BIC> in <FnIAgt> must be consistent with the addressing rules.
			Remark:		
26	A18	A018	Error Text:	FirstAgent and FinalAgent accounts must be different	Validation: FirstAgent and FinalAgent accounts must be different
			Remark:		
27	A33	A033	Error Text:	Inconsistency between SettlementModelType, FirstAgent and FinalAgent	Validation: In the framework of Procedures 4 and 5, <BIC> in <FnIAgt> or <BIC> in <FrstAgt> must identify an AS Technical account.
			Remark:		
28	A17	A017	Error Text:	FinalAgent Domestic account not allowed	Validation: In the framework of Procedure 6, <FnIAgtAcct> must be consistent with the addressing rules.
			Remark:		
29	A33	A033	Error Text:	Inconsistency between SettlementModelType, FirstAgent and FinalAgent	Validation: <FnIAgtAcct> must identify a sub-account or account number in specific cases
			Remark:		
30	A41	A041	Error Text:	Debtor BIC is not a published SWIFT BIC	

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Validation: If filled, Debtor BIC must be a published SWIFT BIC

Remark:

31 A42

A042 **Error Text:** Creditor BIC is not a published SWIFT BIC

Validation: If filled, Creditor BIC must be a published SWIFT BIC

Remark:

ASTransferInitiation_1

Scope: This sample of ASTransferInitiation is sent by an AS or a CB on its behalf to debit the mirror account of the AS and credit a Settlement bank in the framework of Model 1

-----Addressing validations rules-----

Sender= BIC of the AS or BIC of the CB on behalf of the AS

FirstAgent = BIC of the mirror account of the AS

FinalAgent = BIC of a Settlement Bank

Option :

Debtor : if present, it will be copied in MT202 field 52A (BIC + Domestic account)

Creditor : if present, it will be copied in MT202 field 58A (BIC+ Domestic account)

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<GrpId>ABC1234</GrpId>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>12345678.90</CtrlSum>
NumberOfTransactions	<NbOfTx>1</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>1000</SttlmMdlTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>INNDNL2UXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
Debtor	<Dbtr>
Name of the account. An additional identification	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>AAAAGRPPXXX</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
DebtorAccount	<DbtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndDebtorAccount	</DbtrAcct>
First Agent	<FrstAgt>
BIC	<BIC>INNDNL2UMIR</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>12345678.90</InstAmt>
End of Amount	</Amt>
Creditor	<Cdtr>
Name	<Nm>ABC1234</Nm>

Financial institution	<FI>
BIC	<BIC>BANKFRPPXXX</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>FR98765CC01</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final Agent	<FnIAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_2

Scope: This message is sent by the AS or a CB on its behalf in the framework of Model 2 to debit a Settlement bank and to credit the same or another one, or to perform a transaction between the AS technical account and the account of a Settlement Bank.

-----Addressing validations rules-----

Sender= BIC of the AS or BIC of the CB on behalf of the AS

Case 1: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of a Settlement Bank

Case 2: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of a Technical Account

Case 3: FirstAgent = BIC of a Technical Account, FinalAgent = BIC of a Settlement Bank

Option : The AS participants (BIC, name, account number) which are credited or debited in the SSS may be indicated in the elements "Creditor" and "Debtor". The "Debtor" elements will be mapped to field 72 of the MT900.

The "Creditor" elements will be mapped to field 72 of the MT910.

The contents of field "Ustrd" will be mapped to field 72 of the MT900/910.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>12345678.90</CtrlSum>
NumberOfTransactions	<NbOfTx>1</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>2000</SttlmMdlTp>
ScheduledTime	<SchldTm>
InformationPeriodType	<InfPrdTp>INFO</InfPrdTp>
FromTime	<FrTm>12:00:00</FrTm>
EndScheduledTime	</SchldTm>
SettlementPeriodType	<SttlmPrdTp>
Duration	<TmPrd>00:30:00</TmPrd>
EndSettlementPeriodType	</SttlmPrdTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCILU2LXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
Debtor	<Dbtr>
Name of the account. An additional identification	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>AAAAGRPPXXX</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
DebtorAccount	<DbtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndDebtorAccount	</DbtrAcct>
First Agent	<FrstAgt>
BIC	<BIC>BBBBGRAAXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>

PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>12345678.90</InstAmt>
End of Amount	</Amt>
Creditor	<Cdtr>
Name	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>BANKFRPPXXX</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>FR98765CC01</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final Agent	<FnIAgt>
BIC	<BIC>BANCIT21XXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_2b

Scope: This message is sent by the AS or a CB on its behalf in the framework of Model 2 to debit a Settlement bank and to credit the AS technical account.

-----Addressing validations rules-----

Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of a Settlement Bank

Case 2: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of a Technical Account

Case 3: FirstAgent = BIC of a Technical Account, FinalAgent = BIC of a Settlement Bank

Option : The AS participants (BIC, name, account number) which are credited or debited in the SSS may be indicated in the elements "Creditor" and "Debtor". The "Debtor" elements will be mapped to field 72 of the MT900.

The "Creditor" elements will be mapped to field 72 of the MT910.

The contents of field "Ustrd" will be mapped to field 72 of the MT900/910.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>12345678.90</CtrlSum>
NumberOfTransactions	<NbOfTx>1</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<StlmMdlTp>2000</StlmMdlTp>
ScheduledTime	<SchldTm>
InformationPeriodType	<InfPrdTp>INFO</InfPrdTp>
FromTime	<FrTm>12:00:00</FrTm>
EndScheduledTime	</SchldTm>
SettlementPeriodType	<StlmPrdTp>
Duration	<TmPrd>00:30:00</TmPrd>
EndSettlementPeriodType	</StlmPrdTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCILU2LXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
Debtor	<Dbtr>
Name of the account. An additional identification	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>AAAAGRPPXXX</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
DebtorAccount	<DbtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndDebtorAccount	</DbtrAcct>
First Agent	<FrstAgt>
BIC	<BIC>BBBBGRAAXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>

EndToEndIdentification					<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification					</PmtId>
Amount					<Amt>
InstructedAmount					<InstAmt>12345678.90</InstAmt>
End of Amount					</Amt>
Final Agent					<FnlAgt>
BIC					<BIC>ANCILU2LTEC</BIC>
End of Final Agent					</FnlAgt>
RemittanceInformation					<RmtInf>
Unstructured					<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation					</RmtInf>
End of Information payment transaction.					</PmtTx>
EndPaymentInformation					</PmtInf>
End of SSP Proprietary Data					</SspPrtryDt>
End of Proprietary Data					</PrtryDt>
End Message Type					</pain.998.001.01>

ASTransferInitiation_3

Scope: This message is sent by the AS or the CB on its behalf to debit / credit a collection of transactions in the framework of Models 3, 4 and 5,

-----Addressing validations rules-----

Sender= BIC of the AS or BIC of the CB on behalf of the AS

Case 1: FirstAgent= BIC of a Settlement Bank, FinalAgent =BIC of a Technical Account

Case 2: FirstAgent= BIC of a Technical Account, FinalAgent = BIC of a Settlement Bank

Case 3: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of a Settlement Bank (Model 3 only)

Option : The AS participants (BIC, name, account number) which are credited or debited in the SSS may be indicated in the elements "Creditor" and "Debtor". The "Debtor" elements will be mapped to field 72 of the MT900.

The "Creditor" elements will be mapped to field 72 of the MT910.

The contents of field "Ustrd" will be mapped to field 72 of the MT900/910.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>1000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>2</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>4000</SttlmMdlTp>
ScheduledTime	<SchlddTm>
InformationPeriodType	<InfPrdTp>AGRE</InfPrdTp>
FromTime	<FrTm>12:00:00</FrTm>
EndScheduledTime	</SchlddTm>
SettlementPeriodType	<SttlmPrdTp>
Duration	<TmPrd>00:30:00</TmPrd>
EndSettlementPeriodType	</SttlmPrdTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCILU2LXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>

Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>KREDDEFFXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_3b

Scope: This message is sent with model 3 by the CB on behalf of an AS integrated model to debit/credit a Settlement Bank against a Mirror Account.

-----Addressing validations rules-----

Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent= BIC of a Settlement Bank, FinalAgent =BIC of a Technical Account (or mirror account)

Case 2: FirstAgent= BIC of a Technical Account (mirror account), FinalAgent = BIC of a Settlement Bank

Case 3: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of a Settlement Bank (Model 2 or Model 3)

Option : The AS participants (BIC, name, account number) which are credited or debited in the SSS may be indicated in the elements "Creditor" and "Debtor". The "Debtor" elements will be mapped to field 72 of the MT900.

The "Creditor" elements will be mapped to field 72 of the MT910.

The contents of field "Ustrd" will be mapped to field 72 of the MT900/910.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>1000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>2</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>3000</SttlmMdlTp>
ScheduledTime	<SchldTm>
InformationPeriodType	<InfPrdTp>AGRE</InfPrdTp>
FromTime	<FrTm>12:00:00</FrTm>
EndScheduledTime	</SchldTm>
SettlementPeriodType	<SttlmPrdTp>
Duration	<TmPrd>00:30:00</TmPrd>
EndSettlementPeriodType	</SttlmPrdTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCILU2LXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>ANCILU2LMIR</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>

Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>KREDDEFFXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>ANCILU2LMIR</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_3c

Scope: This message is sent with model 4 by the AS (or the CB on behalf) to debit/credit a Settlement Bank against a Technical Account.

-----Addressing validations rules-----

Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent= BIC of a Settlement Bank, FinalAgent =BIC of a Technical Account

Case 2: FirstAgent= BIC of a Technical Account , FinalAgent = BIC of a Settlement Bank

Option : The AS participants (BIC, name, account number) which are credited or debited in the SSS may be indicated in the elements "Creditor" and "Debtor". The "Debtor" elements will be mapped to field 72 of the MT900.

The "Creditor" elements will be mapped to field 72 of the MT910.

The contents of field "Ustrd" will be mapped to field 72 of the MT900/910.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<GrpId>ABC1234</GrpId>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>2000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>3</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>4000</SttlmMdlTp>
ScheduledTime	<SchdldTm>
InformationPeriodType	<InfPrdTp>AGRE</InfPrdTp>
FromTime	<FrTm>12:00:00</FrTm>
EndScheduledTime	</SchdldTm>
SettlementPeriodType	<SttlmPrdTp>
Duration	<TmPrd>00:30:00</TmPrd>
EndSettlementPeriodType	</SttlmPrdTp>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End of Final Agent	</FnAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>

First Agent	<FrstAgt>
BIC	<BIC>ANCILU2L TEC</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>KREDDEFFXXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>DEBTLU2L123</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>1A2B3C</InstrId>
EndToEndIdentification	<EndToEndId>3C2B1A</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>1000.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>ANCILU2L TEC</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_3d

Scope: This message is sent with model 5 by the CB on behalf of the AS to debit/credit a Settlement Bank against a Technical Account.
The schedule time and the settlement period time are both expressed in duration (time period)

-----Addressing validations rules-----

Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent= BIC of a Settlement Bank, FinalAgent =BIC of a Technical Account

Case 2: FirstAgent= BIC of a Technical Account , FinalAgent = BIC of a Settlement Bank

Option : The AS participants (BIC, name, account number) which are credited or debited in the SSS may be indicated in the elements "Creditor" and "Debtor". The "Debtor" elements will be mapped to field 72 of the MT900.

The "Creditor" elements will be mapped to field 72 of the MT910.

The contents of field "Ustrd" will be mapped to field 72 of the MT900/910.

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>2000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>3</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>5000</SttlmMdlTp>
ScheduledTime	<SchlddTm>
InformationPeriodType	<InfPrdTp>AGRE</InfPrdTp>
Duration	<TmPrd>00:30:00</TmPrd>
EndScheduledTime	</SchlddTm>
SettlementPeriodType	<SttlmPrdTp>
Duration	<Tmprd>00:30:00</Tmprd>
EndSettlementPeriodType	</SttlmPrdTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCILU2LXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>

Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>KREDEFFXXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
First Agent	<FrstAgt>
BIC	<BIC>DEBTLU2L123</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>1A2B3C</InstrId>
EndToEndIdentification	<EndToEndId>3C2B1A</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>1000.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_4

Scope: This sample of message is sent by the AS, the CB on ist behalf or a CB (in the case of connected payments) in the framework of Model 6.

-----Addressing validations rules-----

For Model 6, the Payment scheme code is a criterion for the addressing validation rules.
All the payments contained in the file must have the same Payment scheme code.

*If code = SET (Settlement)

.Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent = BIC of a Settlement Bank, DomesticAccount = Sub-account, FinalAgent = BIC of a Technical Account

Case 2: FirstAgent = BIC of a Technical Account, FinalAgent = BIC of a Settlement Bank, DomesticAccount = Sub-account or empty (for Main Account)

*If code = CUO (Current Order)

.Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of the mirror Account

Case 2: FirstAgent = BIC of the mirror Account, FinalAgent = BIC of a Settlement Bank

Case 3: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of the Settlement Bank, DomesticAccount = Sub-account

Case 4: FirstAgent = BIC of a Settlement Bank, DomesticAccount = Sub-account, FinalAgent = BIC of the Settlement Bank

*If code = CSP (Connected payments on SSP accounts)

.Sender = DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent = BIC of a Settlement Bank(with same Home CB as the AS), FinalAgent = BIC of the Settlement Bank, DomesticAccount = Sub-account

.Sender = DN of the CB on behalf of the AS

Case 2: FirstAgent = BIC of a Settlement Bank, DomesticAccount = Sub-account, FinalAgent = BIC of the Settlement Bank (with same Home CB as the AS)

.Sender = DN of the CB

*If code = CHA (Increase/decrease of liquidity with credit lines managed in proprietary home account) or REP (Increase/decrease of blocked liquidity by auto-collateralisation for repo countries)

.Sender = DN of the AS

Case 1: FirstAgent = BIC of the main CB account (home CB of the AS) FinalAgent = BIC of the Settlement Bank (with same Home CB as the AS), DomesticAccount = Sub-account

.Sender = DN of the CB (Home CB of the AS)

Case2: FirstAgent = BIC of a Settlement Bank (with same Home CB as the AS), DomesticAccount = Sub-account FinalAgent = BIC of the CB Main account

Case 3: FirstAgent = BIC of the CB main account FinalAgent = BIC of the Settlement Bank (with same Home CB as the AS), DomesticAccount = Sub-account

*If code = COL (Debit (credit) auto-collateral Mirror account)

.Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent = BIC of the Auto-collateral mirror account (with same Home CB as the AS), FinalAgent = BIC of the Settlement Bank (with same Home CB as the AS), DomesticAccount= Sub-account

.Sender = DN of the CB on behalf of the AS

Case 2: FirstAgent = BIC of the Settlement Bank (with same Home CB as the AS), DomesticAccount = Sub-account, FinalAgent = BIC of the Auto-collateral mirror account (with same Home CB as the AS)

*If code = STR (Increase of liquidity by specific transactions)

.Sender = DN of the AS or DN of the CB on behalf of the AS

FirstAgent = BIC of the Technical Account, FinalAgent = BIC of the Settlement Bank, DomesticAccount = Sub-account or empty (for Main Account)

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-01-01T11:30:00</CreDtTm>
ControlSum	<CtrlSum>12345678.90</CtrlSum>
NumberOfTransactions	<NbOfTx>1</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>6000</SttlmMdlTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCIATWWXXX</BIC>

End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>
CreditTransferTypeldentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrtY>
PaymentScheme	<PmtSchme>
Code	<Cd>CSP</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrtY>
EndCreditTransferTypeldentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>BANKATWWXXX</BIC>
End First Agent	</FrstAgt>
FirstAgentAccount	<FrstAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>AT12345SUBACC01</Id>
End of simple Identification Information	</DmstAcct>
EndFirstAgentAccount	</FrstAgtAcct>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>12345678.90</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>BANKATWWXXX</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_4b

Scope: This message is sent by the AS or the CB on its behalf to debit / credit a collection of transactions in the framework of Model 6 (Settlement)

-----Addressing validations rules-----

Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent= BIC of a Settlement Bank, Domestic account = sub-account , FinalAgent =BIC of a Technical Account

Case 2: FirstAgent= BIC of a Technical Account, FinalAgent = BIC of a Settlement Bank, Domestic account = Sub-account of the Settlement Bank or empty (for Main account)

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<GrpId>ABC1234</GrpId>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>1000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>2</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<StlmMdlTp>6000</StlmMdlTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCILU2LXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<StlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>SET</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</StlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>STBKLU2L123</BIC>
End First Agent	</FrstAgt>
FirstAgentAccount	<FrstAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>LU12345AB01</Id>
End of simple Identification Information	</DmstAcct>
EndFirstAgentAccount	</FrstAgtAcct>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnAgt>

BIC	<BIC>ANCIFRPPTec</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>SET</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>ANCIFRPPTec</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>CREDLU2L987</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>CRED12345AB01</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_4c

Scope: This message is sent by the AS or the CB on its behalf to debit / credit the RGS account of a Settlement Bank against one of its sub-accounts (interfaced model) or against the mirror account (integrated model)

-----Addressing validations rules-----

Sender= DN of the AS or DN of the CB on behalf of the AS

Case 1: FirstAgent= BIC of a Settlement Bank, FinalAgent = BIC and sub-account of this Settlement Bank

Case 2: FirstAgent= BIC and sub-account of a Settlement Bank, FinalAgent = BIC of the Settlement Bank

Case 3: FirstAgent = BIC of a Settlement Bank, FinalAgent = BIC of the mirror account

Case 4: FirstAgent = BIC of the mirror account, FinalAgent = BIC of the Settlement Bank

Message Type	<pain.998.001.01>		
Proprietary Data	<PrtryDt>		
Proprietary Data type	<Tp>ASTransferInitiation</Tp>		
SSP Proprietary Data	<SspPrtryDt>		
GroupHeader	<GrpHdr>		
GroupIdentification	<Grpld>ABC1234</Grpld>		
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>		
ControlSum	<CtrlSum>1000.00</CtrlSum>		
NumberOfTransactions	<NbOfTx>2</NbOfTx>		
Priority	<Prty>HIGH</Prty>		
SettlementModelType	<SttlmMdlTp>6000</SttlmMdlTp>		
InitiatingParty	<InitgPty>		
Financial institution	<FI>		
BIC	<BIC>ANCILU2LXXX</BIC>		
End of financial institution	</FI>		
EndInitiatingParty	</InitgPty>		
EndGroupHeader	</GrpHdr>		
PaymentInformation	<PmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>		
CreditTransferTypeIdentification	<CdtTrfTpId>		
SettlementPriorityChoice	<SttlmPrty>		
PaymentScheme	<PmtSchme>		
Code	<Cd>CUO</Cd>		
EndPaymentScheme	</PmtSchme>		
EndSettlementPriorityChoice	</SttlmPrty>		
EndCreditTransferTypeIdentification	</CdtTrfTpId>		
First Agent	<FrstAgt>		
BIC	<BIC>STBKLU2L123</BIC>		
End First Agent	</FrstAgt>		
FirstAgentAccount	<FrstAgtAcct>		
Simple Identification Information	<DmstAcct>		
Identification	<Id>LU12345AB01</Id>		
End of simple Identification Information	</DmstAcct>		
EndFirstAgentAccount	</FrstAgtAcct>		
Information payment transaction.	<PmtTx>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>ABC1234</InstrId>		
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>		
EndPaymentIdentification	</PmtId>		
Amount	<Amt>		
InstructedAmount	<InstAmt>500.00</InstAmt>		
End of Amount	</Amt>		
Final Agent	<FnlAgt>		
BIC	<BIC>STBKLU2L123</BIC>		

End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeldentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>CUO</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeldentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>CREDLU2L987</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>CREDLU2L987</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>CRED12345AB01</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_4e

Scope: This message sent by an AS or the CB on its behalf contents specific transactions to debit the Technical account and credit the sub-account or the Main account of a settlement bank.

-----Addressing validations rules-----

Sender= DN of the AS or DN of the CB on behalf of the AS

FirstAgent = BIC of the Technical Account FinalAgent = BIC of the Settlement Bank, DomesticAccount = Sub-Account or empty (for Main Account)

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<GrpId>ABC1234</GrpId>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>1000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>2</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>6000</SttlmMdlTp>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>STR</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>STBKLU2L123</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>

Code	<Cd>STR</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>ANCILU2LTEC</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>STBKLU2L123</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>STBK12345AB01</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_4f

Scope: This message is sent by the CB or the AS on its behalf to execute an automatic increase of liquidity with credit lines managed in proprietary home account, from a BIC RTGS account of a CB to the sub-account of a Settlement Bank during a cycle .
The same structure of message with the Payment scheme code "REP" will be used for repo countries to increase liquidity on SSS cash accounts during a cycle.

-----Addressing validations rules-----

Sender= DN of the CB or DN of the AS on behalf of the CB

FirstAgent= BIC of the CB FinalAgent = BIC and sub-account of a Settlement Bank (with same Home CB as the AS)

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<GrpId>ABC1234</GrpId>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>1000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>2</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<StlmMdlTp>6000</StlmMdlTp>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<StlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>CHA</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</StlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>CBCBLU2LXXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>STBKLU2L123</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>STBK123456ABC</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>

End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeldentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>CHA</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeldentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>CBCBLU2LXXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>STBKLU2L456</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>LU45645AB01</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferInitiation_4g

Scope: This message is sent by the AS or the CB on its behalf to execute a set of mandated payments debiting a specific auto-collateral mirror account against the settlement dedicated sub-accounts.

-----Addressing validations rules-----

Sender= DN of the AS or of the CB on behalf of the AS

FirstAgent= BIC of auto-collateral mirror account (with same Home CB as the AS), FinalAgent = BIC and sub-account of a Settlement Bank (with same Home CB as the AS)

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-07-01T11:25:00</CreDtTm>
ControlSum	<CtrlSum>1000.00</CtrlSum>
NumberOfTransactions	<NbOfTx>2</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>6000</SttlmMdlTp>
InitiatingParty	<InitgPty>
Financial institution	<FI>
BIC	<BIC>ANCILU2LXXX</BIC>
End of financial institution	</FI>
EndInitiatingParty	</InitgPty>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>COL</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>CMIRLU2LXXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>STBKLU2L123</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>STBK123456ABC</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>

RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-07-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>COL</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
First Agent	<FrstAgt>
BIC	<BIC>CMIRLU2LXXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>XYZ9876</InstrId>
EndToEndIdentification	<EndToEndId>ZYX9876</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>500.00</InstAmt>
End of Amount	</Amt>
Final Agent	<FnIAgt>
BIC	<BIC>STBKLU2L456</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>LU45645AB01</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

6. 6. 3 ASTransferNotice

SSP Proprietary Messages

ASTransferNotice

Scope: The message is sent by the ASI to the AS in model 1 or 6 to notice the incoming liquidity on the mirror account
-from a MT202 sent by a Settlement Bank or
-after execution of Standing orders or
-after liquidity adjustment by settlement bank via ICM

The ASTransferNotice is used as single as it contains only the data relative one transfer to the mirror account by a Settlement Bank.

- ☐ The mirror account of the AS is specified in the FinalAgent
- ☐ The beneficiary in the SSS is specified as the Creditor

<pain.998.001.xx>

Structure:

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferNotice</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<Grpld>ABC1234</Grpld>
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>
ControlSum	<CtrlSum>12345678.90</CtrlSum>
NumberOfTransactions	<NbOfTx>1</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>1000</SttlmMdlTp>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>
CreditTransferTypeIdentification	<CdtTrfTpId>
SettlementPriorityChoice	<SttlmPrty>
PaymentScheme	<PmtSchme>
Code	<Cd>CUO</Cd>
EndPaymentScheme	</PmtSchme>
EndSettlementPriorityChoice	</SttlmPrty>
EndCreditTransferTypeIdentification	</CdtTrfTpId>
Debtor	<Dbtr>
Name of the account. An additional identification	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>BANKFRPPXXX</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
DebtorAccount	<DbtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndDebtorAccount	</DbtrAcct>
First Agent	<FrstAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End First Agent	</FrstAgt>
FirstAgentAccount	<FrstAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>

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End of simple Identification Information	</DmstAcct>
EndFirstAgentAccount	</FrstAgtAcct>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>12345678.90</InstAmt>
End of Amount	</Amt>
Creditor	<Cdtr>
Name	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>BANKFRPPXXX</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final agent	<FnIAgt>
BIC	<BIC>ANCIFRPPMIR</BIC>
End of Final Agent	</FnIAgt>
FinalAgentAccount	<FnIAgtAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndFinalAgentAccount	</FnIAgtAcct>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

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Attributes:

name of attribute	format	short description	description
<pain.998.001.01>		Message Type	SSP proprietary message for Ancillary system interface
		Mandatory	Validation: [1..1]
<PrtryDt>		Proprietary Data	
		Mandatory	Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type
		Mandatory	Validation: [1..1]always "ASTransferNotice"
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
<GrpHdr>		GroupHeader	
		Mandatory	Validation: [1..1]
<Grpld>-</Grpld>	Max35Text	GroupIdentification	Reference assigned by the sender to identify the group of individual transfers being sent =Reference assigned by the ASI to identify the notice being sent
		Mandatory	Validation: [1..1]
<CreDtTm>-</CreDtTm>	ISODatetime	CreationDateTime	Date and time at which the credit transfer initiation was created by the initiating party =Date and time at which the transaction was executed by the PM
		Mandatory	Validation: [1..1]
<CtrlSum>-</CtrlSum>	DecimalNumber	ControlSum	Total of all the individual instructed amounts =Amount indicated in "PaymentTransaction"
		Optional	Validation: [0..1]
<NbOfTx>-</NbOfTx>	Max15NumericText	NumberOfTransactions	Number of individual transactions contained in the payment initiation, ie the number of occurrences of PaymentTransaction = "1"
		Optional	Validation: [0..1]
<Prty>-</Prty>	Max4Text	Priority	Priority of all the payments at Group level = "HIGH"
		Optional	Validation: [0..1]
<StlmMdlTp>-</StlmMdlTp>		SettlementModelType	Specifies the generic settlement Procedure 1000 = Procedure 1 (Liquidity transfer) 2000 = Procedure 2 (Real time settlement) 3000 = Procedure 3 (Bilateral settlement) 4000 = Procedure 4 (Standard multilateral settlement) 5000 = Procedure 5 (Simultaneous multilateral settlement) 6000 = Procedure 6 (Settlement on dedicated liquidity) Filled with "1000" or "6000"

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
</GrpHdr>		EndGroupHeader	
		Mandatory	Validation: [1..1]
<PmtInf>		PaymentInformation	Set of characteristics that applies to the debit side of the payment transactions
		Mandatory	Validation: [1..n]
<ReqdExctnDt>- </ReqdExctnDt>	ISODate	RequestExecutionDate	Date at which the initiating party requests that the payment instruction be processed (=settlement date) =Business date at which the credit transfer or standing order was executed by the PM
		Mandatory	Validation: [1..1]
<CdtTrfTpId>		CreditTransferTypeIdentification	Set of elements that further identifies the type of credit transfer requested
		Optional	Validation: [0..1]
<SttlmPrty>		SettlementPriorityChoice	Priority or specific payment
		Mandatory	Validation: [1..1]
<PmtSchme>		PaymentScheme	Specific rulebook governing the rules of settlement =Payment scheme code in case of Model 6
		Mandatory	Validation: [1..1]
<Cd>-</Cd>	Max3Alphan umericTxt	Code	"CUO" = Model 6 Current Order Current order sent either by an AS on behalf of a Settlement Bank "CSP" = Model 6 Connected SSP Automatic increase/decrease of liquidity by connected payments on SSP account "CHA" = Model 6 Connected Home Account Automatic increase/decrease of liquidity with credit lines managed in proprietary home account "COL" = Model 6 Auto-Collateral File of mandated payments to debit (credit) AS Auto collateral mirror account and credit (debit) sub-accounts of Settlement Banks "REP" = Model 6 Auto-collateral for Repo countries Automatic increase/decrease of blocked liquidity by auto-collateralisation for repo countries "REP" = Model 1 to 5 REPO operations "STR" = Model 6 Specific Transactions Increase of dedicated liquidity triggered by specific transactions "SET" = Model 6 Settlement Settlement "SOR" = Model 6 Standing Order Code used only in ASTransferNotice to notify to the AS the funds booked on the mirror account after standing order execution

name of attribute	format	short description	description
		Mandatory	Empty in case of Model 1 "SOR" to notify the StandinOrder execution Validation: [1..1]
</PmtSchme>		EndPaymentScheme Mandatory	Validation: [1..1]
</SttlmPrty>		EndSettlementPriorityChoice Mandatory	Validation: [1..1]
</CdtTrfTpId>		EndCreditTransferTypeIdentification Optional	Validation: [0..1]
<Dbtr>		Debtor Optional	Information about the debtor of a payment. =ordering institution Validation: [0..1]
<Nm>-</Nm>	70x	Name of the account. An additional identification Optional	Name of the debtor =Name of the ordering institution if it is filled in the field 52D of the MT202 It will be truncated to the first 70 characters Validation: [0..1]
<FI>		Financial institution Optional	Financial institution Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC =BIC of the ordering institution if it is filled in the field 52A of the MT202 or the standing order Validation: [1..1]
</FI>		End of financial institution Optional	End of financial institution Validation: [0..1]
</Dbtr>		End of debtor Optional	Validation: [0..1]
<DbtrAcct>		DebtorAccount Optional	Validation: [0..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	Identification of an entity Account number if it is filled in the field 52A of the MT202 Validation:

name of attribute	format	short description	description
[1..1]			
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</DbtrAcct>		EndDebtorAccount Optional	Validation: [0..1]
<FrstAgt>		First Agent Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC =BIC of the Settlement Bank Validation: [1..1]
</FrstAgt>		End First Agent Mandatory	End First Agent Validation: [1..1]
<FrstAgtAcct>		FirstAgentAccount Optional	Not Used Validation: [0..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	Identification of an entity Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</FrstAgtAcct>		EndFirstAgentAccount Optional	Validation: [0..1]
<PmtTx>		Information payment transaction. Mandatory	Payment processes required to transfer cash from the debtor to the creditor. =Notice of Payment executed from the debtor(Settlement Bank) to the creditor (Mirror account) Validation: [1..1]
<PmtId>		PaymentIdentification Mandatory	Set of elements to provide further means of referencing a payment transaction Validation: [1..1]
<InstrId>-</InstrId>	Max16Text	InstructionIdentification	Unique and unambiguous identifier for a payment instruction assigned by the initiating party Filled with the Transaction Reference Number (Field 20

name of attribute	format	short description	description	
		Mandatory	of the MT202) or MessageIdentification from SBTransferInitiation or same identification than EndToEndIdentification for Standing orders Validation: [1..1]	
<EndToEndId>-</EndToEndId>	Max16Text	EndToEndIdentification Mandatory	Unique and unambiguous identification of a payment transaction, as assigned by any of the parties on the initiating side, that will be passed on throughout the entire end-to-end chain Filled with the Related Reference (Field 21 of the MT202) or EndToEndIdentification from SBTransferInitiation or assigned by the ASI to each Standing order Validation: [1..1]	
</PmtId>		EndPaymentIdentification Mandatory	End of Set of elements to reference a payment transaction Validation: [1..1]	
<Amt>		Amount Mandatory	Validation: [1..1]	
<InstAmt>-</InstAmt>	18d	InstructedAmount Mandatory	Amount of money to be transferred between debtor and creditor expressed in Euros Filled with the amount of Field 32A of the MT202, or Amount of the Standing order (eventually reduced by the ASI in a pro-rata mode), or Copied from SBTransferInitiation Validation: [1..1]	
</Amt>		End of Amount Mandatory	End of Amount Validation: [1..1]	
<Cdtr>		Creditor Optional	Party that receives an amount of money from the debtor Validation: [0..1]	
<Nm>-</Nm>	70x	Name Optional	If used, name of the beneficiary if it is filled in the field 58D of the MT202 It will be truncated to the first 70 characters Validation: [0..1]	M
<FI>		Financial institution Optional	Financial institution Validation: [0..1]	M
<BIC>-</BIC>	11x	BIC Mandatory	BIC Filled with the BIC of the beneficiary in the SSS (Field 58A of MT202 or Standing order) or BIC creditor in SBTransferInitiation Validation: [1..1]	
</FI>		End of financial institution Optional	End of financial institution Validation:	M

name of attribute	format	short description	description
[0..1]			
</Cdtr>		End of Creditor Optional	Validation: [0..1]
<CdtrAcct>		CreditorAccount Optional	Validation: [0..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	Identification of an entity Filled with the Account number if it is filled : account in the SBTransferInitiation, or in fiel 58A of standing order, or in Field 58A of MT202. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</CdtrAcct>		EndCreditorAccount Optional	Validation: [0..1]
<FnIAgt>		Final agent Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC Filled with the BIC of the mirror account (Field 57A of the MT202) Validation: [1..1]
</FnIAgt>		End of Final Agent Mandatory	End of Final Agent Validation: [1..1]
<FnIAgtAcct>		FinalAgentAccount Optional	Not used Validation: [0..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	Identification of an entity Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation:

name of attribute	format	short description	description
[1..1]			
</FnIAgtAcct>		EndFinalAgentAccount	
		Optional	Validation: [0..1]
<RmtInf>		RemittanceInformation	
		Optional	Validation: [0..1]
<Ustrd>-</Ustrd>	Max140Text	Unstructured	Copy of the optional information in the original operation introduced by the codeword /ASINF/ in the field 72 of the MT202 Copy of field 72 of Standing orders Copy of field RemittanceInformation of SBTransferInitiation
		Mandatory	Validation: [1..1]
</RmtInf>		EndRemittanceInformation	
		Optional	Validation: [0..1]
</PmtTx>		End of Information payment transaction.	
		Mandatory	Validation: [1..1]
</PmtInf>		EndPaymentInformation	
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryDt>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</pain.998.001.01>		End Message Type	
		Mandatory	Validation: [1..1]

Error Codes:

ASTransferNotice_1

Scope: ASTransferNotice sent by the ASI to the AS (model 1)

The ASTransferNotice is sent by the ASI to the AS (Integrated Model) to notice the incoming liquidity on the mirror account from a MT202 sent by a Settlement Bank

The ASTransferNotice is used as single as it contains only the data relative one transfer to the mirror account by a Settlement Bank.

The ordering institution (in field 52A) is filled in Debtor. The sender of MT202 is the FirstAgent.

☐ The mirror account of the AS is specified in the FinalAgent

☐ The beneficiary in the SSS is specified as the Creditor

Message Type	<pain.998.001.01>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ASTransferNotice</Tp>
SSP Proprietary Data	<SspPrtryDt>
GroupHeader	<GrpHdr>
GroupIdentification	<GrpId>ABC1234</GrpId>
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>
ControlSum	<CtrlSum>12345678.90</CtrlSum>
NumberOfTransactions	<NbOfTx>1</NbOfTx>
Priority	<Prty>HIGH</Prty>
SettlementModelType	<SttlmMdlTp>1000</SttlmMdlTp>
EndGroupHeader	</GrpHdr>
PaymentInformation	<PmtInf>
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>
Debtor	<Dbtr>
Name of the account. An additional identification	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>BANKFRPPXXX</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
DebtorAccount	<DbtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndDebtorAccount	</DbtrAcct>
First Agent	<FrstAgt>
BIC	<BIC>CREDFRPPXXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
InstructionIdentification	<InstrId>ABC1234</InstrId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>12345678.90</InstAmt>
End of Amount	</Amt>
Creditor	<Cdtr>
Name	<Nm>ABC1234</Nm>
Financial institution	<FI>
BIC	<BIC>BANKFRPPXXX</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>

Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final agent	<FnIAgt>
BIC	<BIC>ANCIFRPPMIR</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferNotice_2

Scope: ASTransferNotice sent by the ASI to the AS (Model 6, Integrated Model) to notice the incoming liquidity on the mirror account after execution of Standing orders.

Rules:

Debtor : Ordering institution (Field 52)

FirstAgent : Settlement Bank which is debited in the SSP

FinalAgent : BIC_receiver (mirror account) of standing order

Creditor : Final beneficiary to be credited on the SSS (Field 58)

Creditor domestic account : SSS account number which will receive the liquidity (Field 58_account)

Remittance information : Copy of field 72 of standing order

Message Type	<pain.998.001.01>		
Proprietary Data	<PrtryDt>		
Proprietary Data type	<Tp>ASTransferNotice</Tp>		
SSP Proprietary Data	<SspPrtryDt>		
GroupHeader	<GrpHdr>		
GroupIdentification	<Grpld>ABC1234</Grpld>		
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>		
ControlSum	<CtrlSum>12345678.90</CtrlSum>		
NumberOfTransactions	<NbOfTx>1</NbOfTx>		
Priority	<Prty>HIGH</Prty>		
SettlementModelType	<StlmMdlTp>6000</StlmMdlTp>		
EndGroupHeader	</GrpHdr>		
PaymentInformation	<PmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
CreditTransferTypeIdentification	<CdtTrfTpId>		
SettlementPriorityChoice	<StlmPrty>		
PaymentScheme	<PmtSchme>		
Code	<Cd>SOR</Cd>		
EndPaymentScheme	</PmtSchme>		
EndSettlementPriorityChoice	</StlmPrty>		
EndCreditTransferTypeIdentification	</CdtTrfTpId>		
Debtor	<Dbtr>		
Financial institution	<FI>		
BIC	<BIC>AAAACDDXXX</BIC>		
End of financial institution	</FI>		
End of debtor	</Dbtr>		
First Agent	<FrstAgt>		
BIC	<BIC>BANKFRPPXXX</BIC>		
End First Agent	</FrstAgt>		
Information payment transaction.	<PmtTx>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>ABC1234</InstrId>		
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>		
EndPaymentIdentification	</PmtId>		
Amount	<Amt>		
InstructedAmount	<InstAmt>12345678.90</InstAmt>		
End of Amount	</Amt>		
Creditor	<Cdtr>		
Financial institution	<FI>		
BIC	<BIC>CREDFRPPXXX</BIC>		
End of financial institution	</FI>		
End of Creditor	</Cdtr>		
CreditorAccount	<CdtrAcct>		
Simple Identification Information	<DmstAcct>		

Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final agent	<FnlAgt>
BIC	<BIC>ANCIFRPPMIR</BIC>
End of Final Agent	</FnlAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

ASTransferNotice_3

Scope: ASTransferNotice sent by the ASI to the AS (model 6) after liquidity adjustment by settlement bank via ICM

The ASTransferNotice is sent by the ASI to the AS (Integrated Model) to notice the incoming liquidity on the mirror account from a current order sent by a Settlement Bank via ICM with an XML SBTransferInitiation or by an ICM screen.

Message Type	<pain.998.001.01>		
Proprietary Data	<PrtryDt>		
Proprietary Data type	<Tp>ASTransferNotice</Tp>		
SSP Proprietary Data	<SspPrtryDt>		
GroupHeader	<GrpHdr>		
GroupIdentification	<Grpld>ABC1234</Grpld>		
CreationDateTime	<CreDtTm>2007-01-01T12:00:00</CreDtTm>		
ControlSum	<CtrlSum>12345678.90</CtrlSum>		
NumberOfTransactions	<NbOfTx>1</NbOfTx>		
Priority	<Prty>HIGH</Prty>		
SettlementModelType	<SttlmMdlTp>6000</SttlmMdlTp>		
EndGroupHeader	</GrpHdr>		
PaymentInformation	<PmtInf>		
RequestExecutionDate	<ReqdExctnDt>2007-01-01</ReqdExctnDt>		
CreditTransferTypeIdentification	<CdtTrfTpId>		
SettlementPriorityChoice	<SttlmPrty>		
PaymentScheme	<PmtSchme>		
Code	<Cd>CUO</Cd>		
EndPaymentScheme	</PmtSchme>		
EndSettlementPriorityChoice	</SttlmPrty>		
EndCreditTransferTypeIdentification	</CdtTrfTpId>		
Debtor	<Dbtr>		
Financial institution	<FI>		
BIC	<BIC>AAAACDDXXX</BIC>		
End of financial institution	</FI>		
End of debtor	</Dbtr>		
First Agent	<FrstAgt>		
BIC	<BIC>BANKFRPPXXX</BIC>		
End First Agent	</FrstAgt>		
Information payment transaction.	<PmtTx>		
PaymentIdentification	<PmtId>		
InstructionIdentification	<InstrId>ABC1234</InstrId>		
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>		
EndPaymentIdentification	</PmtId>		
Amount	<Amt>		
InstructedAmount	<InstAmt>12345678.90</InstAmt>		
End of Amount	</Amt>		
Creditor	<Cdtr>		
Financial institution	<FI>		
BIC	<BIC>CREDFRPPXXX</BIC>		
End of financial institution	</FI>		
End of Creditor	</Cdtr>		
CreditorAccount	<CdtrAcct>		
Simple Identification Information	<DmstAcct>		
Identification	<Id>ABC1234</Id>		
End of simple Identification Information	</DmstAcct>		
EndCreditorAccount	</CdtrAcct>		
Final agent	<FnlAgt>		

BIC	<BIC>ANCIFRPPMIR</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>
EndPaymentInformation	</PmtInf>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</pain.998.001.01>

6. 6. 4 Receipt_ASI

Cash Management Standard

Receipt_ASI

M

Scope: The Receipt is a Standard Cash Management message (in push mode) that can be
- sent by the ASI to the AS after reception of erroneous ReturnGeneralBusinessInformation or erroneous Receipt (for decision to use Guarantee mechanism)
- sent by GARI to the AS when an AS message is not compliant with the SchemaFile

<camt.025.001.xx>

Structure:

Message name for Receipt	<camt.025.001.01>	
Message Identification	<MsgId>	
Message business identification	<Id>ABCD1234</Id>	M
End Message Identification	</MsgId>	
Additional Reference	<RltdRef>	
Reference	<Ref>ABCD</Ref>	M
End of Additional Reference	</RltdRef>	
RequestHandling	<ReqHdlg>	
StatusCode	<StsCd>A033</StsCd>	M
Description	<Desc>Overnight Procedure Open</Desc>	
End of Request Handling	</ReqHdlg>	
End message name Receipt	</camt.025.001.01>	

Attributes:

name of attribute	format	short description	description	
<camt.025.001.01>		Message name for Receipt	Message name for Receipt	M
		Mandatory	Validation: [1..1]	
<MsgId>		Message Identification		
		Mandatory	Validation: [1..1]	
<Id>-</Id>	35x	Message business identification	Reference assigned by the sender (GARI or ASI) to unambiguously identify the Receipt message.	M
		Mandatory	Validation: [1..1]	
</MsgId>		End Message Identification		
		Mandatory	Validation: [1..1]	
<RltdRef>		Additional Reference	Additional Reference	
		Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	M
		Mandatory	Reference of the original message received by the SSP Validation: [1..1]	
</RltdRef>		End of Additional Reference	End of RelatedReference	
		Mandatory	Validation: [1..1]	
<ReqHdlg>		RequestHandling	Gives the status of the request.	
			StatusCode Description	
		Mandatory	Validation: [1..1]	
<StsCd>-</StsCd>	4!x	StatusCode	The code depends on which kind of order is followed by the Receipt: -Reception of erroneous message : The error will be indicated by the StatusCode (sent by GARI or ASI) GARI codes are : 1101 - an application header must be sent with each message 1102 - The payload must not be empty 1199 - Parser exception	M
		Mandatory	Validation: [1..1]	
<Desc>-</Desc>	140x	Description	- Describes the current state of the AS in Model 6, in case of response by ASI to an erroneous ReturnGeneralBusinessInformation - Describes the location and the reason of the error detected by GARI	
		Optional	Validation: [0..1]	
</ReqHdlg>		End of Request Handling	End of Request Handling	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
</camt.025.001.01>		End message name Receipt	
		Mandatory	Validation: [1..1]

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
					Error Text: D Validation: Remark:
					Error Text: D Validation: Remark:
					Error Text: D Validation: Remark:
1					Error Text: D Validation: Remark:
2					Error Text: D Validation: Remark:
3					Error Text: D Validation: Remark:
4					Error Text: D Validation: Remark:
5					Error Text: D Validation: Remark:

Scope:

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Scope: This sample of receipt is sent by the ASI to the AS upon reception of an erroneous ReturnGeneralBusinessInformation related to the control of the AS phases. In particular, the error can come from the fact that the phase requested is out of the sequence start of procedure -> (start of cycle -> end of cycle) 0 to n times -> end of procedure. The StatusCode mentions the associated error code and the Description indicates the current state of the AS phase (here: daylight procedure open)

Message name for Receipt	<camt.025.001.01>
Message Identification	<MsgId>
Message business identification	<Id>ABCD1234</Id>
End Message Identification	</MsgId>
Additional Reference	<RltdRef>
Reference	<Ref>ABCD</Ref>
End of Additional Reference	</RltdRef>
RequestHandling	<ReqHdlg>
StatusCode	<StsCd>A034</StsCd>
Description	<Desc>PROC DAYLIGHT: Open</Desc>
End of Request Handling	</ReqHdlg>
End message name Receipt	</camt.025.001.01>

Scope: This Receipt is sent by the ASI to reject the Receipt sent by the AS for a decision to use the Guarantee mechanism which is different from "YES" or "NO" (Error A032: Invalid StatusCode)

Message name for Receipt	<camt.025.001.01>
Message Identification	<MsgId>
Message business identification	<Id>123456789ACBD</Id>
End Message Identification	</MsgId>
Additional Reference	<RltdRef>
Reference	<Ref>RCPT20071031001</Ref>
End of Additional Reference	</RltdRef>
RequestHandling	<ReqHdlg>
StatusCode	<StsCd>A032</StsCd>
End of Request Handling	</ReqHdlg>
End message name Receipt	</camt.025.001.01>

Scope: This sample of receipt is sent by GARI to the AS upon reception of an AS message not compliant with the SchemaFile. The StatusCode mentions the associated error code and the Description indicates the location and reason of the detected error.

Message name for Receipt	<camt.025.001.01>
Message Identification	<MsgId>
Message business identification	<Id>8a8c81dc759e2ff00d3</Id>
End Message Identification	</MsgId>
Additional Reference	<RltdRef>
Reference	<Ref>NL070109</Ref>
End of Additional Reference	</RltdRef>
RequestHandling	<ReqHdlg>
StatusCode	<StsCd>1199</StsCd>
Description	<Desc>Error validating document: line: 23 column: 36 reason: "toto" does not satisfy boolean </Desc>
End of Request Handling	</ReqHdlg>
End message name Receipt	</camt.025.001.01>

6. 6. 5 Receipt_AS

Cash Management Standard

Receipt_AS

A

Scope: The Receipt is a Standard Cash Management message that can be sent by the AS (or by the CB on behalf) to the ASI (in pull mode) on Reception of ASInitiationStatus with the DecisionIndicator filled with "true" (possibility to use the Guarantee Mechanism). The StatusCode of the receipt will indicate the positive "YES" or negative "NO" decision.

<camt.025.001.xx>

Structure:

message name receipt	<Rct>
Message Identification	<MsgId>
Identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
Receipt details	<RctDtls>
Additional Reference	<RltdRef>
Duplicate Reference	<Ref>ABCD</Ref>
End of Additional Reference	</RltdRef>
RequestHandling	<ReqHdlg>
StatusCode	<StsCd>YES</StsCd>
Description	<Desc>ANCIFR2UXXX</Desc>
End of Request Handling	</ReqHdlg>
End of Receipt details	</RctDtls>
End message name Receipt	</Rct>

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Attributes:

name of attribute	format	short description	description	
<Rct>		message name receipt Mandatory A2A	Validation:	A
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	A
<Id>-</Id>	35x	Identification Mandatory A2A	Identification of an entity Validation: [1..1]	A
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]	A
<RctDtls>		Receipt details Mandatory A2A	Validation: *****[1..1] differs from the Cash Management Standard. Only the first occurrence of Receipt details will be used.	A
<RltdRef>	16x	Additional Reference Mandatory A2A	RelatedReference The related reference as stipulated in the payment instruction. Validation: [1..1]	A
<Ref>-</Ref>		Duplicate Reference Mandatory A2A	Validation: [1..1] GroupIdentification of the original message for which an ASInitiationStatus with DecisionIndicator is received by the AS	A
</RltdRef>		End of Additional Reference Mandatory A2A	End of Additional Reference Validation: [1..1]	A
<ReqHdlg>		RequestHandling Mandatory A2A	RequestHandling Gives the status of the request. StatusCode Description Validation: *****[1..1] differs from the Cash Management Standard. Element is mandatory for SSP.	A
<StsCd>-</StsCd>	4!x	StatusCode	Error Codes specified by ASI The code depends on which kind of order is followed by the Receipt: -Reception of ASInitiationStatus when the DecisionIndicator is filled with "True" to give the possibility to use the Guarantee Mechanism: The	A

name of attribute	format	short description	description	
		Mandatory A2A	<p>StatusCode of the receipt will indicate the decision - positive ("YES") or negative ("NO") - to use the Guarantee mechanism.</p> <p>Validation: [1..1]</p>	
<Desc>-</Desc>	140x	Description Optional	<p>If the sender is a CB or the OT, then this field must be filled with the BIC of the AS relative to the ASInitiationStatus received. If the sender is the AS then this field will be ignored.</p> <p>Validation: [0..1]</p>	A
</ReqHdlg>		End of Request Handling Mandatory A2A	<p>End of RequestHandling</p> <p>Validation: *****[1..1]</p>	A
</RctDtIs>		End of Receipt details Mandatory A2A	<p>Validation: *****[1..1]</p>	A
</Rct>		End message name Receipt Mandatory A2A	<p>Validation:</p>	A

Error Codes:

Order	Error code				Error Text / Validation/ Remark	
	SSP	Y-copy	V-shape	XML		
	A02			A002	Error Text: AS missing or not allowed in InitiatingParty / SubjectDetails Validation: The AS must be in the list delivered to ASI by Static data / If Description tag is filled, it must contain the BIC of the AS relative to the ASInitiationStatus received. Remark:	A
	A30			A030	Error Text: Code unknown Validation: The code must be "YES" or "NO" Remark:	A
	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: The request must be sent during the operating time of the ASI Remark:	A
1	A01			A001	Error Text: Sender not allowed Validation: The sending DN is not that of an AS Remark:	A
2	A20			A020	Error Text: Double payment identification Validation: The Reference assigned by the AS to unambiguously identify the Receipt message must be unique for a single AS and for a period of 5 business days Remark:	A
3	A31			A031	Error Text: Reference unknown Validation: The Reference tag must contain the GroupIdentification reference of the original message for which an ASInitiationStatus is received by the AS Remark:	A
4	A32			A032	Error Text: Invalid StatusCode Validation: The possible values are "YES" or "NO" Remark:	A
5	A02			A002	Error Text: AS missing or not allowed in InitiatingParty / SubjectDetails Validation: If the sender is a CB, then this field must be filled with the BIC of the AS relative to the ASInitiationStatus received Remark:	A

Scope: This sample of Receipt is sent by the AS to the ASI on reception of ASInitiationStatus with the DecisionIndicator filled with "True" (possibility to use the Guarantee Mechanism). The StatusCode is used by the AS to indicate whether it wants to have recourse to the guarantee mechanism. In this sample the value of StatusCode is "YES" which means that the AS wants to have recourse to the guarantee mechanism. Otherwise the AS should indicate "NO".

message name receipt	<Rct>
Message Identification	<MsgId>
Identification	<Id>ABCD1234</Id>
End Message Identification	</MsgId>
Receipt details	<RctDtIs>
Additional Reference	<RItdRef>
Duplicate Reference	<Ref>ABCD</Ref>
End of Additional Reference	</RItdRef>
RequestHandling	<ReqHdlg>
StatusCode	<StsCd>YES</StsCd>
End of Request Handling	</ReqHdlg>
End of Receipt details	</RctDtIs>
End message name Receipt	</Rct>

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6. 6. 6 ReturnAccount

Cash Management Standard

ReturnAccount_AS

M

Scope: The ReturnAccount is a Standard Cash Management (version 3.0) sent by the ASI in push mode to the AS in model 6 to notify the transfers of liquidity and the funds booked on the sub-accounts.

This message is also sent by the ASI to the AS to notify the global amount blocked on the mirror account.

Use of ReturnAccount for Interfaced models:

For sub-accounts :

a) The ReturnAccount contains only the AccountReport for the Settlement Banks whose sub-account has been debited or credited in the previous operation : current order, connected payment, increase/decrease of liquidity from CB. Both of the MultilateralBalances are indicated ("PYMT" and "BOOK").

b) Following a Start of procedure or Start of cycle, the ReturnAccount contains the AccountReport for all the Settlement Banks which have a sub-account dedicated to the AS :

- If the amount on the sub-account is zero, there is no MultilateralBalance
- If the amount on the sub-account is different of zero, there is only the MultilateralBalance "BOOK"

c) Following a request of End of Procedure, the ReturnAccount contains the AccountReport for all the Settlement Banks which have a sub-account dedicated to the AS :

- if there was no back transfer of liquidity, there is no MultilateralBalance
- if there was a back transfer of liquidity, there is only the MultilateralBalance "PYMT" which indicates the transferred amount.

For main accounts:

Following an automatic increase of liquidity by specific transactions (ie coupons and redemption), the ReturnAccount contains only the AccountReport for the Settlement Banks whose main account has been credited.

Only the MultilateralBalance "PYMT" is indicated.

Use of ReturnAccount for Integrated Models :

The ReturnAccount is sent by ASI to notify to the AS the global amount on the mirror account after execution of the Start of cycle. (code "BOOK").:

- First cycle : Liquidity from standing orders and current orders executed since the Start of procedure
- Following cycles : Liquidity from current orders executed since the last End of cycle

<camt.004.001.xx>

Structure:

Message Type	<camt.004.001.03>
Message Identification	<MsgId>
Message business identification	<Id>OVNSOP456ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABC1234</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Proprietary Data type	<Tp>SACC</Tp>
BICIdentifier	<AcctOwnr>BANKFRPPXXX</AcctOwnr>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Proprietary Data type	<Tp>PYMT</Tp>
Value Date / Time	<ValDt>
Date Time	<DtTm>2007-07-21T08:35:30</DtTm>
End of Value Date / Time	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>

End of BusinessReport
End Message Type

| </BizRpt>
</camt.004.001.03>

Attributes:

name of attribute	format	short description	description
<camt.004.001.03>		Message Type	
		Mandatory	Validation: [1..1]
<MsgId>		Message Identification	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification	=Reference assigned by the ASI to identify the message The format is composed of 6 characters followed by the PM business case identification. The triggering event of the ReturnAccount is precised by the first 6 characters which are : DAYSOP : Start of Procedure Daylight OVNSOC : Start of Cycle in Night-time DAYSOC : Start of Cycle in Daylight OVNEOP : Back transfer of liquidity at end of Night-time procedure DAYEOP : Back transfer of liquidity at end of Daylight procedure OVNSOP : Start of procedure Night-time (execution of standing orders) SBKLCT : LiquidityCreditTransfer sent by Settlement Bank through ICM CBKCSP : Connected payment sent by CB CBKCHA : Autocollateralisation "CHA" sent by CB CBKREP : Autocollateralisation "REP" sent by CB CBKSTR : Specific Transactions "STR" sent by CB CBKCOL : Autocollateralisation "COL" sent by CB
		Mandatory	Validation: [1..1]
</MsgId>		End Message Identification	
		Mandatory	Validation: [1..1]
<BizRpt>		BusinessReport	BusinessReport Choice used by the ASI
		Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport	This occurrence is unique in case of integrated models This occurrence could be repeated for each sub-account number linked to the receiver in case of interfaced models
		Mandatory	Validation: [1..n]
<AcctId>		Account Identification	Account Identification
		Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held.

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Identification	Identification of an entity Interfaced models = Main account or Sub-account number of the Settlement Bank Integrated models = Bic of the mirror account
		Mandatory	Validation: [1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification	Unique and unambiguous identification for the account between the account owner and the account servicer.
		Mandatory	Validation: [1..1]
<Acct>		Account Identification	
		Mandatory	Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	Account used for settlement : "SACC"
		Optional	Validation: [0..1]
<AcctOwnr>-</AcctOwnr>		BICIdentifier	Interfaced models = BIC of the Settlement Bank Integrated models = Not used
		Optional	Validation: [0..1]
<MulBal>		MultilateralBalance	Interfaced models = The "PYMT" occurrence contains the increased or decreased amount, the "BOOK" occurrence contains the new balance Integrated models = the unique "BOOK" occurrence contains the new balance
		Optional	Validation: [0..n]
<Amt>-</Amt>	18d	Amount	Interfaced models = "PYMT" occurrence = Individual amount of operation. "BOOK" occurrence = New balance in the sub account Integrated models = New balance on the mirror account
		Mandatory	Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	-if applied to a balance, indicates whether the balance is a credit or a debit balance. CRDT = Credit Balance is a credit balance. DBIT = Debit Balance is a debit balance. A zero balance is considered to be a credit balance -if applied to an operation, indicates whether it is a debit or a credit operation, CRDT = Credit Operation is an increase.

A

name of attribute	format	short description	description
		Mandatory	<p>DBIT = Debit Operation is a decrease.</p> <p>A zero amount is considered to be a credit operation</p> <p>Interfaced models = Indicates whether the amount increases ("CRDT"), or decreases ("DBIT") the sub-account. A zero amount is considered to be a credit amount</p> <p>Interfaced and Integrated models = Indicates whether the balance is a credit or a debit balance. A zero balance is considered to be a credit balance</p> <p>Validation: [1..1] Values : "CRDT", "DBIT"</p>
<Tp>-</Tp>		Proprietary Data type	<p>PYMT = increase or decrease amount</p> <p>BOOK = new balance</p> <p>Interfaced models = The increase or decrease amount is identified by the type "PYMT"</p> <p>Interfaced and Integrated models = The new balance is identified by the type "BOOK"</p> <p>Validation: [0..1]</p>
<ValDt>		Value Date / Time	<p>Date and time assets become available to the account owner (in a credit entry), or cease to be available to the account owner (in a debit entry).</p> <p>Date / Time at which the amount is or will be available</p> <p>Validation: [0..1]</p>
<DtTm>-</DtTm>	DateTime	Date Time	<p>Settlement time stamp. The date and time must be considered separately because :</p> <p>Date = Business date Time = System time</p> <p>Validation: [1..1]</p>
</ValDt>		End of Value Date / Time	<p>Validation: [0..1]</p>
</MulBal>		End of MultilateralBalance	<p>Validation: [0..n]</p>
</Acct>		End of Account	<p>End of Account</p> <p>Validation: [1..1]</p>
</AcctRpt>		End of AccountReport	<p>End of AccountReport</p> <p>Validation: [1..n][1..1]</p>
</BizRpt>		End of BusinessReport	<p>Validation: [1..1]</p>
</camt.004.001.03>		End Message Type	<p>Validation: [1..1]</p>

Error Codes:

ReturnAccount_AS_1

Scope: This sample of ReturnAccount is sent to AS in Integrated models after execution of the Start of Cycle

The AccountReport occurrence is used as single.

The occurrence MultilateralBalance indicates the new balance on the mirror account (code "BOOK")

Message Type	<camt.004.001.03>
Message Identification	<MsgId>
Message business identification	<Id>OVNSOC123ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BDFEFRPPMIR</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Proprietary Data type	<Tp>SACC</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Proprietary Data type	<Tp>BOOK</Tp>
Value Date / Time	<ValDt>
Date Time	<DtTm>2007-01-01T09:00:00</DtTm>
End of Value Date / Time	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End Message Type	</camt.004.001.03>

M

ReturnAccount_AS_2

Scope: The ReturnAccount is a Standard Cash Management sent by the ASI to the AS in model 6 to notify the transfers of liquidity and the funds booked on the sub-accounts.

Message Type	<camt.004.001.03>
Message Identification	<MsgId>
Message business identification	<Id>CBKCHA987ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>FR9999ABC01</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Proprietary Data type	<Tp>SACC</Tp>
BICIdentifier	<AcctOwnr>BANKFRPPXXX</AcctOwnr>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Proprietary Data type	<Tp>PYMT</Tp>
Value Date / Time	<ValDt>
Date Time	<DtTm>2007-01-01T09:00:00</DtTm>
End of Value Date / Time	</ValDt>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>1234789.56</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Proprietary Data type	<Tp>BOOK</Tp>
Value Date / Time	<ValDt>
Date Time	<DtTm>2007-01-01T09:00:00</DtTm>
End of Value Date / Time	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End Message Type	</camt.004.001.03>

M

6. 6. 7 ReturnGeneralBusinessInformation

Cash Management Standard

ReturnGeneralBusinessInformation_AS

Scope: This message is a Standard Cash Management sent by the AS to order the start and the end of procedures and cycles. It is also used by the ASI to notify the orders received from the AS.

<camt.021.001.xx>

Structure:

MessageName	<camt.021.001.01>
Message Identification	<MsgId>
Message business identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
GeneralBusinessReport	<GnlBizRpt>
BusinessInformationReference	<BizInfRef>ABC1234</BizInfRef>
GeneralBusinessInformation	<GnlBizInf>
Qualifier	<Qlfr>
Isformatted	<IsFrmtd>true</IsFrmtd>
End of Qualifier	</Qlfr>
Subject	<Sbj>ABC1234</Sbj>
BIC	<SbjDtIs>ANCILU2L123</SbjDtIs>
End of GeneralBusinessInformation	</GnlBizInf>
End of GeneralBusinessReport	</GnlBizRpt>
End of BusinessReport	</BizRpt>
EndMessageName	</camt.021.001.01>

Attributes:

name of attribute	format	short description	description
<camt.021.001.01>		Message name	Message name for AS_ReturnGeneralBusinessInformation
		Mandatory	Validation: [1..1]
<MsgId>		Message Identification	Message business identification
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification	
		Mandatory	Validation: [1..1]
</MsgId>		End Message Identification	
		Mandatory	Validation: [1..1]
<BizRpt>		BusinessReport	BusinessReport
			This choice must be used
		Mandatory	Validation: [1..1]
<GnlBizRpt>		GeneralBusinessReport	Reports either on the business information or on a business error.
		Mandatory	Validation: [1..n]
<BizInfRef>-</BizInfRef>	16x	BusinessInformationReference	Unique and unambiguous identification of a general business information system, as assigned by the system transaction administrator.
			On a notification of release of liquidity sent by the ASI, this reference is the copy of the BusinessInformationReference contained in the ReturnGeneralBusinessInformation sent by the AS or the CB to request the End of Cycle.
			/.maxLength = 16 /.minLength = 1
			Unique and unambiguous identification.
		Mandatory	Validation: [1..1] The contents must comply with the FIN set of characters and must not contain slashes.
<GnlBizInf>		GeneralBusinessInformation	The requested business information.
		Mandatory	This choice must be used Validation: [1..1]
<Qlfr>		Qualifier	
		Optional	Validation: [0..1] Mandatory when the AS or the CB is the sender. Optional when the SSP is the sender
<IsFrmtd>-</IsFrmtd>	YES/NO	Isformatted	
		Optional	Validation:

name of attribute	format	short description	description
			[0..1] Mandatory when the AS or the CB is the sender. In that case the only possible value is "true". Optional when the SSP is the sender.
</Qlfr>		End of Qualifier	End of Qualifier
		Optional	Validation: [0..1]
<Sbj>-</Sbj>	35x	Subject	Notification code: Codes sent by the ASI: OVN-PROC-OPN = Overnight Procedure is open LIQ-CYCL-END = Release of liquidity after End of Cycle OVN-PROC-CLOS = Night-time procedure is closed (Integrated AS) DAY-PROC-CLOS = Day time procedure is closed (Integrated AS) Codes sent by the AS: OVN-CYCL-OPEN = Open Overnight Cycle OVN-CYCL-CLOS = Close Overnight Cycle OVN-PROC-CLOS = Close Overnight Procedure DAY-PROC-OPEN = Open Daylight Procedure DAY-CYCL-OPEN = Open Daylight Cycle (Interfaced AS only) DAY-CYCL-CLOS = Close Daylight Cycle (Interfaced AS only) DAY-PROC-CLOS = Close Daylight Procedure NB : When the night-time procedure is closed, a daylight procedure can be open during the night-time trade phase
		Optional	Validation: [0..1]
<SbjDtls>-</SbjDtls>	11x	BIC	If the sender is a CB on behalf of the AS, this field is filled with the BIC of the AS
		Optional	Validation: [0..1]
</GnlBizInf>		End of GeneralBusinessInformatio n	End of GeneralBusinessInformation
		Mandatory	Validation: [1..1]
</GnlBizRpt>		End of GeneralBusinessReport	End of GeneralBusinessReport
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	End of BusinessReport
		Mandatory	Validation: [1..1]
</camt.021.001.01>		EndMessagename	End of message name for AS_ReturnGeneralBusinessInformation
		Mandatory	Validation: [1..1]

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: The request must be sent during the operating time of the ASI Remark:
1	A01			A001	Error Text: Sender not allowed Validation: The sender must be an AS or a CB defined in Static Data Remark:
2	A02			A002	Error Text: AS missing or not allowed in InitiatingParty / SubjectDetails Validation: When the DN is relative to a CB, then the Tag <SbjtDtIs> must be filled with the BIC of an AS of which this CB is responsible. Remark:
3	A20			A020	Error Text: Double payment identification Validation: BIC (11 characters) of the sender of the message + <Id> in <MsgId> must be unique over a period of 5 business days Remark:
4	A20			A020	Error Text: Double payment identification Validation: BIC (11 characters) of the sender of the message + <BizInfRef> must be unique over one business day Remark:
5	A12			A012	Error Text: Reference limited to 16 alphanumerical characters Validation: <BizInfRef> must be 16 characters long or less Remark:
6	A29			A029	Error Text: The qualifier must be Formatted Validation: Indicator <IsFrmtD> must be filled with "true" Remark:
7	A30			A030	Error Text: Code unknown Validation: <Sbjt> must belong in the following list: OVN-CYCL-OPEN, OVN-CYCL-CLOS, OVN-PROC-CLOS, DAY-PROC-OPEN, DAY-CYCL-OPEN, DAY-CYCL-CLOS, DAY-PROC-CLOS Remark:
8	A34			A034	Error Text: Order or message out of sequence Validation: The code specified in <Sbjt> must be consistent with the actual phase of AS business. Remark:

ReturnGeneralBusinessInformation_AS_1

Scope: ReturnGeneralBusinessInformation message can be sent by the ASI (sender of the message = BIC of the ASI)

*to the AS via ASI for:

-Notification of Start of overnight procedure triggered by the ASI at the start of day

Messagename	<camt.021.001.01>
Message Identification	<MsgId>
Message business identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
GeneralBusinessReport	<GnlBizRpt>
BusinessInformationReference	<BizInfRef>ABC1234</BizInfRef>
GeneralBusinessInformation	<GnlBizInf>
Qualifier	<Qlfr>
Isformatted	<IsFrmtd>true</IsFrmtd>
End of Qualifier	</Qlfr>
Subject	<Sbj>OVN-PROC-OPN</Sbj>
End of GeneralBusinessInformation	</GnlBizInf>
End of GeneralBusinessReport	</GnlBizRpt>
End of BusinessReport	</BizRpt>
EndMessagename	</camt.021.001.01>

ReturnGeneralBusinessInformation_AS_1b

Scope: ReturnGeneralBusinessInformation message can be sent by the ASI (sender of the message = BIC of the ASI)
*to the AS via ASI for:
-Notification of release of liquidity (LIQ-CYCL-END) after End of Cycle ordered by the AS via ASI or via an ICM screen (night-time and daylight)

Messagename	<camt.021.001.01>
Message Identification	<MsgId>
Message business identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
GeneralBusinessReport	<GnlBizRpt>
BusinessInformationReference	<BizInfRef>ABC1234</BizInfRef>
GeneralBusinessInformation	<GnlBizInf>
Qualifier	<Qlfr>
Isformatted	<IsFrmt>true</IsFrmt>
End of Qualifier	</Qlfr>
Subject	<Sbj>LIQ-CYCL-END</Sbj>
End of GeneralBusinessInformation	</GnlBizInf>
End of GeneralBusinessReport	</GnlBizRpt>
End of BusinessReport	</BizRpt>
EndMessagename	</camt.021.001.01>

ReturnGeneralBusinessInformation_AS_2

Scope: ReturnGeneralBusinessInformation message used by the AS to order the start and end of procedures and cycles, This message could also be used by the CB on behalf of the AS, in this case the BIC of the AS must be filled in "SubjectDetails"

MessageName	<camt.021.001.01>
Message Identification	<MsgId>
Message business identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
GeneralBusinessReport	<GnlBizRpt>
BusinessInformationReference	<BizInfRef>ABC1234</BizInfRef>
GeneralBusinessInformation	<GnlBizInf>
Qualifier	<Qlfr>
Isformatted	<IsFrmt>true</IsFrmt>
End of Qualifier	</Qlfr>
Subject	<Sbj>OVN-CYCL-OPEN</Sbj>
End of GeneralBusinessInformation	</GnlBizInf>
End of GeneralBusinessReport	</GnlBizRpt>
End of BusinessReport	</BizRpt>
EndMessageName	</camt.021.001.01>

ReturnGeneralBusinessInformation_AS_2b

Scope: ReturnGeneralBusinessInformation message used by the CB on behalf of the AS to order the start and end of procedures and cycles,
The BIC of the AS must be filled in "SubjectDetails"

MessageName	<camt.021.001.01>
Message Identification	<MsgId>
Message business identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
GeneralBusinessReport	<GnlBizRpt>
BusinessInformationReference	<BizInfRef>ABC1234</BizInfRef>
GeneralBusinessInformation	<GnlBizInf>
Qualifier	<Qlfr>
Isformatted	<IsFrmtd>true</IsFrmtd>
End of Qualifier	</Qlfr>
Subject	<Sbj>OVN-CYCL-CLOS</Sbj>
BIC	<SbjDtIs>ANCILU2L123</SbjDtIs>
End of GeneralBusinessInformation	</GnlBizInf>
End of GeneralBusinessReport	</GnlBizRpt>
End of BusinessReport	</BizRpt>
EndMessageName	</camt.021.001.01>

6. 6. 8 SBTransferInitiation

SSP Proprietary Messages

SBTransferInitiation_AS

Scope: The SBTransferInitiation message is sent by a Settlement Bank to the ASI, via ICM, to debit ist RTGS account in order to increase the liquidity on the mirror account of an Integrated AS.
The FirstAgent is debited in the PM against the credit of the FinalAgent.
Option : The AS participants which are credited or debited in the SSS may be indicated in the elements "Creditor" and "Debtor". They will be filled in the ATransferNotice sent to the SSS.
The "Debtor" BIC will be mapped to field 72 of the MT900.
The contents of field "Ustrd" will be mapped to field 72 of the MT900.

<pain.998.001.xx>

Structure:

Message Type	<pain.998.001.01>
Message Identification	<MsgId>
Message business identification	<Id>ABC1234</Id>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>SBTransferInitiation</Tp>
SSP Proprietary Data	<SspPrtryDt>
PaymentInformation	<PmtInf>
Debtor	<Dbtr>
Financial institution	<FI>
BIC	<BIC>DBTRFRAA123</BIC>
End of financial institution	</FI>
End of debtor	</Dbtr>
First Agent	<FrstAgt>
BIC	<BIC>BBBBFRAAXX</BIC>
End First Agent	</FrstAgt>
Information payment transaction.	<PmtTx>
PaymentIdentification	<PmtId>
EndToEndIdentification	<EndToEndId>ABC1234</EndToEndId>
EndPaymentIdentification	</PmtId>
Amount	<Amt>
InstructedAmount	<InstAmt>12345678.90</InstAmt>
End of Amount	</Amt>
Creditor	<Cdtr>
Financial institution	<FI>
BIC	<BIC>BANKFRPPXX</BIC>
End of financial institution	</FI>
End of Creditor	</Cdtr>
CreditorAccount	<CdtrAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>ABSD1234</Id>
End of simple Identification Information	</DmstAcct>
EndCreditorAccount	</CdtrAcct>
Final Agent	<FnIAgt>
BIC	<BIC>ANCIFRPPMIR</BIC>
End of Final Agent	</FnIAgt>
RemittanceInformation	<RmtInf>
Unstructured	<Ustrd>ABC1234</Ustrd>
EndRemittanceInformation	</RmtInf>
End of Information payment transaction.	</PmtTx>

EndPaymentInformation				</PmtInf>
End of SSP Proprietary Data				</SspPrtryDt>
End of Proprietary Data				</PrtryDt>
End Message Type				</pain.998.001.01>

Attributes:

name of attribute	format	short description	description
<pain.998.001.01>		Message Type	SSP proprietary message for Ancillary system interface
		Mandatory	Validation: [1..1]
<MsgId>		Message Identification	
		Mandatory	Validation: [1..1]
<Id>-</Id>	16x	Message business identification	String of characters that uniquely identifies a message at senders side. Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.
		Mandatory	Validation: [1..1] The length is limited to 16x maximum The contents must comply with the FIN set of characters and must not contain slashes.
</MsgId>		End Message Identification	End of Message Identification
		Mandatory	Validation: [1..1]
<PrtryDt>		Proprietary Data	Proprietary Data Container which defines the free format message
		Mandatory	Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	
		Mandatory	Validation: [1..1]always "SBTransferInitiation"
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory	Validation: [1..1]
<PmtInf>		PaymentInformation	Set of characteristics that applies to the debit side of the payment transactions
		Mandatory	Validation: [1..1]
<Dbtr>		Debtor	Information about the debtor of a payment.
		Optional	Validation: [0..1]
<FI>		Financial institution	Financial institution
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	=BIC of the ordering institution
		Mandatory	Validation: [1..1] Not checked

name of attribute	format	short description	description
</FI>		End of financial institution	End of financial institution
		Mandatory	Validation: [1..1]
</Dbtr>		End of debtor	
		Optional	Validation: [0..1]
<FrstAgt>		First Agent	
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	=BIC debited in the SSP
		Mandatory	Validation: [1..1] Checked in the framework of Addressing rules
</FrstAgt>		End First Agent	End First Agent
		Mandatory	Validation: [1..1]
<PmtTx>		Information payment transaction.	Payment processes required to transfer cash from the debtor to the creditor.
		Mandatory	Validation: [1..1] Only one occurrence of PaymentTransaction in PaymentInformation
<PmtId>		PaymentIdentification	Set of elements to provide further means of referencing a payment transaction
		Mandatory	Validation: [1..1]
<EndToEndId>-</EndToEndId>	Max16Text	EndToEndIdentification	Unique and unambiguous identification of a payment transaction, as assigned by any of the parties on the initiating side, that will be passed on throughout the entire end-to-end chain
		Mandatory	Validation: [1..1]
</PmtId>		EndPaymentIdentification	End of Set of elements to reference a payment transaction
		Mandatory	Validation: [1..1]
<Amt>		Amount	
		Mandatory	Validation: [1..1] The amount must be compatible with the format 15d used in FIN messages The amount must be different from zero
<InstAmt>-</InstAmt>	18d	InstructedAmount	Amount of money to be transferred between debtor and creditor expressed in Euros
		Mandatory	Validation: [1..1] Total digits = 18 Fraction digits = 2
</Amt>		End of Amount	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<Cdtr>		Creditor	Provides details about a system and about a member of a system.
		Optional	Validation: [0..1]
<FI>		Financial institution	Financial institution
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	=BIC of the final beneficiary (after the FinalAgent) If it is filled, it will be copied in ASTransferNotice
		Mandatory	Validation: [1..1] Not checked
</FI>		End of financial institution	End of financial institution
		Mandatory	Validation: [1..1]
</Cdtr>		End of Creditor	
		Optional	Validation: [0..1]
<CdtrAcct>		CreditorAccount	
		Optional	Validation: [0..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Account of the final beneficiary Validation: [1..1]
<Id>-</Id>	35x	Identification	Identification of an entity
		Mandatory	If it is filled, it will be copied in ASTransferNotice Validation: [1..1] The contents must comply with the FIN set of characters.
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation: [1..1]
</CdtrAcct>		EndCreditorAccount	
		Optional	Validation: [0..1]
<FnlAgt>		Final Agent	Provides details about a system and about a member of a system
		Mandatory	Is the BIC of the Mirror account to be credited in the SSP Validation: [1..1]
<BIC>-</BIC>	11x	BIC	
		Mandatory	Validation:

name of attribute	format	short description	description
			[1..1] Checked in the framework of addressing validation rules
</FnIAgt>		End of Final Agent	End of Final Agent
		Mandatory	Validation: [1..1]
<RmtInf>		RemittanceInformation	
		Optional	Validation: [0..1]
<Ustrd>-</Ustrd>	Max140Text	Unstructured	
		Mandatory	Shall be mapped to the remittance information of the payment transaction branch of the ASTransferNotice sent to the AS Shall be mapped to the MT900 field 72 Validation: [1..1] The contents must comply with the FIN set of characters.
</RmtInf>		EndRemittanceInformation	
		Optional	Validation: [0..1]
</PmtTx>		End of Information payment transaction.	
		Mandatory	Validation: [1..1]
</PmtInf>		EndPaymentInformation	
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryDt>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</pain.998.001.01>		End Message Type	
		Mandatory	Validation: [1..1]

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned Remark:
2	P42			P212	Error Text: Reference limited to 16 alphanumeric characters Validation: The length of the message identification must be limited to 16x maximum Remark:
3	P44			P214	Error Text: FirstAgent not allowed Validation: The FirstAgent must belong to the DN of the sender Remark:
4	P46			P216	Error Text: FinalAgent not allowed Validation: The FinalAgent must be the BIC of the mirror account which is authorized for the SB indicated as FirstAgent Remark:
5	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: Field 52 must be a valid BIC according BIC directory. Remark:
6	P60	-	-	P060	Error Text: Only valid BIC's are allowed. Validation: Field 58 (BIC) must be a valid BIC according BIC directory. Remark:
7	A56			A056	Error Text: Related AS does not participate in settlement model 6 integrated Validation: Related AS does participate in settlement model 6 integrated Remark:
8	A57			A057	Error Text: Final Agent must be a mirror account Validation: Final Agent is a mirror account Remark:
9	A58			A058	Error Text: Settlement bank is not allowed to address this mirror account Validation: Settlement bank is allowed to address this mirror account Remark:
10	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE", "APPLICBTE" or "APPLIASTE" are required. Remark: checked by ICM / ReturnTransaction

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6. 7 XML messages related to HAM

6. 7. 1 CancelTransaction (for CBs only)

Cash Management Standard

CancelTransaction_HAM

Scope: The Cancel Transaction Message is used by NCBs to cancel a transaction (queued or delivered in advance) on behalf of the account holder. This message will be replied by a Receipt Message.
Non-Repudiation of Emission (NRE) is supported.

<camt.008.001.xx>

Structure:

Message name for CancelTransaction

Message Identification

Message business identification

End Message Identification

Instruction Reference

Choice

Short Business Identification

Payment Instruction Reference

InterbankValueDate

Instructing Agent Identification

End ShortBusinessIdentification

Proprietary Reference

End of choice

End of InstructionReference

End of Message name for CancelTransaction

<CclTx>

<MsgId>

<Id> HACDEFGHIL1234567890ABCDEFGHIIL12345</Id>

</MsgId>

<InstrRef>

xorShrtBizIdPrtryRef

<ShrtBizId>

<PmtInstrRef>ABCDEFGHIIL123456</PmtInstrRef>

<IntrBkValDt>2008-09-12</IntrBkValDt>

<InstgAgtId>BBBBITRRXX</InstgAgtId>

</ShrtBizId>

<PrtryRef>ABCDEFGHIIL1234567890ABCDEFGHIIL1234567890

/xorShrtBizIdPrtryRef

</InstrRef>

</CclTx>

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Attributes:

name of attribute	format	short description	description
<CcITx>		Message name for CancelTransaction Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<InstrRef>		Instruction Reference Mandatory	Validation: [1..1]
xorShrtBizIdPrtryRef		Choice Mandatory	Choice amongst ShrtBizId or PrtryRef. Validation: [1..1]
<ShrtBizId>		Short Business Identification Mandatory	Validation: [1..1]
<PmtInstrRef>-</PmtInstrRef>	35x	Payment Instruction Reference Mandatory	TRN of the original payment instruction. If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtd> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer identifier) is not allowed. Validation: [1..1]
<IntrBkValDt>-</IntrBkValDt>		InterbankValueDate Mandatory	Settlement date (yyyy-mm-dd) If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtd> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer identifier) is not allowed . Validation: [1..1]
<InstgAgtd>-</InstgAgtd>	11x	Instructing Agent Identification Mandatory	BIC of the instructing agent (sender of the transaction instruction). If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtd> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer identifier) is not allowed. Validation: [1..1]
</ShrtBizId>		End ShortBusinessIdentification Mandatory	Validation: [1..1]
<PrtryRef>-</PrtryRef>	43x	Proprietary Reference	Internal transfer identifier. Unique and unambiguous

name of attribute	format	short description	description
		Mandatory	<p>identifier of a transaction, generated by HAM. If present, <PmtInstrRef>, <IntrBkValDt> and <InstgAgtd> (HAM business identifier) are not allowed.</p> <p>Validation: [1..1]</p>
/xorShrtBizIdPrtryRef		End of choice Mandatory	<p>Validation: [1..1]</p>
</InstrRef>		End of InstructionReference Mandatory	<p>Validation: [1..1]</p>
</CclTx>		End of Messagename for CancelTransaction Mandatory	<p>Validation: [1..1]</p>

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM
3	868	C8	XI19	2868	Error Text: Invalid sending/receiving BIC Validation: Remark:
4	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
5	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
6	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
7	H10	M1		H010	Error Text: Data not found (request data doesn't exist) Validation: Remark:
8	H08			H008	Error Text: Requestor unknown Validation: Remark:
9	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

CancelTransaction_HAM_1

Scope: Request to cancel a transaction identified through an Internal Ttransfer Identifier.

MessageName for CancelTransaction

<CclTx>

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Message Identification

<MsgId>

Message business identification

<Id>HACDEFGHIL1234567890ABCDEFGHIL12345</Id>

End Message Identification

</MsgId>

Instruction Reference

<InstrRef>

Proprietary Reference

<PrtryRef>ABCDEFGHIL1234567890ABCDEFGHIL1234567890ABC</PrtryRef>

End of InstructionReference

</InstrRef>

End of MessageName for CancelTransaction

</CclTx>

M

CancelTransaction_HAM_2

Scope: Request to cancel a transaction identified through an external transfer identifier (HAM Business identifier).

Message name for CancelTransaction

Message Identification

Message business identification

End Message Identification

Instruction Reference

Short Business Identification

Payment Instruction Reference

Interbank Value Date

Instruction Agent Identification

End Short Business Identification

End of Instruction Reference

End of Message name for CancelTransaction

<CclTx>

<MsgId>

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

</MsgId>

<InstrRef>

<ShrtBizId>

<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>

<IntrBkValDt>2008-09-12</IntrBkValDt>

<InstgAgtId>BBBBITRRXX</InstgAgtId>

</ShrtBizId>

</InstrRef>

</CclTx>

M

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6. 7. 2 GetAccount

Cash Management Standard

GetAccount_HAM

Scope: The Get Account Message is used by account holders in HAM (or by Co-managers and NCBs on behalf of the account holder) to request information about the balance of the account. The message is also used by account holders (or by NCBs on behalf of the account holder) to request information about the value of the standing order for automatic liquidity transfers from HAM to RTGS account. This message will be replied by a Return Account Message.

<camt.003.001.xx>

Structure:

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
Account Identification
Country code
End of Account Identification
Type
BICIdentifier
End of SearchCriteria
Return Criteria
Standing Order Indicator
End of ReturnCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition
End Message Type

<GetAcct>

```
<MsgId>
|   <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
|   </MsgId>
|   <AcctQryDef>
|   |   <AcctCrit>
|   |   |   <NewCrit>
|   |   |   |   <SchCrit>
|   |   |   |   |   <AcctId>
|   |   |   |   |   |   <CTTtxt>IT</CTTtxt>
|   |   |   |   |   </AcctId>
|   |   |   |   <Tp>CACC</Tp>
|   |   |   <AcctOwnr>BBBBITRRXXX</AcctOwnr>
|   |   </SchCrit>
|   |   <RtrCrit>
|   |   |   <StgOrdrlnd>1</StgOrdrlnd>
|   |   </RtrCrit>
|   </NewCrit>
|   </AcctCrit>
|   </AcctQryDef>
```

</GetAcct>

Attributes:

name of attribute	format	short description	description
<GetAcct>		Message Type	Message name for GetAccount
		Mandatory	Validation: [1..1]
<MsgId>		Message Identification	
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification	String of characters that uniquely identifies a message at senders side.
		Mandatory	Validation: [1..1]
</MsgId>		End Message Identification	
		Mandatory	Validation: [1..1]
<AcctQryDef>		Specification of the query criteria.	
		Mandatory	Validation: [0..1]
<AcctCrit>		Account Criteria	
		Mandatory	Validation: [0..1]
<NewCrit>		NewCriteria	
		Mandatory	Validation: [1..1]
<SchCrit>		SearchCriteria	
		Mandatory	Validation: [0..1]
<AcctId>		Account Identification	Account Identification
			This sequence is used when requesting information about CB customers, in order to univocally identify the CB customer account (through the country code of the relevant Central Bank). It is mandatory when the requested CB customer holds accounts at different Central Banks with the same BIC.
		Optional	Validation: [0..1]
<CTTxt>-</ CTTxt>	2x	Country code	Specifies the country code of the Central Bank relevant for the requested CB customer account.
		Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification	
		Optional	Validation: [0..1]
<Tp>-</Tp>	35x	Type	It must be: "CACC" (current account). The attribute is mandatory in HAM (differently from Cash Management standard).
		Mandatory	Validation: [0..1]

name of attribute	format	short description	description
<AcctOwnr>-</AcctOwnr>		BICIdentifier	Specifies the participant to which the data are referred. The attribute is mandatory when the requestor is the co-manager of the participant or the NCB.
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	
		Mandatory	Validation: [0..1]
<RtrCrit>		Return Criteria	
		Optional	Validation: [0..1]
<StgOrdrlnd>-</StgOrdrlnd>	1n	Standing Order Indicator	It must be present only when requesting information about the Standing Order for liquidity transfers from HAM to RTGS account. If present, it must be valorised as "1".
		Optional	Validation: [0..1]
</RtrCrit>		End of ReturnCriteria	
		Optional	Validation: [0..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation: [1..1]
</AcctCrit>		End Account Criteria	
		Mandatory	Validation: [0..1]
</AcctQryDef>		End Account Query Definition	
		Mandatory	Validation: [0..1]
</GetAcct>		End Message Type	
		Mandatory	Validation: [1..1]

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnAccount
2	H13			H013	Error Text: Requested field missing in input Validation: Remark:
3	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
4	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
5	H14			H014	Error Text: Requested country code missing in input Validation: Remark:
6	H12			H012	Error Text: Requested BIC missing in input Validation: Remark:
7	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
8	H08			H008	Error Text: Requestor unknown Validation: Remark:
9	H07	M7		H007	Error Text: Account not open Validation: Remark:
10	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

GetAccount_HAM_1

Scope: Request of information about account balance. Requestor is the account owner.

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
Type
End of SearchCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition

<GetAcct>

```
<MsgId>
|  <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
|
|  </MsgId>
|
|  <AcctQryDef>
|  |
|  |  <AcctCrit>
|  |  |
|  |  |  <NewCrit>
|  |  |  |
|  |  |  |  <SchCrit>
|  |  |  |  |
|  |  |  |  |  <Tp>CACC</Tp>
|  |  |  |  |
|  |  |  |  |  </SchCrit>
|  |  |  |  |
|  |  |  |  |  </NewCrit>
|  |  |  |
|  |  |  </AcctCrit>
|  |  </AcctQryDef>
```

End Message Type

</GetAcct>

GetAccount_HAM_2

Scope: Request of information about account balance. Requestor is the co-manager of the account owner.

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
Type
BICIdentifier
End of SearchCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition

<GetAcct>

```
<MsgId>
|   <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
|   </MsgId>
|   <AcctQryDef>
|   |   <AcctCrit>
|   |   |   <NewCrit>
|   |   |   |   <SchCrit>
|   |   |   |   |   <Tp>CACC</Tp>
|   |   |   |   |   <AcctOwnr>BBBBITRRXX</AcctOwnr>
|   |   |   |   </SchCrit>
|   |   |   </NewCrit>
|   |   </AcctCrit>
|   </AcctQryDef>
```

End Message Type

</GetAcct>

GetAccount_HAM_3

Scope: Request of information about the value of the standing order for liquidity transfers from HAM to RTGS account.
Requestor is the account owner.

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
Type
End of SearchCriteria
Return Criteria
Standing Order Indicator
End of ReturnCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition

<GetAcct>

```
<MsgId>
|
|  <Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>
|
|</MsgId>
|
|<AcctQryDef>
|
|  <AcctCrit>
|  |
|  |  <NewCrit>
|  |  |
|  |  |  <SchCrit>
|  |  |  |
|  |  |  |  <Tp>CACC</Tp>
|  |  |  |
|  |  |  |</SchCrit>
|  |  |
|  |  |</RtrCrit>
|  |
|  |</NewCrit>
|  |
|  |</AcctCrit>
|  |
|  |</AcctQryDef>
```

End Message Type

</GetAcct>

6. 7. 3 GetBusinessDayInformation

Cash Management Standard

GetBusinessDayInformation _HAM

Scope: The Get Business Day Information Message is used by account holders in HAM to request information about the status of the HAM system and the events planned during the HAM operational day. This message will be replied by a Return Business Day Information Message.

<camt.018.001.xx>

Structure:

Message Type

Message Identification

Message business identification

End Message Identification

Business Day Information Query Definition

Business Day Information Criteria

NewCriteria

SearchCriteria

SystemIdentification

CB Responsible

End of SystemIdentification

End of SearchCriteria

End of NewCriteria

End of Business Day Information Criteria

End of Business Day Information Query Definition

End of Messagename for
GetBusinessDayInformation

<GetBizDayInf>

<MsgId>

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

</MsgId>

<BizDayInfQryDef>

<BizDayInfCrit>

<NewCrit>

<SchCrit>

<SysId>

<Ctry>IT</Ctry>

</SysId>

</SchCrit>

</NewCrit>

</BizDayInfCrit>

</BizDayInfQryDef>

</GetBizDayInf>

M

M

Attributes:

name of attribute	format	short description	description
<GetBizDayInf>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizDayInfQryDef>		Business Day Information Query Definition Optional	Validation: [0..1]
<BizDayInfCrit>		Business Day Information Criteria Optional	Validation: [0..1]
<NewCrit>		NewCriteria Mandatory	Defines the criteria based on which the information is extracted. Validation: [1..1]
<SchCrit>		SearchCriteria Optional	Validation: [0..1]
<SysId>		SystemIdentification Optional	Validation: [0..1]
<Ctry>-</Ctry>	2!c	CB Responsible Mandatory	Country Code of the Responsible CB. Country code of the Central Bank using HAM. The attribute must be used if the requestor is a CB customer holding more than one account at different Central Banks (with the same BIC11), in order to specify the relevant Central Bank. Validation: [1..1]
</SysId>		End of SystemIdentification Optional	End of SystemIdentificationChoice Validation: [0..1]
</SchCrit>		End of SearchCriteria Optional	Validation: [0..1]
</NewCrit>		End of NewCriteria	

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
</BizDayInfCrit>		End of Business Day Information Criteria	Validation: [0..1]	
</BizDayInfQryDef>		End of Business Day Information Query Definition	Validation: [0..1]	
</GetBizDayInf>		End of Messagename for GetBusinessDayInformation	Validation: [1..1]	
		Mandatory		

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnBusinessDayInformation
2	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
3	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
4	H08			H008	Error Text: Requestor unknown Validation: Remark:
5	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:

GetBusinessDayInformation _HAM_1

Scope: Request of information performed by a HAM account holder about the status of the system and the events planned during the HAM operational day.

Message Type

Message Identification

Message business identification

End Message Identification

End of Messagename for
GetBusinessDayInformation

<GetBizDayInf>

<MsgId>

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

</MsgId>

</GetBizDayInf>

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6. 7. 4 GetReservation

Cash Management Standard

GetReservation_HAM

Scope: The Get Reservation Message is used by HAM account holders (or by Co-managers and NCBs on behalf of the HAM account holder) to request information about the reservation for cash withdrawals (current or default). It is also used by CB customers (or by NCBs on behalf of CB Customers) to request information about the value of the threshold for advice of investment. This message will be replied by a Return Reservation Message.

<camt.046.001.xx>

Structure:

message name for GetReservation

Message Identification
Message business identification
End Message Identification
ReservationQueryDefinition
ReservationCriteriaDefinition
NewCriteria
SearchCriteria
SystemIdentification
Country Code
End of SystemIdentification
Choice
Default Reservation Type
Current Reservation Type
End of choice
BICIdentifier
End of SearchCriteria
End of NewCriteria
End of ReservationCriteriaDefinition
End of ReservationQueryDefinition
End of message name for GetReservation

<GetRsvatn>

```
<MsgId>
  <Id>ABCDEFGHIJKLMNQRST123456789012345</Id>
</MsgId>
<RsvatnQryDef>
  <RsvatnCrit>
    <NewCrit>
      <SchCrit>
        <SysId>
          <Ctry>IT</Ctry>
        </SysId>
        xorDfltRsvatnTpCurRsvatnTp
        <DfltRsvatnTp>THRE</DfltRsvatnTp>
        <CurRsvatnTp>CARE</CurRsvatnTp>
        /xorDfltLmtTpCurLmtTp
        <AcctOwnr>BBBBITRRXXX</AcctOwnr>
      </SchCrit>
    </NewCrit>
  </RsvatnCrit>
</RsvatnQryDef>
</GetRsvatn>
```

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Attributes:

name of attribute	format	short description	description
<GetRsvatn>		message name for GetReservation Mandatory	message name for GetReservation Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<RsvatnQryDef>		ReservationQueryDefinition Mandatory	ReservationQueryDefinition Validation: [1..1]
<RsvatnCrit>		ReservationCriteriaDefinition Mandatory	ReservationCriteriaDefinition Validation: [1..1]
<NewCrit>		NewCriteria Mandatory	Validation: [1..1]
<SchCrit>		SearchCriteria Mandatory	Validation: [1..1]
<SysId>		SystemIdentification Optional	This sequence must be used when requesting information about a CB customer (threshold for advice of investment) , in order to univocally identify the CB customer account (through the country code of the relevant Central Bank). It is mandatory when the requested CB customer holds accounts at different Central Banks with the same BIC. Validation: [0..1]
<Ctry>-</Ctry>	21a	Country Code Mandatory	Specifies the country code of the Central Bank relevant for the requested CB customer. Validation: [1..1]
</SysId>		End of SystemIdentification Optional	Validation: [0..1]
xorDfltRsvatnTpCurRsvatnTp		Choice Mandatory	Choice amongst DfltRsvatnTp or CurRsvatnTp Validation: [1..1]

name of attribute	format	short description	description
<DfltRsvatnTp>- </DfltRsvatnTp>	4x	Default Reservation Type	Specifies the type of default reservation. It can be "CARE" (Reservation for Cash Withdrawals) or – alternatively- "THRE" (Threshold for Advise of Investment). It is not possible to repeat this attribute more than once in the same message. The attributes "DfltRsvatnTp" and "CurRsvatnTp" are mutually exclusive. If "DfltRsvatnTp" is valorised, "CurRsvatnTp" must not be valorised, and viceversa. Mandatory Validation: [1..1]
<CurRsvatnTp>- </CurRsvatnTp>	4x	Current Reservation Type	Specifies the type of current reservation. The only possible value is: "CARE" (for Reservation for Cash Withdrawals). The attributes "DfltRsvatnTp" and "CurRsvatnTp" are mutually exclusive. If "CurRsvatnTp" is valorised, "DfltRsvatnTp" must not be valorised, and viceversa. When a current reservation is requested, the data provided are related to the current date and to all the future dates for which a current reservation exist. Mandatory Validation: [1..1]
/xorDfltLmtTpCurLmtTp		End of choice Mandatory	Validation: [1..1]
<AcctOwnr>-</AcctOwnr>		BICIdentifier Optional	Specifies the participant to which the reservation is referred. The attribute is mandatory when the requestor is the co-manager of the participant or the NCB. Validation: [0..1]
</SchCrit>		End of SearchCriteria Mandatory	Validation: [1..1]
</NewCrit>		End of NewCriteria Mandatory	Validation: [1..1]
</RsvatnCrit>		End of ReservationCriteriaDefinition Mandatory	end of ReservationCriteriaDefinition Validation: [1..1]
</RsvatnQryDef>		End of ReservationQueryDefinition Mandatory	end of ReservationQueryDefinition Validation: [1..1]
</GetRsvatn>		End of message name for GetReservation Mandatory	end of message name for GetReservation Validation: [1..1]

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnReservation
2	868	C8	XI19	2868	Error Text: Invalid sending/receiving BIC Validation: Remark:
3	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
4	H14			H014	Error Text: Requested country code missing in input Validation: Remark:
5	H12			H012	Error Text: Requested BIC missing in input Validation: Remark:
6	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
7	H08			H008	Error Text: Requestor unknown Validation: Remark:
8	H07	M7		H007	Error Text: Account not open Validation: Remark:
9	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

GetReservation_HAM_1

Scope: Request of information about threshold for advice of investment. The requestor is the account owner.

message name for GetReservation

Message Identification

Message business identification

End Message Identification

ReservationQueryDefinition

ReservationCriteriaDefinition

NewCriteria

SearchCriteria

Default Reservation Type

End of SearchCriteria

End of NewCriteria

End of ReservationCriteriaDefinition

End of ReservationQueryDefinition

End of message name for GetReservation

<GetRsvatn>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

</MsgId>

<RsvatnQryDef>

<RsvatnCrit>

<NewCrit>

<SchCrit>

<DfltRsvatnTp>THRE</DfltRsvatnTp>

</SchCrit>

</NewCrit>

</RsvatnCrit>

</RsvatnQryDef>

</GetRsvatn>

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GetReservation_HAM_2

Scope: Request of information about current reservation for cash withdrawals. The requestor is the NCB of the account owner.

message name for GetReservation

<GetRsvatn>

M

Message Identification

<MsgId>

Message business identification

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

End Message Identification

</MsgId>

ReservationQueryDefinition

<RsvatnQryDef>

ReservationCriteriaDefinition

<RsvatnCrit>

NewCriteria

<NewCrit>

SearchCriteria

<SchCrit>

Current Reservation Type

<CurRsvatnTp>CARE</CurRsvatnTp>

BICIdentifier

<AcctOwnr>BBBBITRRXXX</AcctOwnr>

End of SearchCriteria

</SchCrit>

End of NewCriteria

</NewCrit>

End of ReservationCriteriaDefinition

</RsvatnCrit>

End of ReservationQueryDefinition

</RsvatnQryDef>

End of message name for GetReservation

</GetRsvatn>

M

6. 7. 5 GetThreshold (for CBs only)

SSP Proprietary Messages

GetThreshold_HAM

Scope: The Get Threshold Message is used by NCBs to request information about the threshold for advice of investment of "CB customers" and about the value of funds above the threshold. This message will be replied by a Return Threshold Message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Specification of the query criteria.

Account Criteria

NewCriteria

SearchCriteria

Type

Balance

BalanceType

End Balance

End of SearchCriteria

End of NewCriteria

End Account Criteria

End Account Query Definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>HACDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>GetThreshold</Tp>

<SspPrtryDt>

<AcctQryDef>

<AcctCrit>

<NewCrit>

<SchCrit>

<Tp>CACC</Tp>

<Bal>

<BalTp>CRRT</BalTp>

</Bal>

</SchCrit>

</NewCrit>

</AcctCrit>

</AcctQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It must be: "GetThreshold" . Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
<AcctQryDef>		Specification of the query criteria. Mandatory	Validation: [1..1]	
<AcctCrit>		Account Criteria Mandatory	Validation: [1..1]	
<NewCrit>		NewCriteria Mandatory	Validation: [1..1]	
<SchCrit>		SearchCriteria Mandatory	Validation: [1..1]	
<Tp>-</Tp>	35x	Type Mandatory	It must be: "CACC" (Current account). Validation: [1..1]	
<Bal>		Balance	This sequence must be repeted twice. The first time the tag <BalTp> (Balance type) must be valorised as "CRRT" (current balance) The second time the tag <BalTp> (Balance type) must be valorised as "THRE" (balance above the threshold).	

name of attribute	format	short description	description
		Mandatory	Validation: [2..2]
<BalTp>-</BalTp>	4x	BalanceType	Balance type code. In the first sequence of <Bal> (Balance), the tag <BalTp> (Balance type) must be valorised as "CRRT" (current balance). In the second sequence of <Bal> (Balance), the tag <BalTp> (Balance type) must be valorised as "THRE" (balance above the threshold).
		Mandatory	Validation: [1..1]
</Bal>		End Balance	
		Mandatory	Validation: [2..2]
</SchCrit>		End of SearchCriteria	
		Mandatory	Validation: [1..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation: [1..1]
</AcctCrit>		End Account Criteria	
		Mandatory	Validation: [1..1]
</AcctQryDef>		End Account Query Definition	
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation: [1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation: [1..1]

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / ReturnThreshold
2	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
3	H08			H008	Error Text: Requestor unknown Validation: Remark:
4	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:
5	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

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GetThreshold_HAM_1

Scope: Request of information about threshold for advice of investment and funds above the threshold

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Specification of the query criteria.

Account Criteria

NewCriteria

SearchCriteria

Type

Balance

BalanceType

End Balance

Balance

BalanceType

End Balance

End of SearchCriteria

End of NewCriteria

End Account Criteria

End Account Query Definition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>HACDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>GetThreshold</Tp>

<SspPrtryDt>

<AcctQryDef>

<AcctCrit>

<NewCrit>

<SchCrit>

<Tp>CACC</Tp>

<Bal>

<BalTp>CRRT</BalTp>

</Bal>

<Bal>

<BalTp>THRE</BalTp>

</Bal>

</SchCrit>

</NewCrit>

</AcctCrit>

</AcctQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 7. 6 GetTransaction

Cash Management Standard

GetTransaction _HAM

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Scope: The Get Transaction Message is used by account holders in HAM (or by Co-managers and NCBs on behalf of the account holder) to request information about transactions.
The user can ask for:
1) a single transaction, identified via (i) the "HAM business identifier" (sender, TRN, settlement date) or, if known, (ii) the "internal transfer identifier";
2) one or more transactions selected by mean of search criteria; in this case it is mandatory to specify if debit or credit transactions are requested.
The user can also specify the following additional search criteria:
a) transactions of a specific status; b) arrived in HAM within a time range; c) finalized in HAM within a time range; d) of a specific type; e) with a specific TRN; f) with a specific sender; g) with a specific counterpart; h) greater, lower or equal than a specific amount; i) to be settled in a specific date; l) triggered by a specific type of FIN message.
Finally, it is possible to ask for the FIN message that triggered a specific single transaction. In this case the user must specify an "internal transfer identifier" or a "HAM business identifier" and fill the tag <PmtTo><SysId> with the codeword "TGT".

Business Data Compression via delta sets is supported. GetTransaction message can be performed with the query type "CHNG", "MODF" or "DELD".

This message will be replied by a Return Transaction Message.

<camt.005.001.xx>

Structure:

MessageName for GetTransaction

<GetTx>

M

Message Identification

<MsgId>

Message business identification

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

End Message Identification

</MsgId>

Transaction Query Definition

<TxQryDef>

QueryTypeCode

<QryTp>CHNG</QryTp>

M

Transaction Criteria

<TxCrit>

choice amongst

xorQryNmNewCrit

QueryName

<QryNm>ABC122</QryNm>

NewCriteria

<NewCrit>

SearchCriteria

<SchCrit>

PaymentTo

<PmtTo>

System Identifier

<SysId>TGT</SysId>

Member Identification

<Mmbld>

BIC

<BIC>BBBBITRRXXX</BIC>

End Member Identification

</Mmbld>

Country Code

<Ctry>IT</Ctry>

End PaymentTo

</PmtTo>

Payment From

<PmtFr>

Member Identification

<Mmbld>

BIC

<BIC>BBBBITRRXXX</BIC>

End Member Identification

</Mmbld>

Country Code

<Ctry>DE</Ctry>

End Payment From

</PmtFr>

Payment Search

<PmtSch>

Choice

xorInstrRefGenericCriteria

Instruction Reference

<InstrRef>

Choice

xorShrtBizIdPrtryRef

Short Business Identification

<ShrtBizId>

Payment Instruction Reference

<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>

InterbankValueDate

<IntrBkValDt>2008-09-12</IntrBkValDt>

Instructing Agent Identification

<InstgAgtId>BBBBITRRXXX</InstgAgtId>

End ShortBusinessIdentification

</ShrtBizId>

Proprietary Reference						<PrtryRef>ABCDEFGHIL1234567890ABCDEFGHIL1234567890</PrtryRef>
End of choice						/xorShrtBizIdPrtryRef
End of InstructionReference						</InstrRef>
DateAndDateTimeSearchChoice						<TrfValDt>
Date Time Search						<DtTmSch>
DateTimeRange						<DtTmRg>
From Date Time						<FrDtTm>2007-08-13T08:30:00</FrDtTm>
To Date Time						<ToDtTm>2007-08-13T09:30:00<ToDtTm>
End Date Time Range						</DtTmRg>
End Date Time Search						</DtTmSch>
End Transfer Value Date						</TrfValDt>
Instruction Status						<InstrSts>
PaymentStatusCode						<PmtInstrSts>
Choice						xorFnlStsPdgSts
Final Status						<FnlSts>STLD</FnlSts>
Pending Status						<PdgSts>PSTL</PdgSts>
End of choice						/xorFnlStsPdgSts
End PaymentStatusCode						</PmtInstrSts>
Proprietary Status Reason						<PrtryStsRsn>XI02</PrtryStsRsn>
End of InstructionStatusSearch						</InstrSts>
Instructed Amount						<InstdAmt>
Implied Currency and Amount Range						<ImpldCcyAndAmtRg>
Amount						<Amt>
Choice						xorFrAmtToAmt FrToAmtEQAmt
From amount						<FrAmt>
Boundary Amount						<BdryAmt>1000100.00</BdryAmt>
Inclusive flag						<Incl>0</Incl>
End from amount						</FrAmt>
To Amount						<ToAmt>
Boundary Amount						<BdryAmt>1000100.00</BdryAmt>
Inclusive flag						<Incl>0</Incl>
End To Amount						</ToAmt>
FromToAmount						<FrToAmt>
From amount						<FrAmt>
Boundary Amount						<BdryAmt>1000100.00</BdryAmt>
Inclusive flag						<Incl>0</Incl>
End from amount						</FrAmt>
To Amount						<ToAmt>
Boundary Amount						<BdryAmt>1000100.00</BdryAmt>
Inclusive flag						<Incl>0</Incl>
End To Amount						</ToAmt>
End From To Amount						</FrToAmt>
Equal Amount						<EQAmt>7654.88</EQAmt>
End of choice						/xorFrAmtToAmt FrToAmtEQAmt
End of Amount						</Amt>
End ImpliedCurrencyandAmount Range						</ImpldCcyAndAmtRg>
End Instructed Amount						</InstdAmt>
Credit or debit indicator						<CdtDbtInd>CRDT</CdtDbtInd>
PaymentMethod						<PmtMtd>
FIN Message Type						<FINMT>202<FINMT>
End Payment Method						</PmtMtd>
ProcessingValidityTime						<PrcgVldtyTm>

choice	xorFrDtTmToDtTmDtTmRg
From Date Time	<FrDtTm>2007-08-13T08:30:00</FrDtTm>
To Date Time	<ToDtTm>2007-08-13T08:50:00</ToDtTm>
DateTimeRange	<DtTmRg>
From Date Time	<FrDtTm>2007-08-13T08:30:00</FrDtTm>
To Date Time	<ToDtTm>2007-08-13T08:50:00</ToDtTm>
End Date Time Range	</DtTmRg>
End of choice	/xorFrDtTmToDtTmDtTmRg
End Processing Validity Time	</PrcgVldtyTm>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>RGT</PrtryPmtTp>
End Payment Type	</PmtTp>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
End of choice	/xorInstrRefGenericCriteria
End Payment Search	</PmtSch>
Account Entry Search	<AcctNtrySch>
Account Identification	<AcctId>
Country code	<CTTxt>IT</CTTxt>
End of Account Identification	</AcctId>
Entry Date	<NtryDt>
Date Search	<DtSch>
Choice	xorFrToDtEQDt
From To Date	<FrToDt>
Start Date	<FrDt>2007-08-10</FrDt>
End Date	<ToDt>2007-08-13</ToDt>
End FromToDate	</FrToDt>
Equal Date	<EQDt>2007-08-13</EQDt>
End of choice	/xorFrToDtEQDt
End Date Search	</DtSch>
End Entry Date	</NtryDt>
End AccountEntrySearch	</AcctNtrySch>
End of SearchCriteria	</SchCrit>
End of NewCriteria	</NewCrit>
End choice amongst	/xorQryNmNewCrit
End Transaction Criteria	</TxCrit>
End Transaction Query Definition	</TxQryDef>
End of Messagename for GetTransaction	</GetTx>

name of attribute	format	short description	description
<GetTx>		Messagename for GetTransaction Mandatory	Messagename for GetTransaction Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<TxQryDef>		Transaction Query Definition Mandatory	Validation: [0..1]
<QryTp>-</QryTp>		QueryTypeCode Optional	Specifies the nature of the query, i.e. whether the query requests that all matching items be returned or only new matching items since the last similar query be returned. ALLL = All Specifies that the query requests that all matching items be returned. CHNG = Changes Specifies that the query requests that only new matching items since the last similar query be returned. MODF = Modified Specifies that the query requests to return only items that have changed since the last query. DELD = Deleted Specifies that the query requests to return only items that were deleted since the last query. Further details can be found in the general chapter for delta set retrieval. Validation: [0..1]
<TxCrit>		Transaction Criteria Mandatory	Validation: [0..1]
xorQryNmNewCrit		choice amongst	TransactionCriteriaDefinitionChoice QueryName and NewCriteria Defines the information that is searched either implicitly by recalling a previous query or explicitly by defining the criteria. QueryName [1..1] Max35Text TransactionCriteriaDefinitionChoice NewCriteria [1..1] TransactionCriteria Mandatory Validation: [1..1]
<QryNm>	35x	QueryName	Recalls the criteria (search and return criteria) defined in a preceding query.

name of attribute	format	short description	description
		Mandatory	Identifier of a preceding message. The cross-reference is used for the creation of delta sets Validation: [1..1]
<NewCrit>		NewCriteria Mandatory	Validation: [1..1]
<SchCrit>		SearchCriteria Mandatory	Validation: [0..1]
<PmtTo>		PaymentTo Optional	When credit transactions are selected (<CdtDbtInd> = CRDT), this sequence is used to specify the participant to whom transactions are referred (creditor). It can be used only once (repetition is not allowed) and is mandatory when the requestor is the co-manager of the participant or the NCB. When debit transactions are selected (<CdtDbtInd> = DBIT), this sequence is used to specify the counterpart(s) of the transactions and can be repeated up to 3 times. Validation: [0..3]
<SysId>-</SysId>	3x	System Identifier Optional	It must be used only in case of request of a FIN message that triggered a specific transaction. If used, it must be valorised with the codeword " TGT". It can be used only once (repetition is not allowed). Validation: [0..1]
<Mmbld>		Member Identification Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	Validation: [1..1]
</Mmbld>		End Member Identification Optional	Validation: [0..1]
<Ctry>-</Ctry>	2!a	Country Code Optional	When debit transactions are requested (<CdtDbtInd> = DBIT) this attribute is used to select a specific counterpart country. If valorised, it must contain the country code of the counterpart country. Validation: [0..1]
</PmtTo>		End PaymentTo Optional	Validation: [0..3]
<PmtFr>		Payment From	When debit transactions are requested (<CdtDbtInd> = DBIT) this sequence is used to identify the debtor (first occurrence of the sequence) and the sender of the transaction (second occurrence) . It can be used up to two times. In the first sequence, the attribute <BIC>-

name of attribute	format	short description	description
		Optional	<p></BIC> must contain the BIC of the participant to whom transactions are referred (debtor). This occurrence is mandatory when the requestor is the co-manager of the participant or the NCB. In the second occurrence of the sequence (present only if the requestor wish to select transactions sent by a specific participant) the attribute <BIC>-</BIC> must contain the BIC of the sender of the transactions. If the second BIC is present, also the first BIC must be present (even if it is equal to the requestor).</p> <p>When credit transactions are requested (<CdtDbtInd> = CRDT) this sequence is used to specify the counterpart(s) of the transactions and can be repeated up to 3 times.</p> <p>Validation: [0..3]</p>
<Mmbld>		Member Identification Optional	<p>Validation: [0..1]</p>
<BIC>-</BIC>	11x	BIC Mandatory	<p>Validation: [1..1]</p>
</Mmbld>		End Member Identification Optional	<p>Validation: [0..1]</p>
<Ctry>-</Ctry>	2la	Country Code Optional	<p>When credit transactions are requested (<CdtDbtInd> = CRDT) this attribute is used to select a specific counterpart country. If valorised, it must contain the country code of the counterpart country.</p> <p>Validation: [0..1]</p>
</PmtFr>		End Payment From Optional	<p>Validation: [0..3]</p>
<PmtSch>		Payment Search Optional	<p>Validation: [0..1]</p>
xorInstrRefGenericCriteria		Choice Mandatory	<p>Choice amongst InstrRef and generic search criteria (generic search criteria: TrfValDt, InstrSts, InstdAmt, CdtDbtInd, PmtMtd, PrcgVldtTm, PmtTp and PmtIntrRef).</p> <p>Validation: [1..1]</p>
<InstrRef>		Instruction Reference Mandatory	<p>This sequence is used when the requestor wants to select a single transaction, identified via a "HAM business identifier" (sender, TRN, settlement date) or an "internal transfer identifier". If a single transaction is selected, no other selection criteria are allowed. The sequence can be used only once (repetition is not allowed).</p> <p>Validation: [1..1]</p>
xorShrtBizIdPrtryRef		Choice Mandatory	<p>Choice amongst ShrtBizId or PrtryRef</p> <p>Validation: [1..1]</p>

name of attribute	format	short description	description
<ShrtBizId>		Short Business Identification Mandatory	Validation: [1..1]
<PmtInstrRef>-</PmtInstrRef>	35x	Payment Instruction Reference Mandatory	TRN of the original payment instruction. If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtId> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer identifier) is not allowed. Validation: [1..1]
<IntrBkValDt>-</IntrBkValDt>		InterbankValueDate Mandatory	Settlement date (yyyy-mm-dd) If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtId> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer identifier) is not allowed. Validation: [1..1]
<InstgAgtId>-</InstgAgtId>	11x	Instructioning Agent Identification Mandatory	BIC of the instructing agent (sender of the transaction instruction). If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtId> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer identifier) is not allowed. Validation: [1..1]
</ShrtBizId>		End ShortBusinessIdentification Mandatory	Validation: [1..1]
<PrtryRef>-</PrtryRef>	43x	Proprietary Reference Mandatory	Internal transfer identifier. Unique and unambiguous identifier of a transaction, generated by HAM. If present, <PmtInstrRef>, <IntrBkValDt> and <InstgAgtId> (HAM business identifier) are not allowed. Validation: [1..1]
/xorShrtBizIdPrtryRef		End of choice Mandatory	Validation: [1..1]
</InstrRef>		End of InstructionReference Mandatory	Validation: [1..1]
<TrfValDt>		DateAndDateTimeSearchC hoice Optional	This sequence is used when the requestor wants to select transactions arrived in HAM within a time range. Validation: [0..1]
<DtTmSch>		Date Time Search Mandatory	Validation: [1..1]
<DtTmRg>		DateTimeRange Mandatory	Validation: [1..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time	Lower bound of the time range (yyyy-mm-ddThh-mm-ss).

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<ToDtTm>-<ToDtTm>	DateTime	To Date Time Mandatory	Upper bound of the time range (yyyy-mm-ddThh-mm-ss). Validation: [1..1]
</DtTmRg>		End Date Time Range Mandatory	Validation: [1..1]
</DtTmSch>		End Date Time Search Mandatory	Validation: [1..1]
</TrfValDt>		End Transfer Value Date Optional	Validation: [0..1]
<InstrSts>		Instruction Status Optional	This sequence is used when the requestor wants to select transactions with a specified status (final or pending) or transactions rejected with a specified error code. It is possible to specify up to a maximum of 3 different status and 3 different error codes. Validation: [0..3]
<PmtInstrSts>		PaymentStatusCode Mandatory	Validation: [1..1]
xorFnlStsPdgSts		Choice Mandatory	Choice amongst FnlSts or PdgSts Validation: [1..1]
<FnlSts>-</FnlSts>	4x	Final Status Mandatory	Specifies the (final) status of the transactions to select. Possible values are: "CAND" (cancelled) for cancelled transactions; "RJTD" (rejected) for transactions rejected by the clearing agent; "STLD" (settled) for transactions successfully processed. The attributes <FnlSts> and <PdgSts> are mutually exclusive. If <FnlSts> is valorised, <PdgSts> cannot be valorised, and viceversa. Validation: [1..1]
<PdgSts>-</PdgSts>	4x	Pending Status Mandatory	Specifies the (pending) status of the transactions to select. Possible values are: "PSTL" (pending settlement) for queued transactions or "STLE" (earmarked) for transactions delivered in advance. The attributes <PdgSts> and <FnlSts> are mutually exclusive. If <FnlSts> is valorised, <PdgSts> cannot be valorised, and viceversa. Validation: [1..1]
/xorFnlStsPdgSts		End of choice Mandatory	Validation: [1..1]
</PmtInstrSts>		End PaymentStatusCode Mandatory	Validation:

name of attribute	format	short description	description
[1..1]			
<PrtryStsRsn>-</PrtryStsRsn> 4x		Proprietary Status Reason	Specifies the error code of the transactions to select. If used, <FnlSts> must be "RJTD" (rejected).
		Optional	Validation: [0..1]
</InstrSts>		End of InstructionStatusSearch	
		Optional	Validation: [0..3]
<InstdAmt>		Instructed Amount	This sequence is used when the requestor wants to select transactions with an amount equal, greater, lower than a specified quantity, or included in a specified range. The sequence can be used only once (repetition is not allowed).
		Optional	Validation: [0..1]
<ImpldCcyAndAmtRg>		Implied Currency and Amount Range	
		Mandatory	Validation: [1..1]
<Amt>		Amount	
		Mandatory	Validation: [1..1]
xorFrAmtToAmt FrToAmtEQAmt		Choice	Choice amongst FrAmt, ToAmt, FrToAmt or EQAmt .
		Mandatory	Validation: [1..1]
<FrAmt>		From amount	It is used to select transactions with an amount >= than the specified quantity.
		Mandatory	Validation: [1..1]
<BdryAmt>-</BdryAmt>	14n	Boundary Amount	Amount .
		Mandatory	Validation: [1..1]
<Incl>-</Incl>	1n	Inclusive flag	It must be: "1" (equal is included).
		Mandatory	Validation: [1..1]
</FrAmt>		End from amount	
		Mandatory	Validation: [1..1]
<ToAmt>		To Amount	It is used to select transactions with an amount < than the specified quantity.
		Mandatory	Validation: [1..1]
<BdryAmt>-</BdryAmt>	14n	Boundary Amount	Amount .
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<Incl>-</Incl>	1n	Inclusive flag Mandatory	It must be: "0" (equal is not included). Validation: [1..1]
</ToAmt>		End To Amount Mandatory	Validation: [1..1]
<FrToAmt>		FromToAmount Mandatory	It is used to select transactions with an amount included in a specified range. Validation: [1..1]
<FrAmt>		From amount Mandatory	Validation: [1..1]
<BdryAmt>-</BdryAmt>	14n	Boundary Amount Mandatory	Lower bound of the range . Validation: [1..1]
<Incl>-</Incl>	1n	Inclusive flag Mandatory	It must be: "1" (equal is included). Validation: [1..1]
</FrAmt>		End from amount Mandatory	Validation: [1..1]
<ToAmt>		To Amount Mandatory	Validation: [1..1]
<BdryAmt>-</BdryAmt>	14n	Boundary Amount Mandatory	Upper bound of the range Validation: [1..1]
<Incl>-</Incl>	1n	Inclusive flag Mandatory	It must be: "0" (equal is not included) Validation: [1..1]
</ToAmt>		End To Amount Mandatory	Validation: [1..1]
</FrToAmt>		End From To Amount Mandatory	Validation: [1..1]
<EQAmt>-</EQAmt>	14n	Equal Amount Mandatory	It is used to select transactions with an amount = the specified quantity . Validation: [1..1]
/xorFrAmtToAmt FrToAmtEQAmt		End of choice	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
</Amt>		End of Amount	
		Mandatory	Validation: [1..1]
</ImpldCcyAndAmtRg>		End ImpliedCurrencyandAmount Range	
		Mandatory	Validation: [1..1]
</InstdAmt>		End Instructed Amount	
		Optional	Validation: [0..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	Credit debit indicator. The attribute is mandatory except in the case of selection of a single transaction identified via an internal or a business identifier. When valorised, it can be: "CRDT" (credit) or "DBIT" (debit).
		Optional	Validation: [0..1]
<PmtMtd>		PaymentMethod	PaymentMethod
		Optional	This sequence is used to select transactions triggered by the arrival of a specific SWIFT FIN message. If not used, transactions triggered by all FIN messages (MT 202, MT 103 and MT103+) will be returned. Validation: [0..1]
<FINMT>-<FINMT>	3x	FIN Message Type	It is used to specify a SWIFT FIN message. Possible values are: "202" (MT202) or "103" (MT103 and MT103+).
		Mandatory	Validation: [1..1]
</PmtMtd>		End Payment Method	
		Optional	Validation: [0..1]
<PrcgVldtyTm>		ProcessingValidityTime	This sequence is used when the requestor wants to select transactions finalized in HAM before or after a specific time or within a time range.
		Optional	Validation: [0..1]
xorFrDtTmToDtTmDtTmRg		choice	choice amongst <FrDtTm>, <ToDtTm> or <DtTmRg>
		Mandatory	Choice between FrDtTm, ToDtTm and DtTmRg Validation: [1..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time	Used to select transactions finalized in HAM after a specific time
		Mandatory	Validation: [1..1]
<ToDtTm>-</ToDtTm>	DateTime	To Date Time	Used to select transactions finalized in HAM before a specific time
		Mandatory	Validation:

name of attribute	format	short description	description
[1..1]			
<DtTmRg>		DateTimeRange Mandatory	Validation: [1..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time Mandatory	Lower bound of the time range (yyyy-mm-ddThh-mm-ss). Validation: [1..1]
<ToDtTm>-</ToDtTm>	DateTime	To Date Time Mandatory	Upper bound of the time range (yyyy-mm-ddThh-mm-ss). Validation: [1..1]
</DtTmRg>		End Date Time Range Mandatory	Validation: [1..1]
/xorFrDtTmToDtTmDtTmRg		End of choice Mandatory	end of choice amongst <FrDtTm>, or <ToDtTm> or <DtTmRg> Validation: [1..1]
</PrcgVldtyTm>		End Processing Validity Time Optional	Validation: [0..1]
<PmtTp>		Payment Type Optional	Payment Type This sequence is used when the requestor wants to select transactions of a specific type. The sequence can be used up to 3 times. Validation: [0..3]
<PrtryPmtTp>-</PrtryPmtTp>	4x	Proprietary Payment Type Mandatory	Specifies the type of transactions. Possible values are: "CWD" (Cash Withdrawals); "LQT" (Liquidity Transfers) for transfers between accounts of the same participant, (including standing facilities transactions); "RGT" (Regular Transactions) for transfers between HAM accounts, or between HAM accounts and RTGS accounts of different participants; "RGP" (Regular Payments) for payments between CB customers, or between CB customers and RTGS accounts, or between CB customers and the account in HAM of the NCB (initiated by the NCB via Simplified MT 202); "BKT" (back up transactions) for transactions initiated by the NCB via ICM on behalf of the account owner in contingency situations; "HAM" (interests from HAM); "SFM" (interests from SF Module); "CRM" (billing from CRM); "RMM" (interests/penalties from RM module). Validation: [1..1]
</PmtTp>		End Payment Type Optional	Validation: [0..3]
<PmtInstrRef>-</PmtInstrRef>	35x	Payment Instruction Reference Optional	This attribute is used to select transactions with a specific TRN. Validation: [0..1]

name of attribute	format	short description	description
/xorInstrRefGenericCriteria		End of choice Mandatory	Validation: [1..1]
</PmtSch>		End Payment Search Optional	Validation: [0..1]
<AcctNtrySch>		Account Entry Search Optional	Validation: [0..1]
<AcctId>		Account Identification Optional	Account Identification This sequence must be used when requesting information about a CB customer, in order to univocally identify the CB customer account (through the country code of the relevant Central Bank). It is mandatory when the requested CB customer holds accounts at different Central Banks with the same BIC. It can be used only once (repetition is not allowed). Validation: [0..1]
<CTTtxt>-</ CTTtxt>	2x	Country code Mandatory	Specifies the country code of the Central Bank relevant for the CB customer account. Validation: [1..1]
</AcctId>		End of Account Identification Optional	Validation: [0..1]
<NtryDt>		Entry Date Optional	Validation: [0..1]
<DtSch>		Date Search Mandatory	Validation: [1..1]
xorFrToDtEQDt		Choice Mandatory	Choice amongst FrToDt or EQDt. Validation: [1..1]
<FrToDt>		From To Date Mandatory	It is used to select transactions to be settled in a specific date range. Validation: [1..1]
<FrDt>-</FrDt>	DateTime	Start Date Mandatory	Lower bound of the range (yyyy-mm-dd). Validation: [1..1]
<ToDt>-</ToDt>	Date	End Date Mandatory	Upper bound of the range (yyyy-mm-dd). Validation: [1..1]
</FrToDt>		End FromToDate	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<EQDt>-</EQDt>	Date	Equal Date	It is used to select transactions to be settled in a specific date (yyyy-mm-dd).
		Mandatory	Validation: [1..1]
/xorFrToDtEQDt		End of choice	
		Mandatory	Validation: [1..1]
</DtSch>		End Date Search	
		Mandatory	Validation: [1..1]
</NtryDt>		End Entry Date	
		Optional	Validation: [0..1]
</AcctNtrySch>		End AccountEntrySearch	
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	
		Mandatory	Validation: [0..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation: [1..1]
/xorQryNmNewCrit		End choice amongst	end choice amongst TransactionCriteriaDefinitionChoice
		Mandatory	Validation: [1..1]
</TxCrit>		End Transaction Criteria	
		Mandatory	Validation: [0..1]
</TxQryDef>		End Transaction Query Definition	
		Mandatory	Validation: [0..1]
</GetTx>		End of Messagename for GetTransaction	
		Mandatory	Validation: [1..1]

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnTransaction
2	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
3	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
4	H13			H013	Error Text: Requested field missing in input Validation: Remark:
5	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
6	H14			H014	Error Text: Requested country code missing in input Validation: Remark:
7	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
8	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
9	H08			H008	Error Text: Requestor unknown Validation: Remark:
10	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:
11	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:
12	H12			H012	Error Text: Requested BIC missing in input Validation: Remark:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
13	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:

GetTransaction _HAM_1

Scope: Request of information on a specific transaction identified through an HAM business identifier . The requestor is the account owner.

Messagename for GetTransaction

Message Identification
Message business identification
End Message Identification
Transaction Query Definition
Transaction Criteria
NewCriteria
SearchCriteria
Payment Search
Instruction Reference
Short Business Identification
Payment Instruction Reference
InterbankValueDate
Instructing Agent Identification
End ShortBusinessIdentification
End of InstructionReference
End Payment Search
End of SearchCriteria
End of NewCriteria
End Transaction Criteria
End Transaction Query Definition

End of Messagename for GetTransaction

<GetTx>

```
<MsgId>
|   <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
|
|   </MsgId>
|
|   <TxQryDef>
|   |
|   |   <TxCrit>
|   |   |
|   |   |   <NewCrit>
|   |   |   |
|   |   |   |   <SchCrit>
|   |   |   |   |
|   |   |   |   |   <PmtSch>
|   |   |   |   |   |
|   |   |   |   |   |   <InstrRef>
|   |   |   |   |   |   |
|   |   |   |   |   |   |   <ShrtBizId>
|   |   |   |   |   |   |   |
|   |   |   |   |   |   |   |   <PmtInstrRef>ABCDEFGHIJL123456</PmtInstrRef>
|   |   |   |   |   |   |   |   <IntrBkValDt>2008-09-12</IntrBkValDt>
|   |   |   |   |   |   |   |   <InstgAgtId>BBBBITRRXXX</InstgAgtId>
|   |   |   |   |   |   |   |   </ShrtBizId>
|   |   |   |   |   |   |   |   </InstrRef>
|   |   |   |   |   |   |   |   </PmtSch>
|   |   |   |   |   |   |   |   </SchCrit>
|   |   |   |   |   |   |   |   </NewCrit>
|   |   |   |   |   |   |   |   </TxCrit>
|   |   |   |   |   |   |   |   </TxQryDef>
```

</GetTx>

GetTransaction_HAM_2

Scope: Request of information on all settled credit transactions. The requestor is the co-manager of the account owner.

Messagename for GetTransaction

Message Identification
Message business identification
End Message Identification
Transaction Query Definition
Transaction Criteria
NewCriteria
SearchCriteria
PaymentTo
Member Identification
BIC
End Member Identification
End PaymentTo
Payment Search
Instruction Status
PaymentStatusCode
Final Status
End PaymentStatusCode
End of InstructionStatusSearch
Credit or debit indicator
End Payment Search
End of SearchCriteria
End of NewCriteria
End Transaction Criteria
End Transaction Query Definition

End of Messagename for GetTransaction

<GetTx>

<MsgId>
| <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
</MsgId>
<TxQryDef>
<TxCrit>
| <NewCrit>
| | <SchCrit>
| | | <PmtTo>
| | | | <Mmbld>
| | | | | <BIC>BBBBITRRXX</BIC>
| | | | </Mmbld>
| | | </PmtTo>
| | <PmtSch>
| | <InstrSts>
| | | <PmtInstrSts>
| | | | <FnlSts>STLD</FnlSts>
| | | </PmtInstrSts>
| | </InstrSts>
| | <CdtDbtInd>CRDT</CdtDbtInd>
| | </PmtSch>
| | </SchCrit>
| | </NewCrit>
| </TxCrit>
</TxQryDef>

</GetTx>

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GetTransaction_HAM_3

Scope: Request of information on all debit transactions sent by the co-manager (BBBBITRRXXX) on behalf of the account owner (PPPPITRRXXX).

Message name for GetTransaction

Message Identification
Message business identification
End Message Identification
Transaction Query Definition
Transaction Criteria
NewCriteria
SearchCriteria
Payment From
Member Identification
BIC
End Member Identification
End Payment From
Payment From
Member Identification
BIC
End Member Identification
End Payment From
Payment Search
Credit or debit indicator
End Payment Search
End of SearchCriteria
End of NewCriteria
End Transaction Criteria
End Transaction Query Definition

End of Message name for GetTransaction

<GetTx>

<MsgId>
| <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
</MsgId>
<TxQryDef>
<TxCrit>
| <NewCrit>
| | <SchCrit>
| | | <PmtFr>
| | | | <Mmbld>
| | | | | <BIC>PPPPITRRXXX</BIC>
| | | | </Mmbld>
| | | </PmtFr>
| | <PmtFr>
| | | <Mmbld>
| | | | <BIC>BBBBITRRXXX</BIC>
| | | </Mmbld>
| | </PmtFr>
| | <PmtSch>
| | | <CdtDbtInd>DBIT</CdtDbtInd>
| | </PmtSch>
| | </SchCrit>
| | </NewCrit>
| | </TxCrit>
| </TxQryDef>

</GetTx>

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GetTransaction_HAM_4

Scope: Request of information about the FIN message that triggered a single transaction identified through an HAM business identifier.

Message name for GetTransaction

Message Identification	<MsgId>
Message business identification	<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
Transaction Query Definition	<TxQryDef>
Transaction Criteria	<TxCrit>
NewCriteria	<NewCrit>
SearchCriteria	<SchCrit>
PaymentTo	<PmtTo>
System Identifier	<SysId>TGT</SysId>
End PaymentTo	</PmtTo>
Payment Search	<PmtSch>
Instruction Reference	<InstrRef>
Short Business Identification	<ShrtBizId>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2008-09-12</IntrBkValDt>
Instructing Agent Identification	<InstgAgId>BBBBITRRXXX</InstgAgId>
End ShortBusinessIdentification	</ShrtBizId>
End of InstructionReference	</InstrRef>
End Payment Search	</PmtSch>
End of SearchCriteria	</SchCrit>
End of NewCriteria	</NewCrit>
End Transaction Criteria	</TxCrit>
End Transaction Query Definition	</TxQryDef>
Message name for GetTransaction	</GetTx>

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GetTransaction _HAM_5

Scope: Request of information on all debit Regular Transactions (RGT): sent by the co-manager (SSSSITRRXXX), on behalf of the account owner (OOOOITRRXXX), towards a country (DE), arrived in HAM in a range of time (2008-05-02T10-00-00 - 2008-05-02T10-04-59), to be settled in the same date, rejected with a specific return code (XI02), in a range of amount (1000000,01 - 1000100,00).

MessageName for GetTransaction

<GetTx>

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Message Identification	<MsgId>
Message business identification	<Id>ABCDEFGHILMNOPQRSTUVWXYZ0123456789</Id>
End Message Identification	</MsgId>
Transaction Query Definition	<TxQryDef>
Transaction Criteria	<TxCrit>
NewCriteria	<NewCrit>
SearchCriteria	<SchCrit>
PaymentTo	<PmtTo>
Country Code	<Ctry>DE</Ctry>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>OOOOITRRXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>SSSSITRRXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Payment Search	<PmtSch>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time Search	<DtTmSch>
DateTimeRange	<DtTmRg>
From Date Time	<FrDtTm>2007-08-13T08:30:00</FrDtTm>
To Date Time	<ToDtTm>2007-08-13T08:50:00</ToDtTm>
End Date Time Range	</DtTmRg>
End Date Time Search	</DtTmSch>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>RJTD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
Proprietary Status Reason	<PrtryStsRsn>XI02</PrtryStsRsn>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Implied Currency and Amount Range	<ImpldCcyAndAmtRg>
Amount	<Amt>
FromToAmount	<FrToAmt>
From amount	<FrAmt>
Boundary Amount	<BdryAmt>1000000.01</BdryAmt>
Inclusive flag	<Incl>1</Incl>
End from amount	</FrAmt>
To Amount	<ToAmt>
Boundary Amount	<BdryAmt>1000100.00</BdryAmt>
Inclusive flag	<Incl>0</Incl>
End To Amount	</ToAmt>

End From To Amount	</FrToAmt>
End of Amount	</Amt>
End ImpliedCurrencyandAmount Range	</ImpldCcyAndAmtRg>
End Instructed Amount	</InstdAmt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>RGT</PrtryPmtTp>
End Payment Type	</PmtTp>
End Payment Search	</PmtSch>
Account Entry Search	<AcctNtrySch>
Entry Date	<NtryDt>
Date Search	<DtSch>
Equal Date	<EQDt>2008-05-02</EQDt>
End Date Search	</DtSch>
End Entry Date	</NtryDt>
End AccountEntrySearch	</AcctNtrySch>
End of SearchCriteria	</SchCrit>
End of NewCriteria	</NewCrit>
End Transaction Criteria	</TxCrit>
End Transaction Query Definition	</TxQryDef>
End of Messagename for GetTransaction	</GetTx>

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6. 7. 7 LiquidityCreditTransfer

Cash Management Standard

LiquidityCreditTransfer_HAM

Scope: The Liquidity Credit Transfer message is used by HAM account holders (or by Co-managers and NCBs on behalf of the HAM account holder) to perform: 1) liquidity transfers from the HAM account to the RTGS account of the same participant; 2) interbank transfers between HAM accounts or from the HAM account to the RTGS account of different participants.

It is also used by NCBs to perform: 1) transfers between CB customers' accounts; 2) transfers from CB cutomers' accounts to RTGS accounts (including the account of the NCB); 3) transfers between CB customers' accounts and the account in HAM of the NCB.

This message will be replied by a Receipt message.

Non repudiation of emission (NRE) is supported.

<camt.050.001.xx>

Structure:

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification

<MsgId>

Message business identification

<Id>BBBBITRRXX</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>BBBBITRRXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>SACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>1234.56</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Account Identification Debit

<DbtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>BBBBITRRXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>CACC</Tp>

End of Account Identification Debit

</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

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Attributes:

name of attribute	format	short description	description
<LqdyCdtTfr>		Message name for LiquidityCreditTransfer Mandatory	Message name for LiquidityCreditTransfer Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. The first 16 characters must be unique (TRN) and consistent with "X SWIFT Character Set", including exceptions as per SWIFT "Message Format Validations Rules" related to field 20 and 21. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<CdtAcct>		Account Identification Credit Mandatory	Validation: [1..1]
<Id>		Identification Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the account to be credited. If the account to be credited belongs to a CB customer, the attribute contains not only the BIC of the CB customer but also the country code of the relevant CB for that account. In this case the format is: BIC (11x) followed by country code (2x). Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</Id>		End Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Type of the account to be credited. It can be: "CACC" (account in HAM) or "SACC" (RTGS account). Validation: [1..1]
</CdtAcct>		End of Account Identification Credit Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<TrfdAmt>		Amount Mandatory	Validation: [1..1]
<AmtWthtCcy>- </AmtWthtCcy>	14n	Amount without currency Mandatory	Amount . Validation: [1..1]
</TrfdAmt>		End of Transferred Amount Mandatory	Validation: [1..1]
<DbtAcct>		Account Identification Debit Mandatory	Validation: [1..1]
<Id>		Identification Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the account to be debited. If the account to be debited belongs to a CB customer, the attribute contains not only the BIC of the CB customer but also the country code of the relevant CB for that account. In this case the format is: BIC (11x) followed by country code (2x). Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</Id>		End Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Type of the account to be debited. It can be: "CACC" (account in HAM) or, only in case of cash withdrawals, "CASH" (account in HAM using the liquidity reserved for cash withdrawals). Validation: [1..1]
</DbtAcct>		End of Account Identification Debit Mandatory	Validation: [1..1]
</LqdyCdtTfr>		End message name LiquidityCreditTransfer Mandatory	End message name LiquidityCreditTransfer Validation: [1..1]

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM
3	868	C8	XI19	2868	Error Text: Invalid sending/receiving BIC Validation: Remark:
4	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
5	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Remark:
6	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
7	850	B0	XI00	2850	Error Text: Generic error Validation: Remark:
8	T13	I3	XI93	T013	Error Text: Invalid country code Validation: Remark:
9	T05	H5	XI85	T005	Error Text: Invalid combination of country codes Validation: Remark:
10	H14			H014	Error Text: Requested country code missing in input Validation: Remark:
11	H08			H008	Error Text: Requestor unknown Validation: Remark:
12	H07	M7		H007	Error Text: Account not open Validation:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Remark:

13	H02		XI04	H002	Error Text: Debit account not open Validation: Remark:
14	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

LiquidityCreditTransfer_HAM_1

Scope: Liquidity transfer from the HAM account (debtor) to the RTGS account (creditor) of the same participant.

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

M

Message Identification	<MsgId>
Message business identification	<Id>ABCDEFGHJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Type	<Tp>SACC</Tp>
End of Account Identification Credit	</CdtAcct>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Account Identification Debit	<DbtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Type	<Tp>CACC</Tp>
End of Account Identification Debit	</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

LiquidityCreditTransfer_HAM_2

Scope: Liquidity transfer from the HAM account (debtor) to another HAM account (creditor).

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

M

Message Identification

<MsgId>

Message business identification

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>CCCCITMMXXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>CACC</Tp>

Amount

<TrfdAmt>

End of Account Identification Credit

</CdtAcct>

Amount without currency

<AmtWthtCcy>1234.56</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Account Identification Debit

<DbtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>DDDDITRRXXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>CACC</Tp>

End of Account Identification Debit

</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

LiquidityCreditTransfer_HAM_3

Scope: Cash withdrawal operation: transfer from the HAM account of the participant (debtor) to the HAM account of the relevant NCB (creditor).

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

M

Message Identification	<MsgId>
Message business identification	<Id>ABCDEFGHJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BITAITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Type	<Tp>CACC</Tp>
End of Account Identification Credit	</CdtAcct>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Account Identification Debit	<DbtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Type	<Tp>CASH</Tp>
End of Account Identification Debit	</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

LiquidityCreditTransfer_HAM_4

Scope: Transfer between two CB Customers; the requestor is the NCB responsible for the CB Customer to be debited. The country code of the NCB responsible for the CB customer to be debited (AAAAPPZZXXX) is "IT" while the country code of the NCB responsible for the CB customer to be credited (BBBBGGRRXXX) is "DE".

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

M

Message Identification

<MsgId>

Message business identification

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>AAAAPPZZXXXDE</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>CACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>1234.56</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Account Identification Debit

<DbtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>BBBBGGRRXXXIT</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>CACC</Tp>

End of Account Identification Debit

</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

6. 7. 8 ModifyReservation

Cash Management Standard

ModifyReservation_HAM

Scope: The Modify Reservation Message is used by HAM account holders (or by Co-managers and NCBs on behalf of the HAM account holder) to modify the reservation for cash withdrawals (current or default). It is also used by NCBs to modify the value of the threshold for advice of investment for CB customers. This message will be replied by a Receipt message. Non repudiation of emission (NRE) is supported.

<camt.048.001.xx>

Structure:

Messsge name for ModifyReservation

Message Identification
Message business identification
End Message Identification
choice
CurrentReservationId
Type
BICIdentifier
End of CurrentReservationId
DefaultReservationId
Type
BICIdentifier
End of DefaultReservationId
End of choice
NewReservationValueSet
Start Date
Date
End of Start Date
Amount
Amount without currency
End of Amount
End of NewReservationValueSet

End of messsge name for ModifyReservation

<ModifyRsvatn>

<MsgId>
| <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
| </MsgId>
| xorCurRsvatnIdDfltRsvatnId
| <CurRsvatnId>
| <Tp>CARE</Tp>
| <AcctOwnr>BBBBJPJNXXX</AcctOwnr>
| </CurRsvatnId>
| <DfltRsvatnId>
| <Tp>CARE</Tp>
| <AcctOwnr>BBBBJPJNXXX</AcctOwnr>
| </DfltRsvatnId>
| /xorCurRsvatnIdDfltRsvatnId
| <NewRsvatnValSet>
| <StartDtTm>
| <Dt>2008-11-11</Dt>
| </StartDtTm>
| <Amt>
| <AmtWthtCcy>1234.56</AmtWthtCcy>
| </Amt>
| </NewRsvatnValSet>

</ModifyRsvatn>

M

M

Attributes:

name of attribute	format	short description	description
<ModifyRsvatn>		Messsge name for ModifyReservation Mandatory	Messsge name for ModifyReservation Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
xorCurRsvatnIdDfltRsvatnId		choice Mandatory	choice amongst CurRsvatnId and DfltRsvatnId Validation: [1..1]
<CurRsvatnId>		CurrentReservationId Mandatory	CurrentReservationIdentification <CurRsvatnId> and <DfltRsvatnId> are mutually exclusive. If <CurRsvatnId> is present, <DfltRsvatnId> must not be present, and viceversa. Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Specifies the type of limit. The only possible value is: "CARE" (Reservation for Cash Withdrawals). Validation: [1..1]
<AcctOwnr>-</AcctOwnr>		BICIdentifier Optional	Specifies the participant to which the reservation is referred. The attribute is mandatory when the requestor is the co-manager or the NCB of the participant. Validation: [0..1]
</CurRsvatnId>		End of CurrentReservationId Mandatory	End of CurrentReservationIdentification Validation: [1..1]
<DfltRsvatnId>		DefaultReservationId Mandatory	DefaultReservationIdentification <DfltRsvatnId> and <CurRsvatnId> are mutually exclusive. If <DfltRsvatnId> is present, <CurRsvatnId> must not be present, and viceversa. Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Specifies the type of limit. Possible values: "CARE" (Reservation for Cash Withdrawals) and "THRE" (Threshold for Advise of Investment). Validation: [1..1]
<AcctOwnr>-</AcctOwnr>		BICIdentifier	Specifies the participant to which the reservation is

name of attribute	format	short description	description
		Optional	referred. The attribute is mandatory when the requestor is the co-manager or the NCB of the participant. Validation: [0..1]
</DfltRsvatnId>		End of DefaultReservationId	End of DefaultReservationIdentification
		Mandatory	Validation: [1..1]
/xorCurRsvatnIdDfltRsvatnId		End of choice	end of choice amongst CurRsvatnId or DfltRsvatnId
		Mandatory	Validation: [1..1]
<NewRsvatnValSet>		NewReservationValueSet	NewReservationValueSet
		Mandatory	Validation: [1..1]
<StartDtTm>		Start Date	Start Date
		Optional	Validation: [0..1]
<Dt>-</Dt>	ISODate	Date	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Date at which the reservation becomes effective. The attribute is mandatory when the request is for modification of a current reservation
		Mandatory	Validation: [1..1]
</StartDtTm>		End of Start Date	End of Start Date
		Optional	Validation: [0..1]
<Amt>		Amount	
		Mandatory	Validation: [1..1]
<AmtWthtCcy>-</AmtWthtCcy>	14n	Amount without currency	Amount .
		Mandatory	Validation: [1..1]
</Amt>		End of Amount	
		Mandatory	Validation: [1..1]
</NewRsvatnValSet>		End of NewReservationValueSet	End of NewReservationValueSet
		Mandatory	Validation: [1..1]
</ModifyRsvatn>		End of messsge name for ModifyReservation Mandatory	End of messsge name for ModifyReservation Validation: [1..1]

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
2	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
3	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Remark:
4	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
5	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
6	H14			H014	Error Text: Requested country code missing in input Validation: Remark:
7	H12			H012	Error Text: Requested BIC missing in input Validation: Remark:
8	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
9	H08			H008	Error Text: Requestor unknown Validation: Remark:
10	H07	M7		H007	Error Text: Account not open Validation: Remark:
11	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
12	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

ModifyReservation_HAM_1

Scope: Request of modification of current reservation for cash withdrawals. The requestor is the account owner.

Messsge name for ModifyReservation

<ModfyRsvatn>

Message Identification

<MsgId>

Message business identification

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

End Message Identification

</MsgId>

CurrentReservationId

<CurRsvatnId>

Type

<Tp>CARE</Tp>

End of CurrentReservationId

</CurRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Start Date

<StartDtTm>

Date

<Dt>2008-09-11</Dt>

End of Start Date

</StartDtTm>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>1234.56</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModfyRsvatn>

ModifyReservation_HAM_2

Scope: Request of modification of threshold for advice of investment. The requestor is the NCB of the account owner.

Messsge name for ModifyReservation

<ModfyRsvatn>

Message Identification

<MsgId>

Message business identification

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

End Message Identification

</MsgId>

DefaultReservationId

<DfltRsvatnId>

Type

<Tp>THRE</Tp>

BICIdentifier

<AcctOwnr>BBBBJPJNXXX</AcctOwnr>

End of DefaultReservationId

</DfltRsvatnId>

NewReservationValueSet

<NewRsvatnValSet>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>1234.56</AmtWthtCcy>

End of Amount

</Amt>

End of NewReservationValueSet

</NewRsvatnValSet>

End of messsge name for ModifyReservation

</ModfyRsvatn>

6. 7. 9 ModifyStandingOrder

Cash Management Standard

ModifyStandingOrder_HAM

M

Scope: The Modify Standing Order Message is used by account holders in HAM (or by NCBs on behalf of the account holder) to modify the standing order for automatic liquidity transfers at start of day from HAM to RTGS account. This message will be replied by a Receipt Message. Non repudiation of emission (NRE) is supported.

<camt.024.001.xx>

Structure:

Message Type

Message Identification

Message business identification

End Message Identification

Standing Order Indicator

Account Identification

Simple Identification Information

Message business identification

End of simple Identification Information

End of Account Identification

End of Standing order Id

New Standing Order Value Set

Amount

Amount without currency

End of Amount

Frequency

End of Standing order details

End of Messagename for ModifyStandingOrder

<ModifyStgOrd>

<MsgId>

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

</MsgId>

<StgOrdId>

<AcctId>

<DmstAcct>

<Id>AAAAITBBXX</Id>

</DmstAcct>

</AcctId>

</StgOrdId>

<NewStgOrdValSet>

<Amt>

<AmtWthtCcy>1234.56</AmtWthtCcy>

</Amt>

<Frqcy>DAIL</Frqcy>

</NewStgOrdValSet>

</ModifyStgOrd>

M

M

Attributes:

name of attribute	format	short description	description
<ModifyStgOrdr>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<StgOrdrId>		Standing Order Indicator Mandatory	Validation: [1..1]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the participant to whom the standing order is referred. It must be valorised even in case it is the same BIC of the sender of the message. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
</StgOrdrId>		End of Standing order Id Mandatory	Validation: [1..1]
<NewStgOrdrValSet>		New Standing Order Value Set Mandatory	Validation: [1..1]
<Amt>		Amount Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<AmtWthtCcy>- </AmtWthtCcy>	14n	Amount without currency	Amount . If the value is >=999999999999.00the amount of the transfer will be the whole balance of the account. If the value is <999999999999.00the amount of the transfer will be the specified value, if available (nothing if not available).
		Mandatory	Validation: [1..1]
</Amt>		End of Amount	
		Mandatory	Validation: [1..1]
<Frqcy>-</Frqcy>	4x	Frequency	It must be "DAIL".
		Mandatory	Validation: [1..1]
</NewStgOrdrValSet>		End of Standing order details	
		Mandatory	Validation: [1..1]
</ModfyStgOrdr>		End of Messagename for ModifyStandingOrder	
		Mandatory	Validation: [1..1]

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
2	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
3	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
4	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
5	H12			H012	Error Text: Requested BIC missing in input Validation: Remark:
6	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
7	H08			H008	Error Text: Requestor unknown Validation: Remark:
8	H07	M7		H007	Error Text: Account not open Validation: Remark:
9	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
10	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

ModifyStandingOrder_HAM_1

Scope: Request for modification of the standing order for liquidity transfers from HAM to RTGS account. The requestor is the account owner.

Message Type

Message Identification	<MsgId>
Message business identification	<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
Standing Order Indicator	<StgOrdId>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
End of Standing order Id	</StgOrdId>
New Standing Order Value Set	<NewStgOrdValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End of Amount	</Amt>
Frequency	<Frqcy>DAIL</Frqcy>
End of Standing order details	</NewStgOrdValSet>
End of Messagename for ModifyStandingOrder	</ModifyStgOrd>

M

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ModifyStandingOrder_HAM_2

Scope: Request for modification of the standing order for liquidity transfers from HAM to RTGS account: the amount of the standing order is set equal to the whole balance of the HAM account. The requestor is the NCB of the account owner.

Message Type

Message Identification	<MsgId>
Message business identification	<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
Standing Order Indicator	<StgOrdId>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>TTTTITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
End of Standing order Id	</StgOrdId>
New Standing Order Value Set	<NewStgOrdValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy> 999999999999.00</AmtWthtCcy>
End of Amount	</Amt>
Frequency	<Frqcy>DAIL</Frqcy>
End of Standing order details	</NewStgOrdValSet>
End of Messagename for ModifyStandingOrder	</ModfyStgOrd>

M

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6. 7.10 ModifyTransaction (for CBs only)

Cash Management Standard

ModifyTransaction_ HAM

Scope: The Modify Transaction Message is used by NCBs to change (on behalf of the account holder) the order of transactions pending in the queue. This message will be replied by a Receipt Message. Non repudiation of emission (NRE) is supported.

<camt.007.001.xx>

Structure:

Message name for ModifyTransaction

Message Identification

Message business identification

End Message Identification

Modification

Instruction Reference

Choice

Short Business Identification

Payment Instruction Reference

InterbankValueDate

Instructing Agent Identification

End ShortBusinessIdentification

Proprietary Reference

End of choice

End of InstructionReference

New Payment Value Set

Priority

Proprietary Code

End Priority

End of NewPaymentValueSet

End of Modification

End of Message name for ModifyTransaction

<ModifyTx>

<MsgId>

<Id>HACDEFGHIL1234567890ABCDEFGHIL12345</Id>

</MsgId>

<Mod>

<InstrRef>

xorShrtBizIdPrtryRef

<ShrtBizId>

<PmtInstrRef>ABCDEFHIL123456</PmtInstrRef>

<IntrBkValDt>2008-09-12</IntrBkValDt>

<InstgAgtId>BBBBITRRXXX</InstgAgtId>

</ShrtBizId>

<PrtryRef>ABCDEFHIL1234567890ABCDEFHIL1234567890

/xorShrtBizIdPrtryRef

</InstrRef>

<NewPmtValSet>

<Prty>

<PrtryCd>INCR</PrtryCd>

</Prty>

</NewPmtValSet>

</Mod>

</ModifyTx>

M

A

A

M

Attributes:

name of attribute	format	short description	description	
<ModfyTx>		Message name for ModifyTransaction Mandatory	Message name for ModifyTransaction Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<Mod>		Modification Mandatory	This element contains both the InstructionReference and the NewPaymentValueSet, used for the modification of the transaction. Validation: *****[1..1] differs from the cash management standard. SSP currently supports only one payment modification per request.	A
<InstrRef>		Instruction Reference Mandatory	Validation: [1..1]	
xorShrtBizIdPrtryRef		Choice Mandatory	Choice amongst ShrtBizId or PrtryRef Validation: [1..1]	
<ShrtBizId>		Short Business Identification Mandatory	Validation: [1..1]	
<PmtInstrRef>-</PmtInstrRef>	35x	Payment Instruction Reference Mandatory	TRN of the original payment instruction. If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtd> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer Identifier) is not allowed. Validation: [1..1]	
<IntrBkValDt>-</IntrBkValDt>		InterbankValueDate Mandatory	Settlement date (yyyy-mm-dd). If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtd> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer Identifier) is not allowed. Validation: [1..1]	
<InstgAgtd>-</InstgAgtd>	11x	Instructing Agent Identification Mandatory	BIC of the instructing agent (sender of the transaction instruction). If present, all <PmtInstrRef>, <IntrBkValDt> and <InstgAgtd> must be present (HAM business identifier). If present, <PrtryRef> (Internal transfer Identifier) is not allowed. Validation:	

name of attribute	format	short description	description
[1..1]			
</ShrtBizId>		End ShortBusinessIdentification Mandatory	Validation: [1..1]
<PrtryRef>-</PrtryRef>	43x	Proprietary Reference Mandatory	Internal transfer identifier. Unique and unambiguous identifier of a transaction, generated by HAM. If present, <PmtInstrRef>, <IntrBkValDt> and <InstgAgtId> (HAM business identifier) are not allowed. Validation: [1..1]
/xorShrtBizIdPrtryRef		End of choice Mandatory	Validation: [1..1]
</InstrRef>		End of InstructionReference Mandatory	Validation: [1..1]
<NewPmtValSet>		New Payment Value Set Mandatory	Validation: [1..1]
<Prty>		Priority Mandatory	Validation: [1..1]
<PrtryCd>-</PrtryCd>	4x	Proprietary Code Mandatory	It can be: "INCR" (increase order in the queue) or "DECR" (decrease order in the queue). Validation: [1..1]
</Prty>		End Priority Mandatory	Validation: [1..1]
</NewPmtValSet>		End of NewPaymentValueSet Mandatory	Validation: [1..1]
</Mod>		End of Modification Mandatory	Validation: *****[1..1] differs from the cash management standard
</ModifyTx>		End of Messagename for ModifyTransaction Mandatory	Validation: [1..1]

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM
3	868	C8	XI19	2868	Error Text: Invalid sending/receiving BIC Validation: Remark:
4	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
5	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
6	H10	M1		H010	Error Text: Data not found (request data doesn't exist) Validation: Remark:
7	H08			H008	Error Text: Requestor unknown Validation: Remark:
8	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

ModifyTransaction_HAM_1

Scope: Request of increasing the order in the queue of a transaction identified through an Internal Transfer Identifier.

MessageName for ModifyTransaction

<ModifyTx>

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Message Identification

<MsgId>

Message business identification

<Id>HACDEFGHIL1234567890ABCDEFGHIL12345</Id>

End Message Identification

</MsgId>

Modification

<Mod>

A

Instruction Reference

<InstrRef>

Proprietary Reference

<PrtryRef>ABCDEFGHIL1234567890ABCDEFGHIL1234567890ABC</PrtryRef>

End of InstructionReference

</InstrRef>

New Payment Value Set

<NewPmtValSet>

Priority

<Prty>

Proprietary Code

<PrtryCd>INCR</PrtryCd>

End Priority

</Prty>

End of NewPaymentValueSet

</NewPmtValSet>

End of Modification

</Mod>

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End of MessageName for ModifyTransaction

</ModifyTx>

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ModifyTransaction_HAM_2

Scope: Request of increasing the order in the queue of a transaction identified through an HAM Business Identifier.

MessageName for ModifyTransaction

Message Identification

Message business identification

End Message Identification

Modification

Instruction Reference

Short Business Identification

Payment Instruction Reference

InterbankValueDate

Instucting Agent Identification

End ShortBusinessIdentification

End of InstructionReference

New Payment Value Set

Priority

Proprietary Code

End Priority

End of NewPaymentValueSet

End of Modification

End of MessageName for ModifyTransaction

<ModifyTx>

<MsgId>

<Id>HACDEFGHIL1234567890ABCDEFGHIL12345</Id>

</MsgId>

<Mod>

<InstrRef>

<ShrtBizId>

<PmtInstrRef>ABCDEFHIL123456</PmtInstrRef>

<IntrBkValDt>2008-09-12</IntrBkValDt>

<InstgAgtId>BBBBITRRXXX</InstgAgtId>

</ShrtBizId>

</InstrRef>

<NewPmtValSet>

<Prty>

<PrtryCd>INCR</PrtryCd>

</Prty>

</NewPmtValSet>

</Mod>

</ModifyTx>

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6. 7.11 ReportOnInterests (for CBs only)

SSP Proprietary Messages

ReportOnInterests _HAM

Scope: The Report On Interests File is used to send to NCBs, in push mode (FileAct), information about the amount of interests calculated.

<camt.998.001.xx>

Structure:

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>-</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Type	<Tp>ReportOnInterests</Tp>
SSP Proprietary Data	<SspPrtryDt>
Country Code	<Ctry>DE</Ctry>
SettlementDate	<RptValDt>2007-06-30</RptValDt>
Number of Items	<NbOfItms>3</NbOfItms>
Total Number of Items	<TotNbOfItms>3</TotNbOfItms>
Interest report	<IntrstRpt>
Account Identification Debit	<DbtAcct>
BIC	<BIC>DDDDITBBXXX</BIC>
End of Account Identification Debit	</DbtAcct>
Account Identification Credit	<CdtAcct>
BIC	<BIC>DDDDITBBXXX</BIC>
End of Account Identification Credit	</CdtAcct>
SettlementDate	<PrcgVldtyDt>2007-07-02</PrcgVldtyDt>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>100.05</AmtWthtCcy>
End of Amount	</Amt>
End Interest report	</IntrstRpt>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
	</camt.998.001.01>

Attributes:

name of attribute	format	short description	description
<PrtryMsg>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Ref>-</Ref>	35x	Reference Mandatory	The reference of the original message, in case this is a duplicate. String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<PrtryDt>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It will be: "ReportOnInterests". Validation: [1..1]
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]
<Ctry>-</Ctry>	21a	Country Code Mandatory	Country Code Validation: [1..1]
<RptValDt>-</RptValDt>	Date	SettlementDate Mandatory	Report Validity date (date of creation of the report) (yyyy-mm-dd). Validation: [1..1]
<NbOfItms>-</NbOfItms>	18n	Number of Items Mandatory	Progressive number of the file (each report can be composed of more than one file) (18.0). Validation: [1..1]
<TotNbOfItms>-</TotNbOfItms>	18n	Total Number of Items Mandatory	Total number of files which form a single report (18.0). Validation: [1..1]
<IntrstRpt>		Interest report Mandatory	Validation: [1..n]
<DbtAcct>		Account Identification Debit	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	BIC identifier of the account to be debited.
		Mandatory	Validation: [1..1]
</DbtAcct>		End of Account Identification Debit	
		Mandatory	Validation: [1..1]
<CdtAcct>		Account Identification Credit	
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	BIC identifier of the account to be credited.
		Mandatory	Validation: [1..1]
</CdtAcct>		End of Account Identification Credit	
		Mandatory	Validation: [1..1]
<PrgVldtyDt>-</PrgVldtyDt>	Date	SettlementDate	Interests settlement date (yyyy-mm-dd).
		Mandatory	Validation: [1..1]
<Amt>		Amount	
		Mandatory	Validation: [1..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	Amount to be credited/debited .
		Mandatory	Validation: [1..1]
</Amt>		End of Amount	
		Mandatory	Validation: [1..1]
</IntrstRpt>		End Interest report	
		Mandatory	Validation: [1..n]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryDt>		End of Proprietary Data	
		Mandatory	Validation: [1..1]
</PrtryMsg>			
		Mandatory	Validation: [1..1]

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Error Codes:

ReportOnInterests _HAM_1

Scope: Report on interests (last file of the report; whole report composed by 3 files).

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>HACDEFGHIJKLMNOPQRST123456789012345</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Type	<Tp>ReportOnInterests</Tp>
SSP Proprietary Data	<SspPrtryDt>
Country Code	<Ctry>DE</Ctry>
SettlementDate	<RptValDt>2007-06-30</RptValDt>
Number of Items	<NbOfItms>3</NbOfItms>
Total Number of Items	<TotNbOfItms>3</TotNbOfItms>
Interest report	<IntrstRpt>
Account Identification Debit	<DbtAcct>
BIC	<BIC>BITAITRRXXX</BIC>
End of Account Identification Debit	</DbtAcct>
Account Identification Credit	<CdtAcct>
BIC	<BIC>AAAAITBBXXX</BIC>
End of Account Identification Credit	</CdtAcct>
SettlementDate	<PrcgVldtyDt>2007-07-02</PrcgVldtyDt>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>100.05</AmtWthtCcy>
End of Amount	</Amt>
End Interest report	</IntrstRpt>
Interest report	<IntrstRpt>
Account Identification Debit	<DbtAcct>
BIC	<BIC>BITAITRRXXX</BIC>
End of Account Identification Debit	</DbtAcct>
Account Identification Credit	<CdtAcct>
BIC	<BIC>DDDDITBBXXX</BIC>
End of Account Identification Credit	</CdtAcct>
SettlementDate	<PrcgVldtyDt>2007-07-02</PrcgVldtyDt>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>500.01</AmtWthtCcy>
End of Amount	</Amt>
End Interest report	</IntrstRpt>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
	</camt.998.001.01>

6. 7.12 ReturnAccount

Cash Management Standard

ReturnAccount_HAM

Scope: The Return Account Message is used to return information about the balance of an account in HAM ("HAM account" or "CB customer account"). The message is also used to return information about the value of the standing order for automatic liquidity transfers from HAM to RTGS account. The connected request is performed through a Get Account Message

<camt.004.001.xx>

Structure:

Message Type

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>HACDEFGHIJKLMNOPQRST123456789012345</QryRe
End of Query Reference	</BizQryRef>
Choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BBBBITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>CACC</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>OPNG</Cd>
End balance type choice	</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2008-09-12T15:29:00+01:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
Standing Order	<StgOrdr>
Amount	<Amt>
Amount without currency	AmtWthtCcy>1111.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
End of Standing Order	</StgOrdr>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
Operational Error	<OprlErr>
Error handling	<Err>
Proprietary error code	<Prtry>ABC9</Prtry>
End error handling	</Err>
Description	<Desc>error description</Desc>

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End of Operational Error
End of choice
End of Message Type

</OprlErr>
/xorBizRptOprErr
</RtrAcct>

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Attributes:

name of attribute	format	short description	description
<RtrAcct>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Choice amongst BizRpt and OprlErr Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport Mandatory	Validation: [1..n]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	BIC identifier of the participant to whom data provided are referred Validation: [1..1]
</DmstAcct>		End of simple Identification	

name of attribute	format	short description	description
		Information Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Optional	It will be: "CACC" (current account). Validation: [0..1]
<MulBal>		MultilateralBalance Optional	Validation: [0..n]
<Amt>-</Amt>	18d	Amount Mandatory	Amount . Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Debit credit indicator. It will be: "CRDT" (credit) or "DBIT" (debit). Validation: [1..1]
<Tp>		Balance Type choice Mandatory	Balance type. It can be: "OPNG" (opening balance) or "CRRT" (current balance). Special case: if the account is no more active, but a balance greater than zero is still present, it will be "CLSG" (closing balance). Validation: [1..1]
<Cd>		BalanceTypeCode	Specifies the nature of the balance, eg, opening balance. ADJT= Adjustment Balance to be held in the settlement account in order to comply with the average reserve due, in the event that the bank's balance is equal to the reserve due during the remaining days of the maintenance period. AVLB = Available Balance of money or securities that is at the disposal of the account owner on the date specified. BLCK = Blocked Balance representing the regulatory reserve that a financial institution must have with the account servicing institution, eg, the minimum credit balance a financial institution is to keep with ist Central Bank for mandatory reserve purposes. In some countries, a blocked balance is known as a 'reserve' balance. BOOK = Book Balance that is registered in the books of the account servicer. CLSG = Closing Balance of the account at the end of the account servicer's business day. It is the sum of the opening balance at the beginning of the day and all entries booked to the account during the account servicer's business day.

name of attribute	format	short description	description
			<p>CRDT = Credit Balance representing the sum of all credit entries booked to an account.</p> <p>CRRT = Current Balance of the account at a precise moment in time.</p> <p>DBIT = Debit Balance representing the sum of all debit entries booked to an account.</p> <p>DLOD = DaylightOverdraft Balance representing the intra day overdraft granted by the Central Bank to financial institutions participating in a RTGS system. This balance may vary over time and shall be offset at the end of the day.</p> <p>EAST = EligibleAssets Balance representing the potential loan a Central Bank would make in cash if the collateral is pledged, eg, securities available and eligible as collateral with the Central Bank.</p> <p>INTM = Interim Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day. The interim balance is calculated on the basis of booked credit and debit items during the calculation time/period specified.</p> <p>LRLD = LimitRelated Balance of a specific limit value, eg, a bilateral balance is calculated in relation to a given bilateral limit.</p> <p>LTSF= LiquidityTransfer Balance composed of the sum of all liquidity transfers made to or from an account.</p> <p>OPNG = Opening Book balance of the account at the beginning of the account servicer's business day. It always equals the closing book balance from the previous business day. Note: the available balance at the beginning of the account servicer's business day may be different from the closing book balance from the previous business day.</p> <p>PDNG = Pending Balance of securities pending delivery, eg, orders to sell securities have been executed but settlement of the open transactions has not been confirmed.</p> <p>PRAV = ProgressiveAverage Average of the daily balances on the account used to fulfil the reserve requirements calculated from the beginning of the maintenance period.</p> <p>PYMT = Payment Balance representing the sum of entries as a result of payments processing. Entries relating to fees, interest, or other movements not a result of payments sent or received by the account owner are not included.</p> <p>XCRD = ExpectedCredit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day credit balance if everything books to the account and no other credit entry is posted.</p> <p>XDBT = ExpectedDebit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day debit balance if everything books to the account and no other debit entry is posted.</p> <p>XPCD = Expected Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day balance if everything is booked on the account and no other entry is posted.</p>

name of attribute	format	short description	description
			<p>*****NOTE = Noted Balance</p> <p>Balance representing the amount that a financial institution has set aside for a specific reason and which is therefore not available</p> <p>Balance type. It can be: "OPNG" (opening balance) or "CRRT" (current balance). Special case: if the account is no more active, but a balance greater than zero is still present, it will be "CLSG" (closing balance).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</Tp>		End balance type choice	<p>Mandatory</p> <p>Validation: [1..1]</p>
<ValDt>		Value Date	<p>Optional</p> <p>Validation: [0..1]</p>
<DtTm>-</DtTm>	DateTime	Date Time	<p>Date and time of response (with UTC shift) (yyyy-mm-ddThh-mm-ss+ii:nn).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</ValDt>		End Value Date	<p>Optional</p> <p>Validation: [0..1]</p>
</MulBal>		End of MultilateralBalance	<p>Optional</p> <p>Validation: [0..n]</p>
<StgOrd>		Standing Order	<p>Optional</p> <p>Validation: [0..n]</p>
<Amt>		Amount	<p>Mandatory</p> <p>Validation: [1..1]</p>
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	<p>Standing Order amount . If the value is >=99999999999.00the amount of the transfer will be the whole balance of the HAM account. If the value is <99999999999.00the amount of the transfer will be the specified value, if available (nothing if not available).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</Amt>		End of Amount	<p>Mandatory</p> <p>Validation: [1..1]</p>
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	<p>Debit credit indicator. It will be: "CRDT" (credit).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</StgOrd>		End of Standing Order	<p>Optional</p> <p>Validation: [0..n]</p>

name of attribute	format	short description	description	
</Acct>		End of Account Mandatory	Validation: [1..1]	
</AcctRpt>		End of AccountReport Mandatory	Validation: [1..n]	
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..1]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]	
</RtrAcct>		End of Message Type Mandatory	Validation: [1..1]	M

Error Codes:

ReturnAccount_HAM_1

Scope: A response to a request of information about account balance (see example 1 Get Account).

Message Type

Message Identification	<MsgId>	
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>HACDEFGHIJKLMNOPQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Identification	<Id>BBBBITRRXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>OPNG</Cd>	M
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+01:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1255.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRRT</Cd>	M
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+01:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
End of Message Type	</RtrAcct>	M

ReturnAccount_HAM_2

Scope: A response to a request of information about account balance. Requestor is the co-manager of the account holder (see example 2 Get Account).

Message Type

Message Identification	<MsgId>	
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>HACDEFGHIJKLMNOPQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Identification	<Id>BBBBITRRXXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>OPNG</Cd>	M
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+01:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1255.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
Balance Type choice	<Tp>	A
BalanceTypeCode	<Cd>CRRT</Cd>	M
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+01:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
End of Message Type	</RtrAcct>	M

ReturnAccount_HAM_3

Scope: A response to a request of information about the value of the standing order for liquidity transfers from HAM to RTGS account (see example 3 Get Account).

Message Type

Message Identification	<MsgId>
Message business identification	<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BBBBTRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>CACC</Tp>
Standing Order	<StgOrd>
Amount	<Amt>
Amount without currency	AmtWthtCcy>1111.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
End of Standing Order	</StgOrd>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End of Message Type	</RtrAcct>

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6. 7.13 ReturnBusinessDayInformation

Cash Management Standard

ReturnBusinessDayInformation_HAM

Scope: The Return Business Day Information Message is used to return information about the status of the HAM system and the events planned during the HAM operational day. The connected request is performed through a Get Business Day Information Message

<camt.019.001.xx>

Structure:

Message name for ReturnBusinessDayInformation

<RtrBizDayInf>

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>HACDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
Choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>GR</Ctry>
End of SystemIdentification	</SysId>
Business Day Information	<BizDayInf>
System Status	<SysSts>
broadcast status	<Sts>ACTV</Sts>
Validity Time	<VldtyTm>
From Date Time	<FrDtTm>2008-09-12T11:29:00+01:00</FrDtTm>
End Validity Time	</VldtyTm>
End System Status	</SysSts>
System Information Per Currency	<SysInfPerCcy>
CurrencyCode	<SysCcy>EUR</SysCcy>
Session Period	<SsnPrd>
From Time	<FrTm>05:00:00+01:00</FrTm>
DateTime	<ToTm>22:30:00+01:00</ToTm>
End SessionPeriod	</SsnPrd>
Event	<Evt>
BalanceTypeCode	<Tp>
Event Code	<Cd>ESTF</Cd>
End of SystemEventTypeChoice	</Tp>
Scheduled event time	<SchldTm>2008-09-12T12:00:00+01:00</SchldTm>
EffectiveTime	<FctvTm>2008-09-12T07:00:05+01:00</FctvTm>
End of Event	</Evt>
End of SystemInformationPerCurrency	</SysInfPerCcy>
End Business Day Information	</BizDayInf>
End Business Day Information Report	</BizDayInfRpt>
End of BusinessReport	</BizRpt>
Operational Error	<OprlErr>
Error handling	<Err>
Proprietary error code	<Prtry>ABC9</Prtry>
End error handling	</Err>
Description	<Desc>error description</Desc>

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End of Operational Error

End of choice

End Message Type

</OpriErr>

/xorBizRptOpriErr

</RtrBizDayInf>

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Attributes:

name of attribute	format	short description	description
<RtrBizDayInf>		Message name for ReturnBusinessDayInformation Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Choice amongst BizRpt and OprlErr Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<BizDayInfRpt>		BusinessDayInformationReport Mandatory	Validation: [1..n]
<SysId>		SystemIdentification Mandatory	Validation: [1..1]
<Ctry>-</Ctry>	2!a	Country Code Mandatory	It contains the country code of the country whom data are referred. Validation: [1..1]
</SysId>		End of SystemIdentification Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<BizDayInf>		Business Day Information	
		Mandatory	Validation: [1..1]
<SysSts>		System Status	
		Optional	Validation: [0..1]
<Sts>-</Sts>		broadcast status	Status of the system. It can be: "ACTV" (active) if start of day already occurred or end of day not yet occurred; "CLSD" (closed) if start of day not yet occurred or end of day already occurred.
		Mandatory	Validation: [1..1]
<VldtyTm>		Validity Time	
		Optional	Validation: [0..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time	Current HAM date and time (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
</VldtyTm>		End Validity Time	
		Optional	Validation: [0..1]
</SysSts>		End System Status	
		Optional	Validation: [0..1]
<SysInfPerCcy>		System Information Per Currency	
		Optional	Validation: [0..n]
<SysCcy>-</SysCcy>	3x	CurrencyCode	Currency Code (EUR).
		Mandatory	Validation: [1..1]
<SsnPrd>		Session Period	
		Optional	Validation: [0..1]
<FrTm>-</FrTm>	ISOTime	From Time	Start time of the HAM System (with UTC shift) (hh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
<ToTm>-</ToTm>	DateTime	DateTime	End time of the HAM System (with UTC shift) (hh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
</SsnPrd>		End SessionPeriod	
		Optional	Validation: [0..1]

name of attribute	format	short description	description
<Evt>		Event	
		Mandatory	Validation: [5..5]
<Tp>		BalanceTypeCode	
		Mandatory	Validation: [1..1]
<Cd>-</Cd>	4x	Event Code	Event code. It can be: "STDY" (Start of Day); "CRCO" (Cash Reservation Cutoff); "CUSC" (Customer Cutoff); "IBKC" (Interbank Cutoff); "ESTF" (Standing Facilities Cutoff).
		Mandatory	Validation: [1..1]
</Tp>		End of SystemEventTypeChoice	
		Mandatory	Validation: [1..1]
<SchlddTm>-</SchlddTm>	DateTime	Scheduled event time	Scheduled event time (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
<FctvTm>-</FctvTm>	ISODateTime	EffectiveTime	Actual event time (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn). Not present if the event not yet occurred.
		Optional	Validation: [0..1]
</Evt>		End of Event	
		Mandatory	Validation: [5..5]
</SysInfPerCcy>		End of SystemInformationPerCurrency	
		Optional	Validation: [0..n]
</BizDayInf>		End Business Day Information	
		Mandatory	Validation: [1..1]
</BizDayInfRpt>		End Business Day Information Report	
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	
		Mandatory	Validation: [1..1]
<OprlErr>		Operational Error	
		Mandatory	Validation: [1..1]
<Err>		Error handling	
		Mandatory	Validation:

name of attribute	format	short description	description	
			[1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation: [1..1]	
</Err>		End error handling		A
		Mandatory	Validation: [1..1]	
			Validation:	D
<Desc>-</Desc>	140x	Description	Error description	
		Optional	Validation: [0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation: [1..1]	
/xorBizRptOprlErr		End of choice		
		Mandatory	Validation: [1..1]	
</RtrBizDayInf>		End Message Type		M
		Mandatory	Validation: [1..1]	

Error Codes:

ReturnBusinessDayInformation_HAM_1

Scope: Return information about the status of the HAM system and events during the HAM operational day (see GetBusinessDayInformation example 1).

Message name for ReturnBusinessDayInformation <RtrBizDayInf>

M

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>HACDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>GR</Ctry>
End of SystemIdentification	</SysId>
Business Day Information	<BizDayInf>
System Status	<SysSts>
broadcast status	<Sts>ACTV</Sts>
Validity Time	<VldtyTm>
From Date Time	<FrDtTm>2008-09-12T11:29:00+01:00</FrDtTm>
End Validity Time	</VldtyTm>
End System Status	</SysSts>
System Information Per Currency	<SysInfPerCcy>
CurrencyCode	<SysCcy>EUR</SysCcy>
Session Period	<SsnPrd>
From Time	<FrTm>05:00:00</FrTm>
DateTime	<ToTm>22:30:00</ToTm>
End SessionPeriod	</SsnPrd>
Event	<Evt>
BalanceTypeCode	<Tp>
Event Code	<Cd>STDY</Cd>
End of SystemEventTypeChoice	</Tp>
Scheduled event time	<SchdldTm>2008-09-12T07:00:00+01:00</SchdldTm>
EffectiveTime	<FctvTm>2008-09-12T07:00:05+01:00</FctvTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
Event Code	<Cd>CRCO</Cd>
End of SystemEventTypeChoice	</Tp>
Scheduled event time	<SchdldTm>2008-09-12T12:00:00+01:00</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
Event Code	<Cd>CUSC</Cd>
End of SystemEventTypeChoice	</Tp>
Scheduled event time	<SchdldTm>2008-09-12T17:00:00+01:00</SchdldTm>
End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
Event Code	<Cd>IBKC</Cd>
End of SystemEventTypeChoice	</Tp>
Scheduled event time	<SchdldTm>2008-09-12T18:00:00+01:00</SchdldTm>

End of Event	</Evt>
Event	<Evt>
BalanceTypeCode	<Tp>
Event Code	<Cd>ESTF</Cd>
End of SystemEventTypeChoice	</Tp>
Scheduled event time	<SchlddTm>2008-09-12T18:30:00+01:00</SchlddTm>
End of Event	</Evt>
End of SystemInformationPerCurrency	</SysInfPerCcy>
End Business Day Information	</BizDayInf>
End Business Day Information Report	</BizDayInfRpt>
End of BusinessReport	</BizRpt>
End Message Type	</RtrBizDayInf>

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6. 7.14 ReturnReservation

Cash Management Standard

ReturnReservation_HAM

Scope: The Return Reservation Message is used to return information about the reservation for cash withdrawals (current or default) or about the value of the threshold for advice of investment. The connected request is performed through a Get Reservation Message.

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Structure:

Message name for ReturnReservation

Message Identification

Message business identification

End Message Identification

BusinessQueryReference

QueryReference

End of Query Reference

Choice

BusinessReport

CurrentReservation

Reservationidentification

Type

BICIdentifier

End of Reservationidentification

Reservation

Amount

Amount without currency

End of Amount

Start Date

Date

End of Start Date

End of Reservation

End of CurrentReservation

DefaultReservation

Reservationidentification

Type

BICIdentifier

End of Reservationidentification

Reservation

Amount

Amount without currency

End of Amount

End of Reservation

End of DefaultReservation

End of BusinessReport

Operational Error

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

<RtrRsvatn>

<MsgId>

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

</MsgId>

<BizQryRef>

<QryRef>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</QryRe

</BizQryRef>

xorBizRptOprlErr

<BizRpt>

<CurRsvatn>

<RsvatnId>

<Tp>CARE</Tp>

<AcctOwnr>BBBBJPJNXXX</AcctOwnr>

</RsvatnId>

<Rsvatn>

<Amt>

<AmtWthtCcy>1234.56</AmtWthtCcy>

</Amt>

<StartDtTm>

<Dt>2008-09-11+01:00</Dt>

</StartDtTm>

</Rsvatn>

</CurRsvatn>

<DfltRsvatn>

<RsvatnId>

<Tp>CARE</Tp>

<AcctOwnr>BBBBJPJNXXX</AcctOwnr>

</RsvatnId>

</Rsvatn>

<Amt>

<AmtWthtCcy>1234.56</AmtWthtCcy>

</Amt>

</Rsvatn>

</DfltRsvatn>

</BizRpt>

<OprlErr>

<Err>

<Prtry>ABC9</Prtry>

</Err>

<Desc>error description</Desc>

</OprlErr>

/xorBizRptOprErr

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Attributes:

name of attribute	format	short description	description
<RtrRsvatn>		Message name for ReturnReservation Mandatory	Message name for ReturnReservation Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Choice amongst BizRpt and OprlErr Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<CurRsvatn>		CurrentReservation Optional	CurrentReservation When a current reservation is requested, the data provided are related to the current date and to all the future dates for which a current reservation exists. Validation: [0..n]
<RsvatnId>		Reservationidentification Mandatory	Reservationidentification Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Specifies the type of reservation. It will be: "CARE" (Reservation for Cash Withdrawals). Validation: [1..1]
<AcctOwnr>-</AcctOwnr>		BICIdentifier	Specifies the participant to which the reservation is referred.

name of attribute	format	short description	description
		Optional	Validation: [0..1]
</RsvatnId>		End of Reservationidentification Mandatory	end of Reservationidentification Validation: [1..1]
<Rsvatn>		Reservation Mandatory	Reservation Validation: [1..1]
<Amt>		Amount Mandatory	Validation: [1..1]
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency Mandatory	Reservation Amount . Validation: [1..1]
</Amt>		End of Amount Mandatory	Validation: [1..1]
<StartDtTm>		Start Date Optional	Start Date Validation: [0..1]
<Dt>-</Dt>	ISODate	Date Mandatory	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). Date at which the reservation becomes effective (with UTC shift) (yyyy-mm-dd+ii:nn). Validation: [1..1]
</StartDtTm>		End of Start Date Optional	End of Start Date Validation: [0..1]
</Rsvatn>		End of Reservation Mandatory	end of Reservation Validation: [1..1]
</CurRsvatn>		End of CurrentReservation Optional	end of CurrentReservation Validation: [0..n]
<DfltRsvatn>		DefaultReservation Optional	DefaultReservation Container for Default Reservation. Validation: [0..n]
<RsvatnId>		Reservationidentification Mandatory	Reservationidentification Validation: [1..1]
<Tp>-</Tp>	35x	Type	Specifies the type of reservation. Possible values are: “

name of attribute	format	short description	description
		Mandatory	CARE" (Reservation for Cash Withdrawals) and "THRE" (Threshold for Advise of Investment). Validation: [1..1]
<AcctOwnr>-</AcctOwnr>		BICIdentifier	Specifies the participant to which the reservation is referred.
		Optional	Validation: [0..1]
</RsvatnId>		End of Reservationidentification Mandatory	end of Reservationidentification Validation: [1..1]
<Rsvatn>		Reservation Mandatory	Reservation Validation: [1..1]
<Amt>		Amount Mandatory	Validation: [1..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency Mandatory	Reservation Amount . Validation: [1..1]
</Amt>		End of Amount Mandatory	Validation: [1..1]
</Rsvatn>		End of Reservation Mandatory	end of Reservation Validation: [1..1]
</DfltRsvatn>		End of DefaultReservation Optional	end of DefaultReservation Validation: [0..n]
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..1]
<OprlErr>		Operational Error Mandatory	Validation: [1..1]
<Err>		Error handling Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]
</Err>		End error handling Mandatory	Validation:

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name of attribute	format	short description	description	
				D
				Validation:
<Desc>-</Desc>	140x	Description	Error description	
		Optional	Validation:	
			[0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation:	
			[1..1]	
/xorBizRptOprlErr		End of choice		
		Mandatory	Validation:	
			[1..1]	
</RtrRsvatn>		End of message name for ReturnReservation	end of message name for ReturnReservation	M
		Mandatory	Validation:	
			[1..1]	

Error Codes:

ReturnReservation_HAM_1

Scope: Return information about threshold for advice of investment (see Example 1 Get Reservation).

Message name for ReturnReservation

Message Identification

Message business identification

End Message Identification

BusinessQueryReference

QueryReference

End of Query Reference

BusinessReport

DefaultReservation

Reservationidentification

Type

BICIdentifier

End of Reservationidentification

Reservation

Amount

Amount without currency

End of Amount

End of Reservation

End of DefaultReservation

End of BusinessReport

End of message name for ReturnReservation

<RtrRsvatn>

<MsgId>

<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>

</MsgId>

<BizQryRef>

<QryRef>ABCDEFGHIJKLMNQRST123456789012345</QryRef>

</BizQryRef>

<BizRpt>

<DfltRsvatn>

<RsvatnId>

<Tp>THRE</Tp>

<AcctOwnr>BBBBJPJNXXX</AcctOwnr>

</RsvatnId>

<Rsvatn>

<Amt>

<AmtWthtCcy>1234.56</AmtWthtCcy>

</Amt>

</Rsvatn>

</DfltRsvatn>

</BizRpt>

</RtrRsvatn>

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ReturnReservation_HAM_2

Scope: Return information about current reservation for cash withdrawals (see Example 2 Get Reservation).

Message name for ReturnReservation

Message Identification
Message business identification
End Message Identification
BusinessQueryReference
QueryReference
End of Query Reference
BusinessReport
CurrentReservation
Reservationidentification
Type
BICIdentifier
End of Reservationidentification
Reservation
Amount
Amount without currency
End of Amount
Start Date
Date
End of Start Date
End of Reservation
End of CurrentReservation
End of BusinessReport

End of message name for ReturnReservation

<RtrRsvatn>

<MsgId>
| <Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
</MsgId>
<BizQryRef>
| <QryRef>ABCDEFGHIJKLMNOPQRST123456789012345</QryRef>
</BizQryRef>
<BizRpt>
| <CurRsvatn>
| | <RsvatnId>
| | | <Tp>CARE</Tp>
| | | <AccountOwner>BBBBITRRXXX</AccountOwner>
| | </RsvatnId>
| | <Rsvatn>
| | | <Amt>
| | | | <AmtWthtCcy>1234.56</AmtWthtCcy>
| | | </Amt>
| | | <StartDtTm>
| | | | <Dt>2008-09-11+01:00</Dt>
| | | </StartDtTm>
| | </Rsvatn>
| </CurRsvatn>
</BizRpt>

</RtrRsvatn>

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6. 7.15 ReturnThreshold (for CBs only)

SSP Proprietary Messages

ReturnThreshold _HAM

Scope: The Return Threshold Message is used to return information about the value of the threshold for advice of investment and the value of balance above the threshold for each "CB customer" of the requesting NCB. The connected request is performed by the NCB through a Get Threshold Message. The occurrences related to each CB customer are ordered by decreasing values of balance above the threshold.

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Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Type

SSP Proprietary Data

choice

BusinessReport

AccountReport

Account Identification

BIC

End of Account Identification

Account Identification

Type

MultilateralBalance

Amount

Credit or debit indicator

Type

Value Date

Date Time

End Value Date

End of MultilateralBalance

End of Account

End of AccountReport

Limit Report

Liquidity Management Default Limit

LimitIdentification

Type

End of Limit Identification

Limit

Amount

Amount without currency

End of Amount

Credit or debit indicator

StartDateTime

End Limit

End Liquidity Management Default Limit

End of Limit Report

<PrtryMsg>

<MsgId>

<Ref>-</Ref>

</MsgId>

<Rltd>

<Ref>-</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnThreshold</Tp>

<SspPrtryDt>

xorBizRptOpriErr

<BizRpt>

<AcctRpt>

<AcctId>

<BIC>DDDDJPJT987</BIC>

</AcctId>

<Acct>

<Tp>CACC</Tp>

<MulBal>

<Amt>150.00</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<Tp>CRRT</Tp>

<ValDt>

<DtTm>2008-09-11T09:30:47+01:00</DtTm>

</ValDt>

</MulBal>

</Acct>

</AcctRpt>

<LmtRpt>

<LqdyMgmtDfltLmt>

<LmtId>

<Tp>THRE</Tp>

</LmtId>

<Lmt>

<Amt>

<AmtWthtCcy>100.00</AmtWthtCcy>

</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<StartDtTm>2008-09-11T09:30:47+01:00</StartDtTm>

</Lmt>

</LqdyMgmtDfltLmt>

</LmtRpt>

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End of BusinessReport				</BizRpt>	
Operational Error				<OpriErr>	
Error handling				<Err>	A
Proprietary error code				<Prtry>ABC9</Prtry>	A
End error handling				</Err>	A
					D
Description				<Desc>error description</Desc>	
End of Operational Error				</OpriErr>	
End of choice				/xorBizRptOpriErr	
End of SSP Proprietary Data				</SspPrtryDt>	
End of Proprietary Data				</PrtryData>	M
				</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<Rltd>		Related Mandatory	References a previously received message. Validation: [1..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Message identification of the connected request. Validation: [1..1]	
</Rltd>		End of Related Mandatory	End of Related Validation: [1..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It will be: "ReturnThreshold". Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
xorBizRptOprlErr		choice Mandatory	choice amongst BizRpt und OprlErr Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Choice amongst BizRpt and OprlErr Validation: [1..1]	
<BizRpt>		BusinessReport Mandatory	This sequence will be repeated "n" times, one for each CB customer of the requesting NCB. Validation:	

name of attribute	format	short description	description
[1..n]			
<AcctRpt>		AccountReport Mandatory	Validation: [1..1]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC identifier for the CB customer. Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	It will be: "CACC" (Current account). Validation: [1..1]
<MulBal>		MultilateralBalance Mandatory	Validation: [1..n]
<Amt>-</Amt>	18d	Amount Mandatory	Amount . Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Credit debit indicator. It can be: "CRDT" (credit) ot "DBIT" (debit). Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Balance type code. It can be: "CRRT" (current balance) and "THRE" (balance above the threshold). Validation: [1..1]
<ValDt>		Value Date Mandatory	Validation: [1..1]
<DtTm>-</DtTm>	DateTime	Date Time Mandatory	Date and time of response (with UTC shift) (yyyy-mm-ddThh-mm-ss+ii:nn). Validation: [1..1]
</ValDt>		End Value Date Mandatory	Validation: [1..1]

name of attribute	format	short description	description
</MulBal>		End of MultilateralBalance Mandatory	Validation: [1..n]
</Acct>		End of Account Mandatory	Validation: [1..1]
</AcctRpt>		End of AccountReport Mandatory	Validation: [1..1]
<LmtRpt>		Limit Report Mandatory	Validation: [1..1]
<LqdyMgmtDfltLmt>		Liquidty Management Default Limit Mandatory	Validation: [1..1]
<LmtId>		LimitIdentification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Limit type code. It will be: "THRE" (threshold for advice of investment). Validation: [1..1]
</LmtId>		End of Limit Identification Mandatory	Validation: [1..1]
<Lmt>		Limit Mandatory	Validation: [1..1]
<Amt>		Amount Mandatory	Validation: [1..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency Mandatory	Amount . Validation: [1..1]
</Amt>		End of Amount Mandatory	Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Credit debit code: It will be: "CRDT" (credit). Validation: [1..1]
<StartDtTm>-</StartDtTm>		StartDateTime Mandatory	Date and time of response (with UTC shift) (yyyy-mm-ddThh-mm-ss+ii:nn). Validation:

name of attribute	format	short description	description	
				[1..1]
</Lmt>		End Limit Mandatory	Validation: [1..1]	
</LqdyMgmtDfltLmt>		End Liquidity Management Default Limit Mandatory	Validation: [1..1]	
</LmtRpt>		End of Limit Report Mandatory	Validation: [1..1]	
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..n]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D
				Validation:
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of SSP Proprietary Data Validation:	

name of attribute	format	short description	description	
[1..1]				
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>				M
		Mandatory	Validation: [1..1]	

Error Codes:

ReturnThreshold_HAM_1

Scope: Response to request of information about the threshold for advice of investment of CB customers and about the value of balance above the threshold (see GetThreshold example 1)

Name Proprietary message

<PrtryMsg>

Message Identification

<MsgId>

Reference

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Ref>

End Message Identification

</MsgId>

Related

<Rltd>

Reference

<Ref>HACDEFGHIJKLMNOPQRST123456789012345</Ref>

End of Related

</Rltd>

Proprietary Data

<PrtryData>

Type

<Tp>ReturnThreshold</Tp>

SSP Proprietary Data

<SspPrtryDt>

BusinessReport

<BizRpt>

AccountReport

<AcctRpt>

Account Identification

<AcctId>

BIC

<BIC>BBBBINBBXXX</BIC>

End of Account Identification

</AcctId>

Account Identification

<Acct>

Type

<Tp>CACC</Tp>

MultilateralBalance

<MulBal>

Amount

<Amt>200.00</Amt>

Credit or debit indicator

<CdtDbtInd>CRDT</CdtDbtInd>

Type

<Tp>CRRT</Tp>

Value Date

<ValDt>

Date Time

<DtTm>2008-09-11T09:30:47+01:00</DtTm>

End Value Date

</ValDt>

End of MultilateralBalance

</MulBal>

MultilateralBalance

<MulBal>

Amount

<Amt>150.00</Amt>

Credit or debit indicator

<CdtDbtInd>CRDT</CdtDbtInd>

Type

<Tp>THRE</Tp>

Value Date

<ValDt>

Date Time

<DtTm>2008-09-11T09:30:47+01:00</DtTm>

End Value Date

</ValDt>

End of MultilateralBalance

</MulBal>

End of Account

</Acct>

End of AccountReport

</AcctRpt>

Limit Report

<LmtRpt>

Liquidity Management Default Limit

<LqdyMgmtDfltLmt>

LimitIdentification

<LmtId>

Type

<Tp>THRE</Tp>

End of Limit Identification

</LmtId>

Limit

<Lmt>

Amount

<Amt>

Amount without currency

<AmtWthtCcy>50.00</AmtWthtCcy>

End of Amount

</Amt>

Credit or debit indicator

<CdtDbtInd>CRDT</CdtDbtInd>

StartDateTime

<StartDtTm>2008-09-11T09:30:47+01:00</StartDtTm>

End Limit

</Lmt>

End Liquidity Management Default Limit

</LqdyMgmtDfltLmt>

End of Limit Report

</LmtRpt>

End of BusinessReport	</BizRpt>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
BIC	<BIC>DDDDJPJT987</BIC>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>CACC</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>33.55</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>CRRT</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2008-09-11T09:30:47+01:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>66.45</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Type	<Tp>THRE</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2008-09-11T09:30:47+01:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
Limit Report	<LmtRpt>
Liquidity Management Default Limit	<LqdyMgmtDfltLmt>
LimitIdentification	<LmtId>
Type	<Tp>THRE</Tp>
End of Limit Identification	</LmtId>
Limit	<Lmt>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>100.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
StartDateTime	<StartDtTm>2008-09-11T09:30:47+01:00</StartDtTm>
End Limit	</Lmt>
End Liquidity Management Default Limit	</LqdyMgmtDfltLmt>
End of Limit Report	</LmtRpt>
End of BusinessReport	</BizRpt>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryData>
	</PrtryMsg>

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6. 7.16 ReturnTransaction

Cash Management Standard

ReturnTransaction _HAM

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Scope: The Return Transaction Message is used to return information about transactions.

The connected request is performed through a Get Transaction Message. If the query type "CHNG", "MODF" or "DELD" is used in the GetTransaction message, only modified, deleted or new items between two similar queries of information about incoming and/or outgoing payments of a HAM participant will be returned.

<camt.006.001.xx>

Structure:

Message name for Return Transaction

<RtrTx>

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Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef> HACDEFGHIJKLMNOPQRST123456789012345</QryR
QueryName	<QryNm>ABC1222</QryNm>
End of Query Reference	</BizQryRef>
Choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIL1234567890ABCDEFGHIL1234567890
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBITRRXXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>BBBITRRXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2008-09-12T09:30:47+01:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Choice	xorPdgStsFnISts
Pending Status	<PdgSts>STLE</PdgSts>
Final Status	<FnISts>STLD</FnISts>
End of choice	/xorPdgStsFnISts
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2008-09-12T09:30:47+01:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
Payment Instruction Status Reason	<PmtInstrStsRsn>
ProprietaryRejectionReason	<PrtryRjctnRsn>

Proprietary Status Reason	<PrtryStsRsn>XI02</PrtryStsRsn>
Reason	<Rsn>MISSING RECEIVING LEGITIMACY</Rsn>
End Proprietary Rejection Reason	</PrtryRjctnRsn >
End Payment Instruction Status Reason	</PmtInstrStsRsn>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>202</FINMT>
End Payment Method	</PmtMtd>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2008-09-12T09:30:47+01:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>RGP</PrtryPmtTp>
End Payment Type	</PmtTp>
Instruction Copy	<InstrCpy>an MT103 FIN Message</InstrCpy>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2008-09-12+01:00</IntrBkValDt>
Related Reference	<RltdRef>ORIGINALTRAN</RltdRef>
Payment Transaction Party	<PmtTxPty>
First Agent	<FrstAgt>FFFFITRRXXX</FrstAgt>
Instructing Agent Correspondent	<InstgAgtCrspdt>-</InstgAgtCrspdt>
Intermediary	<Intrmy>IIIIITRRXXX</Intrmy>
Final Agent	<FnIAgt>FAFAITRRXXX</FnIAgt>
Creditor	<Cdtr>CCCCITRRXXX</Cdtr>
End Payment Transaction Party	</PmtTxPty>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>
Operational Error	<OprlErr>
Error handling	<Err>
Proprietary error code	<Prtry>ABC9</Prtry>
End error handling	</Err>
Description	<Desc>error description</Desc>
End of Operational Error	</OprlErr>
End of choice	/xorBizRptOprErr
End messagename ReturnTransaction	</RtrTx>

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Attributes:

name of attribute	format	short description	description
<RtrTx>		Message name for Return Transaction Mandatory	Message name for Return Transaction Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
<QryNm>	35x	QueryName Optional	Recalls the criteria (search and return criteria) defined in a preceding query. Identifier of a preceding message. The cross-reference is used for the creation of delta sets Reference for the delta set retrieval. Value is generated by ICM. Validation: [0..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Choice amongst BizRpt e OprlErr Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<TxRpt>		TransactionReport Mandatory	Validation: [1..n]
<InstrRef>		Instruction Reference Mandatory	Validation: [1..1]
<PrtryRef>-</PrtryRef>	43x	Proprietary Reference	Internal transfer identifier. Unique and unambiguous identifier of a transaction, generated by HAM. Digits from

name of attribute	format	short description	description
		Mandatory	10 to 20 of the internal transfer identifier identify the BIC of the sender of the transaction . Validation: [1..1]
</InstrRef>		End of InstructionReference Mandatory	Validation: [1..1]
<Tx>		Transaction Mandatory	Validation: [1..1]
<PmtTo>		PaymentTo Optional	Validation: [0..1]
<Mmbld>		Member Identification Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the creditor. Validation: [1..1]
</Mmbld>		End Member Identification Optional	Validation: [0..1]
</PmtTo>		End PaymentTo Optional	Validation: [0..1]
<PmtFr>		Payment From Optional	Validation: [0..1]
<Mmbld>		Member Identification Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the debtor. Validation: [1..1]
</Mmbld>		End Member Identification Optional	Validation: [0..1]
</PmtFr>		End Payment From Optional	Validation: [0..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Optional	Credit debit indicator. It will be: "CRDT" (credit) or "DBIT" (debit). Validation: [0..1]

name of attribute	format	short description	description
<Pmt>		Payment	
		Optional	Validation: [0..1]
<TrfValDt>		DateAndDateTimeSearchC hoice	
		Optional	Validation: [0..1]
<DtTm>-</DtTm>	DateTime	Date Time	Specifies when the transaction arrived in HAM (yyyy-mm-ddThh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
</TrfValDt>		End Transfer Value Date	
		Optional	Validation: [0..1]
<InstrSts>		Instruction Status	
		Optional	Validation: [0..1]
<PmtInstrSts>		PaymentStatusCode	
		Optional	Validation: [0..1]
xorPdgStsFnlSts		Choice	Choice amongst PdgSts or FnlSts
		Mandatory	Validation: [1..1]
<PdgSts>-</PdgSts>	4x	Pending Status	Specifies the (pending) status of the selected transaction. Possible values are: "PSTL" (pending settlement) for queued transactions or "STLE" (earmarked) for transactions delivered in advance. The attributes <PdgSts> and <FnlSts> are mutually exclusive. If <FnlSts> is valorised, <PdgSts> will not be valorised, and viceversa..
		Mandatory	Validation: [1..1]
<FnlSts>-</FnlSts>	4x	Final Status	Specifies the (final) status of the selected transaction. Possible values are: "CAND" (cancelled) for cancelled transactions; "RJTD" (rejected) for transactions rejected by the clearing agent; "STLD" (settled) for transactions successfully processed. The attributes <FnlSts> and <PdgSts> are mutually exclusive. If <FnlSts> is valorised, <PdgSts> will not be valorised, and viceversa.
		Mandatory	Validation: [1..1]
/xorPdgStsFnlSts		End of choice	
		Mandatory	Validation: [1..1]
</PmtInstrSts>		End PaymentStatusCode	
		Optional	Validation: [0..1]
<PmtInstrStsDtTm>		PaymentInstructionStatusD ateTime	
		Optional	Validation:

name of attribute	format	short description	description
			[0..1]
<DtTm>-</DtTm>	DateTime	Date Time	Date and Time at which the transaction assumed its status (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
</PmtInstrStsDtTm>		End Payment Instruction Status Date Time	
		Optional	Validation: [0..1]
<PmtInstrStsRsn>		Payment Instruction Status Reason	
		Optional	Validation: [0..1]
<PrtryRjctnRsn>		ProprietaryRejectionReason	
		Mandatory	Validation: [1..1]
<PrtryStsRsn>-</PrtryStsRsn>	4x	Proprietary Status Reason	Error code.
		Mandatory	Validation: [1..1]
<Rsn>-</Rsn>	256x	Reason	Error description.
		Mandatory	Validation: [1..1]
</PrtryRjctnRsn>		End Proprietary Rejection Reason	
		Mandatory	Validation: [1..1]
</PmtInstrStsRsn>		End Payment Instruction Status Reason	
		Optional	Validation: [0..1]
</InstrSts>		End of InstructionStatusSearch	
		Optional	Validation: [0..1]
<InstdAmt>		Instructed Amount	
		Optional	Validation: [0..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	Amount of the transaction .
		Mandatory	Validation: [1..1]
</InstdAmt>		End Instructed Amount	
		Optional	Validation: [0..1]
<PmtMtd>		PaymentMethod	PaymentMethod
		Optional	Validation: [0..1]

name of attribute	format	short description	description
<FINMT>-</FINMT>		FINMessageType	Type of SWIFT FIN input message. It can be: "202" (MT 202) or "103" (MT103 and MT103+).
		Mandatory	Validation: [1..1]
</PmtMtd>		End Payment Method	
		Optional	Validation: [0..1]
<PrgVldtyTm>		ProcessingValidityTime	This sequence is used to specify the date and the time of settlement. It will be present only if settlement already occurred.
		Optional	Validation: [0..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time	Settlement Date and Time (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
</PrgVldtyTm>		End Processing Validity Time	
		Optional	Validation: [0..1]
<PmtTp>		Payment Type	Payment Type
		Optional	Validation: [0..1]
<PrtryPmtTp>-</PrtryPmtTp>	4x	Proprietary Payment Type	Specifies transaction type. Possible values are: "CWD" (Cash Withdrawals); "LQT" (Liquidity Transfers) for transfers between accounts of the same participant, (including standing facilities transactions); "RGT" (Regular Transactions) for transfers between HAM accounts, or between HAM accounts and RTGS accounts of different participants; "RGP" (Regular Payments) for payments between CB customers, or between CB customers and RTGS accounts, or between CB customers and the account in HAM of the NCB (initiated by the NCB via Simplified MT 202); "BKT" (back up transactions) for transactions initiated by the NCB via ICM on behalf of the account owner in contingency situations; "HAM" (interests from HAM); "SFM" (interests from SF Module); "CRM" (billing from CRM); "RMM" (interests/penalties from RM module).
		Mandatory	Validation: [1..1]
</PmtTp>		End Payment Type	
		Optional	Validation: [0..1]
<InstrCpy>-</InstrCpy>		Instruction Copy	FIN message.
		Optional	Validation: [0..1]
<PmtInstrRef>-</PmtInstrRef>	35x	Payment Instruction Reference	Transaction identifier, i.e. TRN of the SWIFT input message.
		Optional	Validation: [0..1]

name of attribute	format	short description	description
<IntrBkValDt>-</IntrBkValDt>		InterbankValueDate Optional	Settlement date (with UTC shift) (yyyy-mm-dd+ii:nn). Validation: [0..1]
<RltdRef>-</RltdRef>		Related Reference Optional	Related Reference, extracted from field 21 of the SWIFT input message. Validation: [0..1]
<PmtTxPty>		Payment Transaction Party Optional	Validation: [0..1]
<FrstAgt>-</FrstAgt>		First Agent Optional	Ordering institution, BIC extracted from field 52 of the SWIFT input message. Validation: [0..1]
<InstgAgtCrspdt>-</InstgAgtCrspdt>	11x	Instructing Agent Correspondent Optional	Instructing Agent Correspondent Sender's Correspondent, BIC extracted from field 53 of the SWIFT input message. Validation: [0..1]
<Intrmy>-</Intrmy>	11x	Intermediary Optional	Intermediary, BIC extracted from field 56 of the SWIFT input message. Validation: [0..1]
<FnlAgt>-</FnlAgt>	11x	Final Agent Optional	Account With Institution, BIC extracted from field 57 of the SWIFT input message. Validation: [0..1]
<Cdtr>-</Cdtr>	11x	Creditor Optional	Creditor, BIC extracted from field 58 or 59 of the SWIFT input message. Validation: [0..1]
</PmtTxPty>		End Payment Transaction Party Optional	Validation: [0..1]
</Pmt>		End Payment Optional	Validation: [0..1]
</Tx>		End ofTransaction Mandatory	Validation: [1..1]
</TxRpt>		End Transaction Report Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport Mandatory	Validation:

name of attribute	format	short description	description	
				[1..1]
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D
				Validation:
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]	
</RtrTx>		End messagename ReturnTransaction Mandatory	Validation: [1..1]	M

Error Codes:

ReturnTransaction _HAM_1

Scope: A response to a request of information on a specific transaction (see Get Transaction example 1).

Message name for Return Transaction

<RtrTx>

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Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef> HACDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIIBBBBITRRXXX ABCDEFGHIIL1234567890ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>IIIIITRRXXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>BBBBITRRXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2008-09-12T08:30:47+01:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2008-09-12T09:30:47+01:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>202</FINMT>
End Payment Method	</PmtMtd>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2008-09-12T09:30:47+01:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>RGP</PrtryPmtTp>
End Payment Type	</PmtTp>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIIL123456</PmtInstrRef>

InterbankValueDate	<IntrBkValDt>2008-09-12+01:00</IntrBkValDt>
Related Reference	<RltdRef>ORIGINAL TRAN</RltdRef>
Payment Transaction Party	<PmtTxPty>
First Agent	<FrstAgt>FFFFITRRXXX</FrstAgt>
Instructing Agent Correspondent	<InstgAgtCrspdt>QQQQITRRXXX</InstgAgtCrspdt>
Intermediary	<Intrmy>IIIIITRRXXX</Intrmy>
Final Agent	<FnIAgt>FAFAITRRXXX</FnIAgt>
Creditor	<Cdtr>CCCCITRRXXX</Cdtr>
End Payment Transaction Party	</PmtTxPty>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>
End messagename ReturnTransaction	</RtrTx>

M

ReturnTransaction_HAM_2

Scope: A response to a request of information on all settled credit transactions (see Get Transaction example 2).

Message name for Return Transaction

<RtrTx>

M

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>HACDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIHPPPPITMLXXX ABCDEFGHIL1234567890ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBITRRXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>PPPPITMLXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2007-08-13T08:30:47+01:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2007-08-13T08:30:47+01:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>4321.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>202</FINMT>
End Payment Method	</PmtMtd>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2007-08-13T09:30:47+01:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Type	<PmtTp>
Proprietary Payment Type	<PrtryPmtTp>RGT</PrtryPmtTp>
End Payment Type	</PmtTp>
Payment Instruction Reference	<PmtInstrRef>ABCDDDDDD123456</PmtInstrRef>

InterbankValueDate	<IntrBkValDt>2007-08-13+01:00</IntrBkValDt>
Related Reference	<RltdRef>ORIGINALTRAN</RltdRef>
Payment Transaction Party	<PmtTxPty>
Instructing Agent Correspondent	<InstgAgtCrspdt>PPPPITMLXXX</InstgAgtCrspdt>
Creditor	<Cdtr>BBBBITRRXXX</Cdtr>
End Payment Transaction Party	</PmtTxPty>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>
End messagename ReturnTransaction	</RtrTx>

M

ReturnTransaction _HAM_3

Scope: A response to a request on all debit transactions sent by the co-manager (BBBBITRRXXX) on behalf of the account owner (PPPPITRRXXX). (see Get Transaction example 3).

Message name for Return Transaction

<RtrTx>

M

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef> HACDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIIBBBBBITRRXXX ABCDEFGHIIL1234567890ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>PPPPITRRXXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>CCCCIT3PXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2007-05-11T09:30:47+01:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Pending Status	<PdgSts>STLE</PdgSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2007-05-10T09:30:47+01:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>202</FINMT>
End Payment Method	</PmtMtd>
Payment Type	<PmtTp>
Proprietary Payment Type	< PrtryPmtTp >RGT</PrtryPmtTp >
End Payment Type	</PmtTp>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIIL123456</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2007-05-13+01:00</IntrBkValDt>
Related Reference	<RltdRef>ORIGINALTRAN</RltdRef>

Payment Transaction Party	<PmtTxPty>
Instructing Agent Correspondent	<InstgAgtCrspdt>PPPPITRRXXX</InstgAgtCrspdt>
Creditor	<Cdtr>CCCCIT3PXXX</Cdtr>
End Payment Transaction Party	</PmtTxPty>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>
End messagename ReturnTransaction	</RtrTx>

M

ReturnTransaction _HAM_4

Scope: A response to a request on the input FIN message information of a specific transaction identified through an external transfer identifier (see Get Transaction example 4).

Messagename for Return Transaction

<RtrTx>

M

Message Identification	<MsgId>
Message business identification	<Id>ABCDEFGHIJKLMNQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>HACDEFGHIJKLMNQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIL1234567890ABCDEFGHIL1234567890ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2007-08-13T09:30:47+01:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnISts>STLD</FnISts>
End PaymentStatusCode	</PmtInstrSts>
End of InstructionStatusSearch	</InstrSts>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>103</FINMT>
End Payment Method	</PmtMtd>
Instruction Copy	<InstrCpy>an MT103 FIN Message</InstrCpy>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>

End messagename ReturnTransaction

</RtrTx>

M

ReturnTransaction _HAM_5

Scope: A response to a request on Request of information on all debit Regular Transactions (RGT): sent by the co-manager (SSSSITRRXXX), on behalf of the account owner (OOOOITRRXXX), towards a country (NL), arrived in HAM in a range of time (2008-05-02T10-00-00 - 2008-05-02T10-04-59), to be settled in the same date, rejected with a specific return code (XI02), in a range of amount (1000000,01 - 1000100,00) (see Get Transaction example 5).

MessageName for Return Transaction

<RtrTx>

M

Message Identification	<MsgId>
Message business identification	<Id>HACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEF GHIJKLMNOPQRST12345678912345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEF GHI1234567890ABCDEF GHI1234567890ABC C</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>OOOOITRRXXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>AAADE3PXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2008-05-02T10:01:33+01:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>RJTD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2008-05-02T10:01:44+01:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
Payment Instruction Status Reason	<PmtInstrStsRsn>
ProprietaryRejectionReason	<PrtryRjctnRsn>
Proprietary Status Reason	<PrtryStsRsn>XI02</PrtryStsRsn>
Reason	<Rsn>MISSING RECEIVING LEGITIMACY</Rsn>
End Proprietary Rejection Reason	</PrtryRjctnRsn>
End Payment Instruction Status Reason	</PmtInstrStsRsn>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1000001.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
PaymentMethod	<PmtMtd>
FINMessageType	<FINMT>202</FINMT>

6. 8 XML messages related to SF

6. 8. 1 GetAccount

Cash Management Standard

GetAccount_SF

Scope: The Get Account Message is used by account holders (or by the co-managers, NCB or the Collateral manager on behalf of the account holder) to request information about the balance of the marginal lending account and the overnight deposit account. This message will be replied by a Return Account Message.

<camt.003.001.xx>

Structure:

Message Type

Message Identification

Message business identification

End Message Identification

Specification of the query criteria.

Account Criteria

NewCriteria

SearchCriteria

Type

BICIdentifier

End of SearchCriteria

End of NewCriteria

End Account Criteria

End Account Query Definition

End of Message Type

<GetAcct>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

</MsgId>

<AcctQryDef>

<AcctCrit>

<NewCrit>

<SchCrit>

<Tp>ONDP</Tp>

<AcctOwnr>BBBBITRRXXX</AcctOwnr>

</SchCrit>

</NewCrit>

</AcctCrit>

</AcctQryDef>

</GetAcct>

M

M

Attributes:

name of attribute	format	short description	description
<GetAcct>		Message Type	Message name for GetAccount
		Mandatory	Validation: [1..1]
<MsgId>		Message Identification	
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification	String of characters that uniquely identifies a message at senders side.
		Mandatory	Validation: [1..1]
</MsgId>		End Message Identification	
		Mandatory	Validation: [1..1]
<AcctQryDef>		Specification of the query criteria.	
		Mandatory	Validation: [0..1]
<AcctCrit>		Account Criteria	
		Mandatory	Validation: [0..1]
<NewCrit>		NewCriteria	
		Mandatory	Validation: [1..1]
<SchCrit>		SearchCriteria	
		Mandatory	Validation: [0..1]
<Tp>-</Tp>	35x	Type	Account type. It can be: "ONDP" (Overnight Deposit) or "MGLD" (Marginal Lending). The requestor can ask both ONDP and MGLD in the same message. The Collateral Manager can ask only information related to the Marginal Lending account.
		Mandatory	Validation: [1..2]
<AcctOwnr>-</AcctOwnr>		BICIdentifier	Specifies the participant to whom data are referred. The attribute is mandatory when the requestor is the co-manager, the Collateral Manager of the participant, or the NCB.
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	
		Mandatory	Validation: [0..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation: [1..1]
</AcctCrit>		End Account Criteria	

name of attribute	format	short description	description	
		Mandatory	Validation: [0..1]	
</AcctQryDef>		End Account Query Definition		
		Mandatory	Validation: [0..1]	
</GetAcct>		End of Message Type	end of Messagname of GetAccount	M
		Mandatory	Validation: [1..1]	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnAccount
2	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
3	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
4	H12			H012	Error Text: Requested BIC missing in input Validation: Remark:
5	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
6	H08			H008	Error Text: Requestor unknown Validation: Remark:
7	H07	M7		H007	Error Text: Account not open Validation: Remark:
8	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

GetAccount_SF_1

Scope: Request of information about the overnight deposit account balance. The requestor is the account holder.

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
Type
End of SearchCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition

<GetAcct>

```
<MsgId>
|   <Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>
|   </MsgId>
|   <AcctQryDef>
|   |   <AcctCrit>
|   |   |   <NewCrit>
|   |   |   |   <SchCrit>
|   |   |   |   |   <Tp>ONDP</Tp>
|   |   |   |   </SchCrit>
|   |   |   </NewCrit>
|   |   </AcctCrit>
|   </AcctQryDef>
```

End of Message Type

</GetAcct>

GetAccount_SF_2

Scope: Request of information about the marginal lending account balance. The requestor is the NCB of the account holder.

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
Type
BICIdentifier
End of SearchCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition

<GetAcct>

```
<MsgId>
  <Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
</MsgId>
<AcctQryDef>
  <AcctCrit>
    <NewCrit>
      <SchCrit>
        <Tp>MGLD</Tp>
        <AcctOwnr>BBBBITRRXX</AcctOwnr>
      </SchCrit>
    </NewCrit>
  </AcctCrit>
</AcctQryDef>
```

End of Message Type

</GetAcct>

6. 8. 2 GetTransaction

Cash Management Standard

GetTransaction_SF

M

Scope: The Get Transaction Message is used by account holders (or by Co-managers and NCBs on behalf of the account holder) to request information about Standing Facilities (Marginal Lending and Overnight Deposit) transactions. The message can be used also by the Collateral Manager to request information about Marginal Lending transactions on behalf of the account holder.

Business Data Compression via delta sets is supported. GetTransaction message can be performed with the query type "CHNG", "MODF" or "DELD".

This message will be replied by a Return Transaction Message.

<camt.005.001.xx>

Structure:

Messagename for GetTransaction

<GetTx>

M

Message Identification

<MsgId>

Message business identification

<Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>

End Message Identification

</MsgId>

Transaction Query Definition

<TxQryDef>

QueryTypeCode

<QryTp>CHNG</QryTp>

M

Transaction Criteria

<TxCrit>

choice amongst

xorQryNmNewCrit

QueryName

<QryNm>ABC122</QryNm>

NewCriteria

<NewCrit>

SearchCriteria

<SchCrit>

PaymentTo

<PmtTo>

Member Identification

<Mmbld>

BIC

<BIC>BBBBIT22XXX</BIC>

End Member Identification

</Mmbld>

End PaymentTo

</PmtTo>

Payment From

<PmtFr>

Member Identification

<Mmbld>

BIC

<BIC>BBBBIT22XXX</BIC>

End of Member Identification

</Mmbld>

End Payment From

</PmtFr>

Payment Search

<PmtSch>

Credit or debit indicator

<CdtDbtInd>DBIT</CdtDbtInd>

Payment Type

<PmtTp>

Payment Type

<PmtTp>OND</PmtTp>

End Payment Type

</PmtTp>

End Payment Search

</PmtSch>

End of SearchCriteria

</SchCrit>

End of NewCriteria

</NewCrit>

End choice amongst

/xorQryNmNewCrit

End Transaction Criteria

</TxCrit>

End Transaction Query Definition

</TxQryDef>

End of Messagename for GetTransaction

</GetTx>

M

name of attribute	format	short description	description
<GetTx>		Messagename for GetTransaction Mandatory	Messagename for GetTransaction Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<TxQryDef>		Transaction Query Definition Mandatory	Validation: [0..1]
<QryTp>-</QryTp>		QueryTypeCode Optional	Specifies the nature of the query, i.e. whether the query requests that all matching items be returned or only new matching items since the last similar query be returned. ALLL = All Specifies that the query requests that all matching items be returned. CHNG = Changes Specifies that the query requests that only new matching items since the last similar query be returned. MODF = Modified Specifies that the query requests to return only items that have changed since the last query. DELD = Deleted Specifies that the query requests to return only items that were deleted since the last query. Further details can be found in the general chapter for delta set retrieval. Validation: [0..1]
<TxCrit>		Transaction Criteria Mandatory	Validation: [0..1]
xorQryNmNewCrit		choice amongst Mandatory	TransactionCriteriaDefinitionChoice QueryName and NewCriteria Defines the information that is searched either implicitly by recalling a previous query or explicitly by defining the criteria. QueryName [1..1] Max35Text TransactionCriteriaDefinitionChoice NewCriteria [1..1] TransactionCriteria Validation: [1..1]
<QryNm>	35x	QueryName	Recalls the criteria (search and return criteria) defined in a preceding query.

name of attribute	format	short description	description
			Identifier of a preceding message. The cross-reference is used for the creation of delta sets
		Mandatory	Validation: [1..1]
<NewCrit>		NewCriteria	
		Mandatory	Validation: [1..1]
<SchCrit>		SearchCriteria	
		Mandatory	Validation: [0..1]
<PmtTo>		PaymentTo	
			This section is used to specify the participant to whom standing facilities transactions are referred (creditor). It is mandatory when the requestor is the co-manager, the Collateral Manager of the participant, or the NCB. When valorised, the sections <PmtTo> and <PmtFr> must be contain the same BIC.
		Optional	Validation: [0..1]
<Mmbld>		Member Identification	
		Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC	
		Mandatory	Validation: [1..1]
</Mmbld>		End Member Identification	
		Optional	Validation: [0..1]
</PmtTo>		End PaymentTo	
		Optional	Validation: [0..1]
<PmtFr>		Payment From	
			This section is used to specify the participant to whom standing facilities transactions are referred (debtor). It can be used only once (repetition is not allowed) and is mandatory when the requestor is the co-manager, the Collateral Manager of the participant or the NCB.
			When valorised, the sections <PmtTo> and <PmtFr> must contain the same BIC.
		Optional	Validation: [0..1]
<Mmbld>		Member Identification	
		Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC	BIC
		Mandatory	Validation: [1..1]
</Mmbld>		End of Member Identification	
		Optional	Validation:

name of attribute	format	short description	description
[0..1]			
</PmtFr>		End Payment From Optional	Validation: [0..1]
<PmtSch>		Payment Search Mandatory	Validation: [0..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Optional	Credit debit indicator. It is used to select credit or debit transactions. If valorised, it can be: "CRDT" (credit) or "DBIT" (debit). If not used both debit and credit transactions will be returned. NOTE: Credit debit indicator is always referred to the SFM part of the transaction, e.g. for overnight deposit setting up is CRDT, while marginal lending setting up is DBIT. Validation: [0..1]
<PmtTp>		Payment Type Optional	Payment Type This section is used to specify the type of transactions to select (Marginal Lending, Overnight Deposits). If not used both types of transactions will be returned. Validation: [0..2]
<PmtTp>-</PmtTp>	4x	Payment Type Mandatory	Transaction type. It can be: "MGL" (for Marginal Lending) and "OND" (for Overnight Deposit). Validation: [1..1]
</PmtTp>		End Payment Type Optional	Validation: [0..2]
</PmtSch>		End Payment Search Mandatory	Validation: [0..1]
</SchCrit>		End of SearchCriteria Mandatory	Validation: [0..1]
</NewCrit>		End of NewCriteria Mandatory	Validation: [0..1]
/xorQryNmNewCrit		End choice amongst Mandatory	end choice amongst TransactionCriteriaDefinitionChoice Validation: [1..1]
</TxCrit>		End Transaction Criteria Mandatory	Validation: [0..1]
</TxQryDef>		End Transaction Query Definition Mandatory	Validation: [0..1]

name of attribute	format	short description	description
</GetTx>		End of Messagename for GetTransaction	
		Mandatory	Validation: [1..1]

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnTransaction
2	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
3	H12			H012	Error Text: Requested BIC missing in input Validation: Remark:
4	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
5	H08			H008	Error Text: Requestor unknown Validation: Remark:
6	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:
7	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
8	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

GetTransaction_SF_1

Scope: Request of information about all standing facilities transactions of a participant. The requestor is the participant.

Message for GetTransaction

Message Identification
Message business identification
End Message Identification
Transaction Query Definition
Transaction Criteria
NewCriteria
SearchCriteria
Payment Search
Payment Type
Payment Type
End Payment Type
Payment Type
Payment Type
End Payment Type
End Payment Search
End of SearchCriteria
End of NewCriteria
End Transaction Criteria
End Transaction Query Definition

End of Message for GetTransaction

<GetTx>

```
<MsgId>
|   <Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
|   </MsgId>
|   <TxQryDef>
|   |   <TxCrit>
|   |   |   <NewCrit>
|   |   |   |   <SchCrit>
|   |   |   |   |   <PmtSch>
|   |   |   |   |   |   <PmtTp>
|   |   |   |   |   |   |   <PmtTp>MLG</PmtTp>
|   |   |   |   |   |   |   </PmtTp>
|   |   |   |   |   |   |   <PmtTp>
|   |   |   |   |   |   |   |   <PmtTp>OND</PmtTp>
|   |   |   |   |   |   |   |   </PmtTp>
|   |   |   |   |   |   |   </PmtSch>
|   |   |   |   |   |   </SchCrit>
|   |   |   |   </NewCrit>
|   |   |   </TxCrit>
|   |   </TxQryDef>
```

</GetTx>

M

M

GetTransaction_SF_2

Scope: Request of information about standing facilities transactions of a participant. The requestor is the NCB of the participant.

MessageName for GetTransaction

Message Identification
Message business identification
End Message Identification
Transaction Query Definition
Transaction Criteria
NewCriteria
SearchCriteria
PaymentTo
Member Identification
BIC
End Member Identification
End PaymentTo
Payment From
BIC
End of Member Identification
End Payment From
Payment Search
Payment Type
Payment Type
End Payment Type
Payment Type
Payment Type
End Payment Type
End Payment Search
End of SearchCriteria
End of NewCriteria
End Transaction Criteria
End Transaction Query Definition

End of MessageName for GetTransaction

<GetTx>

<MsgId>
| <Id> SFCDEFGHIJKLMNOPQRST123456789012345</Id>
</MsgId>
<TxQryDef>
| <TxCrit>
| | <NewCrit>
| | | <SchCrit>
| | | | <PmtTo>
| | | | | <Mmbld>
| | | | | <BIC>BBBBIT22XXX</BIC>
| | | | | </Mmbld>
| | | | </PmtTo>
| | | <PmtFr>
| | | | <BIC>BBBBIT22XXX</BIC>
| | | | </Mmbld>
| | | </PmtFr>
| | <PmtSch>
| | | <PmtTp>
| | | | <PmtTp>OND</PmtTp>
| | | | </PmtTp>
| | | <PmtTp>
| | | | <PmtTp>MGL</PmtTp>
| | | | </PmtTp>
| | | </PmtSch>
| | </SchCrit>
| | </NewCrit>
| | </TxCrit>
| </TxQryDef>

</GetTx>

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6. 8. 3 LiquidityCreditTransfer

Cash Management Standard

LiquidityCreditTransfer_SF

Scope: The LiquidityCreditTransfer message is used by account holders (or by Co-managers and NCBs on behalf of the account holder) for setting up the overnight deposit operation and for the overnight deposit reverse transaction; it is also used by NCBs (or by the Collateral Manager) for setting up the marginal lending operation. This message will be replied by a Receipt message. Non repudiation of emission (NRE) is supported.

<camt.050.001.xx>

Structure:

Message name for LiquidityCreditTransfer

Message Identification
Message business identification
End Message Identification
Account Identification Credit
Identification
Simple Identification Information
Message business identification
End of simple Identification Information
End Identification
Type
End of Account Identification Credit
Amount
Amount without currency
End of Transferred Amount
Account Identification Debit
Identification
Simple Identification Information
Message business identification
End of simple Identification Information
End Identification
Type
End of Account Identification Debit
End message name LiquidityCreditTransfer

<LqdyCdtTfr>

<MsgId>
| <Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
|</MsgId>
|<CdtAcct>
|<Id>
|<DmstAcct>
|<Id>BBBBITRRXX</Id>
|</DmstAcct>
|</Id>
|<Tp>ONDP</Tp>
|</CdtAcct>
|<TrfdAmt>
|<AmtWthtCcy>1234.56</AmtWthtCcy>
|</TrfdAmt>
|<DbtAcct>
|<Id>
|<DmstAcct>
|<Id>BBBBITRRXX</Id>
|</DmstAcct>
|</Id>
|<Tp>SACC</Tp>
|</DbtAcct>
</LqdyCdtTfr>

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Attributes:

name of attribute	format	short description	description
<LqdyCdtTfr>		Message name for LiquidityCreditTransfer Mandatory	Message name for LiquidityCreditTransfer Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. The first 16 characters must be unique (TRN) and consistent with "X SWIFT Character Set", including exceptions as per SWIFT "Message Format Validations Rules" related to field 20 and 21. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<CdtAcct>		Account Identification Credit Mandatory	This section is mandatory for the SF module. Validation: [0..1]
<Id>		Identification Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the account to be credited. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</Id>		End Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Optional	Type of the account to be credited. It must be valorised only when a Standing Facilities account has to be credited (overnight deposit setting up). (When the account to be credited is not a Standing Facilities account, the SFM singles out automatically if the counterpart account is in PM or in HAM). If valorised, it can be only: "ONDP" (overnight deposit). Validation: [0..1]
</CdtAcct>		End of Account Identification Credit Mandatory	Validation:

name of attribute	format	short description	description
[0..1]			
<TrfdAmt>		Amount Mandatory	Validation: [1..1]
<AmtWthtCcy>- </AmtWthtCcy>	14n	Amount without currency Mandatory	Amount . Validation: [1..1]
</TrfdAmt>		End of Transferred Amount Mandatory	Validation: [1..1]
<DbtAcct>		Account Identification Debit Mandatory	This section is mandatory for the SF module. Validation: [0..1]
<Id>		Identification Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the account to be debited. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</Id>		End Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Optional	Type of the account to be debited. It must be valorised only when a Standing Facilities account has to be debited (marginal lending setting up or overnight deposit reverse transaction). (When the account to be debited is not a Standing Facilities account, the SFM singles out automatically if the counterpart account is in PM or in HAM). If valorised, it can be: "MGLD" (marginal lending) or "ONDP" (overnight deposit). Validation: [0..1]
</DbtAcct>		End of Account Identification Debit Mandatory	Validation: [0..1]
</LqdyCdtTfr>		End message name LiquidityCreditTransfer Mandatory	End message name LiquidityCreditTransfer Validation: [1..1]

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM
3	868	C8	XI19	2868	Error Text: Invalid sending/receiving BIC Validation: Remark:
4	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Remark:
5	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
6	H13			H013	Error Text: Requested field missing in input Validation: Remark:
7	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
8	H08			H008	Error Text: Requestor unknown Validation: Remark:
9	H07	M7		H007	Error Text: Account not open Validation: Remark:
10	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
11	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:
12	858	B8	XI00	2858	Error Text: Mandatory field not found Validation:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	

Remark:

LiquidityCreditTransfer_SF_1

Scope: Overnight deposit setting up: liquidity transfer from the HAM account (debtor) to the overnight deposit account (creditor) of the same participant.

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification	<MsgId>
Message business identification	<Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Type	<Tp>ONDP</Tp>
End of Account Identification Credit	</CdtAcct>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Account Identification Debit	<DbtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BROMITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
End of Account Identification Debit	</DbtAcct>
End message name LiquidityCreditTransfer	</LqdyCdtTfr>

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LiquidityCreditTransfer_SF_2

Scope: Marginal lending setting up: liquidity transfer from the marginal lending account (debtor) to the PM account (creditor) of the same participant. The requestor is the NCB of the participant.

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

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Message Identification	<MsgId>
Message business identification	<Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
End of Account Identification Credit	</CdtAcct>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Account Identification Debit	<DbtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Type	<Tp>MGLD</Tp>
End of Account Identification Debit	</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

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6. 8. 4 ReturnAccount

Cash Management Standard

ReturnAccount_SF

Scope: The Return Account Message is used to return information about the balance of the marginal lending account and of the overnight deposit account. The connected request is performed through a Get Account Message.

<camt.004.001.xx>

Structure:

MessageName of ReturnAccount

Message Identification	<MsgId>
Message business identification	<Id>BBBBITRRXXX</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHJKLMNOPQRST123456789012345</QryRe
End of Query Reference	</BizQryRef>
Choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>BBBBITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>ONDP</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
BalanceTypeCode	<Tp>
BalanceTypeCode	<Cd>CRRT</Cd>
End of SystemEventTypeChoice	</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2007-09-12T15:29:00+00:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
Operational Error	<OprlErr>
Error handling	<Err>
Proprietary error code	<Prtry>ABC9</Prtry>
End error handling	</Err>
Description	<Desc>error description</Desc>
End of Operational Error	</OprlErr>
End of choice	/xorBizRptOprErr
End of MessageName of ReturnAccount	</RtrAcct>

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Attributes:

name of attribute	format	short description	description
<RtrAcct>		Messagename of ReturnAccount Mandatory	Messagename of ReturnAccount Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Optional	Validation: [0..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
</BizQryRef>		End of Query Reference Optional	Validation: [0..1]
xorBizRptOprlErr		Choice Mandatory	Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport Mandatory	Validation: [1..n]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]
</DmstAcct>		End of simple Identification Information	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Choice amongst Acct and BizErr Validation: [1..1]
<Tp>-</Tp>	35x	Type Optional	Account Type. It will be: "ONDP"(Overnight Deposit) or "MGLD" Marginal Lending). Validation: [0..1]
<MulBal>		MultilateralBalance Optional	Validation: [0..n]
<Amt>-</Amt>	18d	Amount Mandatory	Amount of the current balance . Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Debit credit indicator. It will be:"CRDT" (credit) or "DBIT" (debit). Validation: [1..1]
<Tp>		BalanceTypeCode	Type ADJT Adjustment Balance to be held in the settlement account in order to comply with the average reserve due, in the event that the bank's balance is equal to the reserve due during the remaining days of the maintenance period. AVLB Available Balance of money or securities that is at the disposal of the account owner on the date specified. BLCK Blocked Balance representing the regulatory reserve that a financial institution must have with the account servicing institution, eg, the minimum credit balance a financial institution is to keep with its Central Bank for mandatory reserve purposes. In some countries, a blocked balance is known as a 'reserve' balance. BOOK Book Balance that is registered in the books of the account servicer. CLSG Closing Balance of the account at the end of the account servicer's business day. It is the sum of the opening balance at the beginning of the day and all entries booked to the account during the account servicer's business day. CRDT Credit Balance representing the sum of all credit entries booked to an account. CRRT Current Balance of the account at a precise moment in time. DBIT Debit

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name of attribute	format	short description	description
			Balance representing the sum of all debit entries booked to an account.
			DLOD DaylightOverdraft Balance representing the intra day overdraft granted by the Central Bank to financial institutions participating in a RTGS system. This balance may vary over time and shall be offset at the end of the day.
			EAST EligibleAssets Balance representing the potential loan a Central Bank would make in cash if the collateral is pledged, eg, securities available and eligible as collateral with the Central Bank.
			INTM Interim Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day. The interim balance is calculated on the basis of booked credit and debit items during the calculation time/period specified.
			LRLD LimitRelated Balance of a specific limit value, eg, a bilateral balance is calculated in relation to a given bilateral limit.
			LTSF LiquidityTransfer Balance composed of the sum of all liquidity transfers made to or from an account.
			OPNG Opening Book balance of the account at the beginning of the account servicer's business day. It always equals the closing book balance from the previous business day. Note: the available balance at the beginning of the account servicer's business day may be different from the closing book balance from the previous business day.
			PDNG Pending Balance of securities pending delivery, eg, orders to sell securities have been executed but settlement of the open transactions has not been confirmed.
			PRAV ProgressiveAverage Average of the daily balances on the account used to fulfil the reserve requirements calculated from the beginning of the maintenance period.
			PYMT Payment Balance representing the sum of entries as a result of payments processing. Entries relating to fees, interest, or other movements not a result of payments sent or received by the account owner are not included.
			XCRD ExpectedCredit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day credit balance if everything books to the account and no other credit entry is posted.
			XDBT ExpectedDebit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day debit balance if everything books to the account and no other debit entry is posted.
			XPCD Expected Balance, composed of booked entries and pending items known at the time of calculation , which projects the end of day balance if everything is booked on the account and no other entry is posted.
			Balance type. It can be: "OPNG" (opening balance) or "CRRT" (current balance). Special case: if the account is no more active, but a balance greater than zero is still present, it will be "CLSG " (closing balance).
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<Cd>		BalanceTypeCode	<p>Specifies the nature of the balance, eg, opening balance.</p> <p>ADJT= Adjustment Balance to be held in the settlement account in order to comply with the average reserve due, in the event that the bank's balance is equal to the reserve due during the remaining days of the maintenance period.</p> <p>AVLB = Available Balance of money or securities that is at the disposal of the account owner on the date specified.</p> <p>BLCK = Blocked Balance representing the regulatory reserve that a financial institution must have with the account servicing institution, eg, the minimum credit balance a financial institution is to keep with its Central Bank for mandatory reserve purposes. In some countries, a blocked balance is known as a 'reserve' balance.</p> <p>BOOK = Book Balance that is registered in the books of the account servicer.</p> <p>CLSG = Closing Balance of the account at the end of the account servicer's business day. It is the sum of the opening balance at the beginning of the day and all entries booked to the account during the account servicer's business day.</p> <p>CRDT = Credit Balance representing the sum of all credit entries booked to an account.</p> <p>CRRT = Current Balance of the account at a precise moment in time.</p> <p>DBIT = Debit Balance representing the sum of all debit entries booked to an account.</p> <p>DLOD = DaylightOverdraft Balance representing the intra day overdraft granted by the Central Bank to financial institutions participating in a RTGS system. This balance may vary over time and shall be offset at the end of the day.</p> <p>EAST = EligibleAssets Balance representing the potential loan a Central Bank would make in cash if the collateral is pledged, eg, securities available and eligible as collateral with the Central Bank.</p> <p>INTM = Interim Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day. The interim balance is calculated on the basis of booked credit and debit items during the calculation time/period specified.</p> <p>LRLD = LimitRelated Balance of a specific limit value, eg, a bilateral balance is calculated in relation to a given bilateral limit.</p> <p>LTSF= LiquidityTransfer Balance composed of the sum of all liquidity transfers made to or from an account.</p> <p>OPNG = Opening Book balance of the account at the beginning of the account servicer's business day. It always equals the closing book balance from the previous business day. Note: the available balance at the beginning of the account servicer's business day may be different from the closing book balance from the previous business day.</p> <p>PDNG = Pending Balance of securities pending delivery, eg, orders to sell securities have been executed but settlement of the open</p>

name of attribute	format	short description	description
			<p>transactions has not been confirmed.</p> <p>PRAV = ProgressiveAverage Average of the daily balances on the account used to fulfil the reserve requirements calculated from the beginning of the maintenance period.</p> <p>PYMT = Payment Balance representing the sum of entries as a result of payments processing. Entries relating to fees, interest, or other movements not a result of payments sent or received by the account owner are not included.</p> <p>XCRD = ExpectedCredit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day credit balance if everything books to the account and no other credit entry is posted.</p> <p>XDBT = ExpectedDebit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day debit balance if everything books to the account and no other debit entry is posted.</p> <p>XPCD = Expected Balance, composed of booked entries and pending items known at the time of calculation , which projects the end of day balance if everything is booked on the account and no other entry is posted.</p> <p>*****NOTE = Noted Balance Balance representing the amount that a financial istitution has set aside for a specific reason and which is therefore not available</p> <p>Balance Type. It will be: "CRRT"(current balance). Special case: if the account is no more active, but a balance different than zero is still present, it will be "CLSG " (closing balance).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</Tp>		End of SystemEventTypeChoice Mandatory	Validation: [1..1]
<ValDt>		Value Date Optional	Validation: [0..1]
<DtTm>-</DtTm>	DateTime	Date Time Mandatory	<p>Date and time of the response (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn).</p> <p>Validation: [1..1]</p>
</ValDt>		End Value Date Optional	Validation: [0..1]
</MulBal>		End of MultilateralBalance Mandatory	Validation: [0..n]
</Acct>		End of Account Mandatory	Validation: [1..1]
</AcctRpt>		End of AccountReport	

name of attribute	format	short description	description	
		Mandatory	Validation: [1..n]	
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..1]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]	
</RtrAcct>		End of Messagname of ReturnAccount Mandatory	end of Messagname of ReturnAccount Validation: [1..1]	M

Error Codes:

ReturnAccount_SF_1

Scope: A response to a request of information about the overnight deposit account balance. (see example 1 of the Get Account Message) account holder.

Messagename of ReturnAccount

Message Identification	<MsgId>	
Message business identification	<Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>ABCDEFGHJKLMNOPQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Identification	<Id>BBBBITRRXXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>ONDP</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>CRRT</Cd>	A
End of SystemEventTypeChoice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2007-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
End of Messagename of ReturnAccount	</RtrAcct>	

ReturnAccount_SF_2

Scope: A response to a request of information about the marginal lending account balance (see example 2 of the Get Account Message).

Messagename of ReturnAccount

Message Identification	<MsgId>	
Message business identification	<Id>ABCDEFGHIJKLMNQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>SFCDEFGHIJKLMNQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Identification	<Id>BBBBITRRXXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>MGLD</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>CRRT</Cd>	A
End of SystemEventTypeChoice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2007-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
End of Messagename of ReturnAccount	</RtrAcct>	

6. 8. 5 ReturnAccount (Push) (for CBs only)

Cash Management Standard

ReturnAccount (Push)_SF

Scope: The Return Account Message in push mode (sent via InterAct) is used in the following 3 cases:

CASE 1) to inform a Central Bank about the spillover (intraday credit not returned at the end of the business day) of a participant not allowed to have access to the marginal lending facility;

CASE 2) to inform the Collateral Manager about the setting up of the Automatic Marginal Lending;

CASE 3) to inform the Collateral Manager about the refunding of the marginal lending (both in case of marginal lending "on request" and "automatic") or about the marginal lending reverse transaction (initiated by the SSP Operational Team).

<camt.004.001.xx>

Structure:

Message Type	<camt.004.001.03>
Message Identification	<MsgId>
Message business identification	<Id>BBBBITRRXX</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>SACC</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Type	<Tp>CRRT</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2007-09-12T18:33:00+00:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End Message Type	</camt.004.001.03>

Attributes:

name of attribute	format	short description	description
<camt.004.001.03>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport Mandatory	Validation: [1..n]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type	Account Type. It will be: "SACC" (RTGS Account) for CASE 1 (information about spillover sent to the NCB); it will be "MGLD" (Marginal Lending) for CASE 2 and CASE 3 (information sent to the Collateral Manager about the refunding of the marginal lending, the marginal lending reverse transaction or about the automatic marginal lending setting up).

name of attribute	format	short description	description
		Optional	Validation: [0..1]
<MulBal>		MultilateralBalance	
		Optional	Validation: [0..n]
<Amt>-</Amt>	18d	Amount	Amount . The amount will refer to the spillover (CASE 1) or to the current balance of the marginal lending account (CASE 2 and CASE 3).
		Mandatory	Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	Debit credit indicator It will be: "CRDT" (credit) or "DBIT" (debit).
		Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type	Balance Type. It will be: "CRRT" (current balance).
		Optional	Validation: [0..1]
<ValDt>		Value Date	This section specifies when (date and time) the Return Account Message is sent.
		Optional	Validation: [0..1]
<DtTm>-</DtTm>	DateTime	Date Time	Date and time (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn).
		Mandatory	Validation: [1..1]
</ValDt>		End Value Date	
		Optional	Validation: [0..1]
</MulBal>		End of MultilateralBalance	
		Optional	Validation: [0..n]
</Acct>		End of Account	
		Mandatory	Validation: [1..1]
</AcctRpt>		End of AccountReport	
		Mandatory	Validation: [1..n]
</BizRpt>		End of BusinessReport	
		Mandatory	Validation: [1..1]
</camt.004.001.03>		End Message Type	
		Mandatory	Validation: [1..1]

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Error Codes:

ReturnAccount (Push)_SF_1

Scope: Send to a Central Bank information about the spillover of a participant (CASE 1).

Message Type	<camt.004.001.03>
Message Identification	<MsgId>
Message business identification	<Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>BBBBITRRXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>SACC</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Type	<Tp>CRRT</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2007-09-12T18:33:00+00:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End Message Type	</camt.004.001.03>

ReturnAccount (Push)_SF_2

Scope: Send to the Collateral Manager information about the Automatic Marginal Lending setting up (CASE 2).

Message Type	<camt.004.001.03>
Message Identification	<MsgId>
Message business identification	<Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>DDDDITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>MGLD</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>5234.16</Amt>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Type	<Tp>CRRT</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2007-09-13T18:35:12+00:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End Message Type	</camt.004.001.03>

ReturnAccount (Push)_SF_3

Scope: Send to the Collateral Manager information about the refunding of the marginal lending or the marginal lending reverse transaction (CASE 3).

Message Type	<camt.004.001.03>
Message Identification	<MsgId>
Message business identification	<Id>SFCDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Message business identification	<Id>DDDDITRRXXX</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>MGLD</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>0.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>CRRT</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2007-09-13T19:41:08+00:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End Message Type	</camt.004.001.03>

6. 8. 6 ReturnTransaction

Cash Management Standard

ReturnTransaction_SF

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Scope: The Return Transaction Message is used to return information about Standing Facilities transactions. The connected request is performed through a Get Transaction Message. If the query type "CHNG", "MODF" or "DELD" is used in the GetTransaction message, only modified, deleted or new items between two similar queries will be returned.

<camt.006.001.xx>

Structure:

MessageName for Return Transaction

<RtrTx>

M

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>SFCDEFGHIJKLMNOPQRST123456789012345</QryRef>
QueryName	<QryNm>ABC1222</QryNm>
End of Query Reference	</BizQryRef>
Choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIL1234567890ABCDEFGHIL1234567890</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2007-08-13T09:30:47+00:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstructionStatus>
PaymentStatusCode	<PmtInstrSts>
Choice	xorPdgStsFnISts
Pending Status	<PdgSts>PSTL</PdgSts>
Final Status	<FnISts>RJTD</FnISts>
End of choice	/xorPdgStsFnISts
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2007-08-13T09:30:47+00:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
Payment Instruction Status Reason	<PmtInstrStsRsn>
ProprietaryRejectionReason	<PrtryRjctnRsn>

Proprietary Status Reason	<PrtryStsRsn>H001</PrtryStsRsn>
Reason	<Rsn>ERROR DESCRIPTION</Rsn>
End Proprietary Rejection Reason	</PrtryRjctnRsn>
End Payment Instruction Status Reason	</PmtInstrStsRsn>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>716.52</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2007-08-13T09:31:47+00:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Type	<PmtTp>
Payment Type	<PmtTp>MGL</PmtTp>
End Payment Type	</PmtTp>
Payment Instruction Reference	<PmtInstrRef>1234567890123456</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2007-08-13+00:00</IntrBkValDt>
Payment Transaction Party	<PmtTxPty>
Creditor	<Cdtr>BBBBIT22XXX</Cdtr>
End Payment Transaction Party	</PmtTxPty>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>
Operational Error	<OpriErr>
Error handling	<Err>
Proprietary error code	<Prtry>ABC9</Prtry>
End error handling	</Err>
Description	<Desc>error description</Desc>
End of Operational Error	</OpriErr>
End of choice	/xorBizRptOprErr
End messagename ReturnTransaction	</RtrTx>

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Attributes:

name of attribute	format	short description	description
<RtrTx>		Message name for Return Transaction Mandatory	Message name for Return Transaction Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Validation: [1..1]
<QryNm>	35x	QueryName Optional	Recalls the criteria (search and return criteria) defined in a preceding query. Identifier of a preceding message. The cross-reference is used for the creation of delta sets Reference for the delta set retrieval. Value is generated by ICM. Validation: [0..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<TxRpt>		TransactionReport Mandatory	Validation: [1..n]
<InstrRef>		Instruction Reference Mandatory	Validation: [1..1]
<PrtryRef>-</PrtryRef>	43x	Proprietary Reference	Internal transfer identifier. Unique and unambiguous identifier of a transaction, generated by SFM (Standing

name of attribute	format	short description	description
		Optional	Facilities Module). Digits from 10 to 20 of the internal transfer identifier identify the BIC of the sender of the transaction . Validation: [1..1]
</InstrRef>		End of InstructionReference Mandatory	Validation: [1..1]
<Tx>		Transaction Mandatory	Validation: [1..1]
<PmtTo>		PaymentTo Optional	Validation: [0..1]
<Mmbld>		Member Identification Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom transactions are referred (creditor). Validation: [1..1]
</Mmbld>		End Member Identification Optional	Validation: [0..1]
</PmtTo>		End PaymentTo Optional	Validation: [0..1]
<PmtFr>		Payment From Optional	Validation: [0..1]
<Mmbld>		Member Identification Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom transactions are referred (debtor). Validation: [1..1]
</Mmbld>		End Member Identification Optional	Validation: [0..1]
</PmtFr>		End Payment From Optional	Validation: [0..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	Credit debit indicator. It will be: "CRDT" (credit) or "DBIT" (debit). NOTE: Credit debit indicator is always referred to the SFM part of the transaction, e.g. for overnight deposit

name of attribute	format	short description	description
		Optional	setting up will be CRDT, while for marginal lending setting up will be DBIT. Validation: [0..1]
<Pmt>		Payment Optional	Validation: [0..1]
<TrfValDt>		DateAndDateTimeSearchC hoice Optional	Validation: [0..1]
<DtTm>-</DtTm>	DateTime	Date Time Mandatory	Specifies when the transaction arrived in SFM (yyyy-mm-ddThh:mm:ss+ii:nn). Validation: [1..1]
</TrfValDt>		End Transfer Value Date Optional	Validation: [0..1]
<InstrSts>		Instruction Status Optional	Validation: [0..1]
<PmtInstrSts>		PaymentStatusCode Optional	Validation: [0..1]
xorPdgStsFnlSts		Choice Optional	Choice amongst PdgSts or FnlSts Validation: [1..1]
<PdgSts>-</PdgSts>	4x	Pending Status Mandatory	Specifies the (pending) status of the selected transaction. It can be only "PSTL " (pending settlement). The attributes <PdgSts> and <FnlSts> are mutually exclusive. If <FnlSts> is valorised, <PdgSts> will not be valorised, and viceversa. Validation: [1..1]
<FnlSts>-</FnlSts>	4x	Final Status Mandatory	Specifies the (final) status of the selected transaction. It can be: "STLD" (settled) for transactions successfully processed or "RJTD" (rejected) for rejected transactions. The attributes <FnlSts> and <PdgSts> are mutually exclusive. If <FnlSts> is valorised, <PdgSts> will not be valorised, and viceversa. Validation: [1..1]
/xorPdgStsFnlSts		End of choice Mandatory	Validation: [1..1]
</PmtInstrSts>		End PaymentStatusCode Optional	Validation: [0..1]

name of attribute	format	short description	description
<PmtInstrStsDtTm>		PaymentInstructionStatusDate Time Optional	Validation: [0..1]
<DtTm>-</DtTm>	DateTime	Date Time Mandatory	Date and Time at which the transaction assumed its status (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn). Validation: [1..1]
</PmtInstrStsDtTm>		End Payment Instruction Status Date Time Optional	Validation: [0..1]
<PmtInstrStsRsn>		Payment Instruction Status Reason Optional	Validation: [0..1]
<PrtryRjctnRsn>		ProprietaryRejectionReason Mandatory	Validation: [1..1]
<PrtryStsRsn>-</PrtryStsRsn> 4x		Proprietary Status Reason Mandatory	Error code. Validation: [1..1]
<Rsn>-</Rsn>	256x	Reason Mandatory	Error description. Validation: [1..1]
</PrtryRjctnRsn>		End Proprietary Rejection Reason Mandatory	Validation: [1..1]
</PmtInstrStsRsn>		End Payment Instruction Status Reason Optional	Validation: [0..1]
</InstrSts>		End of InstructionStatusSearch Optional	Validation: [0..1]
<InstdAmt>		Instructed Amount Optional	Validation: [0..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency Mandatory	Amount of the transaction . Validation: [1..1]
</InstdAmt>		End Instructed Amount Optional	Validation: [0..1]
<PrcgVldtyTm>		ProcessingValidityTime	This sequence is used to specify the date and the time of

name of attribute	format	short description	description
		Optional	settlement. It will be present only if settlement already occurred. Validation: [0..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time	Settlement Date and Time (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn). Validation: [1..1]
</ProgVldtyTm>		End Processing Validity Time Optional	Validation: [0..1]
<PmtTp>		Payment Type Optional	Payment Type Validation: [0..1]
<PmtTp>-</PmtTp>	4x	Payment Type Mandatory	Specifies the transaction type. Possible values are: "MGL" (Marginal Lending) for marginal lending setting-up, reverse transaction or refund and "OND" (Overnight Deposit) for overnight deposit setting-up, reverse transaction or refund. Validation: [1..1]
</PmtTp>		End Payment Type Optional	Validation: [0..1]
<PmtInstrRef>-</PmtInstrRef>	35x	Payment Instruction Reference Optional	Transaction identifier, i.e. TRN of the SWIFT input message (first 16 characters of <Msgld> of the input message). Validation: [0..1]
<IntrBkValDt>-</IntrBkValDt>		InterbankValueDate Optional	Settlement date (yyyy-mm-dd+ii:nn). Validation: [0..1]
<PmtTxPty>		Payment Transaction Party Optional	Validation: [0..1]
<Cdtr>-</Cdtr>	11x	Creditor Optional	BIC of the creditor. Validation: [0..1]
</PmtTxPty>		End Payment Transaction Party Optional	Validation: [0..1]
</Pmt>		End Payment Optional	Validation: [0..1]
</Tx>		End ofTransaction	

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
</TxRpt>		End Transaction Report Mandatory	Validation: [1..n]	
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..1]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]	
</RtrTx>		End messagename ReturnTransaction Mandatory	Validation: [1..1]	M

Error Codes:

ReturnTransaction_SF_1

Scope: Response to a request of information about standing facilities transactions of a participant (see examples 1 and 2 of Get Transaction).

Message name for Return Transaction

<RtrTx>

M

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>SFCDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFHILBBBBITRRXXXABCDEFHIL1234567890 ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2007-08-13T09:30:47+00:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrStatus>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>RJTD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2007-08-13T09:30:47+00:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
Payment Instruction Status Reason	<PmtInstrStsRsn>
ProprietaryRejectionReason	<PrtryRjctnRsn>
Proprietary Status Reason	<PrtryStsRsn>H001</PrtryStsRsn>
Reason	<Rsn>ERROR DESCRIPTION</Rsn>
End Proprietary Rejection Reason	</PrtryRjctnRsn>
End Payment Instruction Status Reason	</PmtInstrStsRsn>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>716.52</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
Payment Type	<PmtTp>
Payment Type	<PmtTp>OND</PmtTp>
End Payment Type	</PmtTp>
Payment Instruction Reference	<PmtInstrRef>1234567890123456</PmtInstrRef>

InterbankValueDate	<IntrBkValDt>2007-08-13+00:00</IntrBkValDt>
Payment Transaction Party	<PmtTxPty>
Creditor	<Cdtr>BBBBIT22XXX</Cdtr>
End Payment Transaction Party	</PmtTxPty>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHILCLMNITRRXXXBCDEFGHIL1234567890A BC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2007-08-13T09:31:47+00:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2007-08-13T09:30:47+00:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1005.68</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2007-08-13T09:31:47+00:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Type	<PmtTp>
Payment Type	<PmtTp>MGL</PmtTp>
End Payment Type	</PmtTp>
Payment Instruction Reference	<PmtInstrRef>A234567890123456</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2007-08-13+00:00</IntrBkValDt>
Payment Transaction Party	<PmtTxPty>
Creditor	<Cdtr>BBBBIT22XXX</Cdtr>
End Payment Transaction Party	</PmtTxPty>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>

End of BusinessReport

End messagename ReturnTransaction

| </BizRpt>
</RtrTx>

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6. 9 XML messages related to RM

6. 9. 1 AuthorizePenalty (for CBs only)

SSP Proprietary Messages

AuthorizePenalty _RM

Scope: The Authorise Penalty Message is used by NCBs to authorise or cancel penalties for infringements of minimum reserve. This message will be replied by a Receipt Message. Non repudiation of emission (NRE) is supported.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Penalty Management Identification Details

Type

Counterparty Identification

BIC

End Counterparty Identification

End Penalty Management Identification Details

New Penalty Value Set

Maintenance Period

Start Date

End Date

End Maintenance Period

PenaltyType

Penalty Status

End New Penalty Value Set

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>AuthorizePenalty</Tp>

<SspPrtryDt>

<PnltyMgmtId>

<Tp>BLCK</Tp>

<CtrPtyId>

<BIC>AAAAITRRAAA</BIC>

</CtrPtyId>

</PnltyMgmtId>

<NewPnltyValSet>

<MntncPrd>

<FrDt>2007-09-15</FrDt>

<ToDt>2007-10-23</ToDt>

</MntncPrd>

<PnltyTp>ONE</PnltyTp>

<PnltySts>PAY</PnltySts>

</NewPnltyValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It must be: "AuthorizePenalty". Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	Root element for all SSP proprietary data Validation: [1..1]	
<PnltyMgmtId>		Penalty Management Identification Details Mandatory	Validation: [1..1]	
<Tp>-</Tp>	35x	Type Mandatory	It must be: "BLCK". Validation: [1..1]	
<CtrPtyId>		Counterparty Identification Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]	
</CtrPtyId>		End Counterparty Identification Mandatory	Validation: [1..1]	
</PnltyMgmtId>		End Penalty Management Identification Details Mandatory	Validation: [1..1]	

name of attribute	format	short description	description	
<NewPnltyValSet>		New Penalty Value Set Mandatory	Validation: [1..1]	
<MntncPrd>		Maintenance Period Mandatory	Maintenance period to which data are referred. Validation: [1..1]	
<FrDt>-</FrDt>	DateTime	Start Date Mandatory	Start date of the maintenance period (yyyy-mm-dd). Validation: [1..1]	
<ToDt>-</ToDt>	Date	End Date Mandatory	End date of the maintenance period (yyyy-mm-dd). Validation: [1..1]	
</MntncPrd>		End Maintenance Period Mandatory	Validation: [1..1]	
<PnltyTp>-</PnltyTp>	3x	PenaltyType Optional	Specifies the type of penalty to authorise. It can be: "ONE" (penalty for simple infringement) or "TWO" (penalty for repeated infringements). The attribute is mandatory when <PnltySts> is valorised as "PAY". Validation: [0..1]	
<PnltySts>-</PnltySts>	5x	Penalty Status Mandatory	It must be: "PAY" (for authorising penalty) or "NOPAY" (for cancelling penalty). Validation: [1..1]	
</NewPnltyValSet>		End New Penalty Value Set Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of SSP Proprietary Data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		Mandatory	Validation: [1..1]	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM
3	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
4	H13			H013	Error Text: Requested field missing in input Validation: Remark:
5	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
6	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
7	H08			H008	Error Text: Requestor unknown Validation: Remark:
8	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
9	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

AuthorizePenalty_RM_1

Scope: Request to authorise the payment of penalty type 1 (penalty for simple infringements)

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Penalty Management Identification Details

Type

Counterparty Identification

BIC

End Counterparty Identification

End Penalty Management Identification Details

New Penalty Value Set

Maintenance Period

Start Date

End Date

End Maintenance Period

PenaltyType

Penalty Status

End New Penalty Value Set

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>AuthorizePenalty</Tp>

<SspPrtryDt>

<PnltyMgmtId>

<Tp>BLCK</Tp>

<CtrPtyId>

<BIC>AAAAITRRAAA</BIC>

</CtrPtyId>

</PnltyMgmtId>

<NewPnltyValSet>

<MntncPrd>

<FrDt>2007-09-15</FrDt>

<ToDt>2007-10-23</ToDt>

</MntncPrd>

<PnltyTp>ONE</PnltyTp>

<PnltySts>PAY</PnltySts>

</NewPnltyValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 9. 2 GetAccount

Cash Management Standard

GetAccount_RM

Scope: The Get Account Message is used by a participant (or by the NCBs or the co-manager on behalf of the participant) to request information about the fulfilment of the minimum reserve. This message will be replied by a Return Account Message.

<camt.003.001.xx>

Structure:

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
BICIdentifier
End of SearchCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition
End of Message Type

<GetAcct>

```
<MsgId>
|  <Id>RMCDEFGHIJKLMNOPQRST123456789012345</Id>
|  </MsgId>
|  <AcctQryDef>
|  |  <AcctCrit>
|  |  |  <NewCrit>
|  |  |  |  <SchCrit>
|  |  |  |  |  <AcctOwnr>BBBBITRXXX</AcctOwnr>
|  |  |  |  </SchCrit>
|  |  |  </NewCrit>
|  |  </AcctCrit>
|  </AcctQryDef>
```

</GetAcct>

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Attributes:

name of attribute	format	short description	description	
<GetAcct>		Message Type	Message name for GetAccount	M
		Mandatory	Validation: [1..1]	
<MsgId>		Message Identification		
		Mandatory	Validation: [1..1]	
<Id>-</Id>	35x	Message business identification	String of characters that uniquely identifies a message at senders side.	
		Mandatory	Validation: [1..1]	
</MsgId>		End Message Identification		
		Mandatory	Validation: [1..1]	
<AcctQryDef>		Specification of the query criteria.		
		Mandatory	Validation: [0..1]	
<AcctCrit>		Account Criteria		
		Mandatory	Validation: [0..1]	
<NewCrit>		NewCriteria		
		Mandatory	Validation: [1..1]	
<SchCrit>		SearchCriteria		
		Mandatory	Validation: [0..1]	
<AcctOwnr>-</AcctOwnr>		BICIdentifier	BIC of the participant to whom data are referred. The attribute is mandatory when the requestor is the co-manager of the participant or the NCB.	
		Optional	Validation: [0..1]	
</SchCrit>		End of SearchCriteria		
		Mandatory	Validation: [0..1]	
</NewCrit>		End of NewCriteria		
		Mandatory	Validation: [1..1]	
</AcctCrit>		End Account Criteria		
		Mandatory	Validation: [0..1]	
</AcctQryDef>		End Account Query Definition		
		Mandatory	Validation: [0..1]	

name of attribute	format	short description	description
</GetAcct>		End of Message Type	end of Messagname of GetAccount
		Mandatory	Validation: [1..1]

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnAccount
2	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Remark:
3	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
4	H08			H008	Error Text: Requestor unknown Validation: Remark:
5	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:
6	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:

GetAccount_RM_1

Scope: Request of information about the fulfilment of the minimum reserve of a participant, sent by the NCB of the participant.

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
BICIdentifier
End of SearchCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition

<GetAcct>

```
<MsgId>
|   <Id>RMCDEFGHIJKLMNOPQRST123456789012345</Id>
|   </MsgId>
|   <AcctQryDef>
|   |   <AcctCrit>
|   |   |   <NewCrit>
|   |   |   |   <SchCrit>
|   |   |   |   |   <AcctOwnr>BBBBITRRXX</AcctOwnr>
|   |   |   |   </SchCrit>
|   |   |   </NewCrit>
|   |   </AcctCrit>
|   </AcctQryDef>
```

End of Message Type

</GetAcct>

6. 9. 3 GetCompulsoryReserve (for CBs only)

SSP Proprietary Messages

GetCompulsoryReserve_RM

Scope: The Get Compulsory Reserve Message is used by NCBs to request the list of the minimum reserve values for all the participants belonging to the requesting NCB. The request must refer to a specific maintenance period that could be either: (i) the current maintenance period or (ii) the next maintenance period. This message will be replied by a Return Compulsory Reserve Message.

<camt.998.001.xx>

Structure:

Message Type

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Compulsory reserve management Identification

Type

End compulsory reserve management Identification

Maintenance Period

Date From

Date Till

End Maintenance Period

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>GetCompulsoryReserve</Tp>

<SspPrtryDt>

<CmplryRsrvMgmtId>

<Tp>BLCK</Tp>

</CmplryRsrvMgmtId>

<MntncPrd>

<FrDt>2011-10-11</FrDt>

<ToDt>2011-11-18</ToDt>

</MntncPrd>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Message Type Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	It must be GetCompulsoryReserve Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
<CmplryRsrvMgmtId>		Compulsory reserve management Identification Mandatory	Validation: [1..1]	
<Tp>-</Tp>	35x	Type Mandatory	It must be BLCK Validation: [1..1]	
</CmplryRsrvMgmtId>		End compulsory reserve management Identification Mandatory	Validation: [1..1]	
<MntncPrd>		Maintenance Period Optional	If not present, data related to the current maintenance period will be provided. Validation: [0..1]	
<FrDt>-</FrDt>	ISODate	Date From Mandatory	Start date of the maintainance period (yyyy-mm-dd) Validation: [1..1]	

name of attribute	format	short description	description	
<ToDt>-</ToDt>	ISODate	Date Till	Date within a particular calendar year represented by YYYY-MM-DD (ISO 8601). End date of the maintenance period (yyyy-mm-dd) If StartDatePeriod is present, also EndDatePeriod must be present.	
		Mandatory	Validation: [1..1]	
</MntncPrd>		End Maintenance Period		
		Optional	Validation: [0..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	
		Mandatory	Validation: [1..1]	
</PrtryMsg>				
		Mandatory	Validation: [1..1]	

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / ReturnCompulsoryReserve
2	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:
3	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
4	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:
5	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
6	H08			H008	Error Text: Requestor unknown Validation: Remark:

GetCompulsoryReserve_RM_1

Scope: Request of information about the value of the minimum reserve, in the following maintenance period, of all the participants of the requesting NCB

Message Type

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Compulsory reserve management Identification

Type

End compulsory reserve management Identification

Maintenance Period

Date From

Date Till

End Maintenance Period

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>GetCompulsoryReserve</Tp>

<SspPrtryDt>

<CmplryRsrvMgmtId>

<Tp>BLCK</Tp>

</CmplryRsrvMgmtId>

<MntncPrd>

<FrDt>2011-10-11</FrDt>

<ToDt>2011-11-18</ToDt>

</MntncPrd>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 9. 4 GetPenalty (for CBs only)

SSP Proprietary Messages

GetPenalty_ RM

Scope: The Get Penalty Message is used by NCBs to request information about penalties for infringement of minimum reserve. This message will be replied by a Return Penalty Message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Penalty Management Identification Details

Type

Counterparty Identification

BIC

End Counterparty Identification

End Penalty Management Identification Details

Maintenance Period

Start Date

End Date

End Maintenance Period

Penalty Status

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>GetPenalty</Tp>

<SspPrtryDt>

<PnltyMgmtId>

<Tp>BLCK</Tp>

<CtrPtyId>

<BIC>BBBBDERRXXX</BIC>

</CtrPtyId>

</PnltyMgmtId>

<MntncPrd>

<FrDt>2007-09-15</FrDt>

<ToDt>2007-10-23</ToDt>

</MntncPrd>

<PnltySts>PAY</PnltySts>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It must be: "GetPenalty". Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
<PnltyMgmtId>		Penalty Management Identification Details Mandatory	Validation: [1..1]	
<Tp>-</Tp>	35x	Type Mandatory	It must be: "BLCK". Validation: [1..1]	
<CtrPtyId>		Counterparty Identification Optional	Container for the identification of the participant to whom data are referred. If not present, data related to all participants of the requesting NCB will be returned. Validation: [0..1]	
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]	
</CtrPtyId>		End Counterparty Identification Optional	Validation: [0..1]	
</PnltyMgmtId>		End Penalty Management Identification Details Mandatory	Validation:	

name of attribute	format	short description	description	
				[1..1]
<MntncPrd>		Maintenance Period	Container for the identification of the maintenance period to which data are referred. If not present, data related to all maintenance periods will be returned.	
		Optional	Validation: [0..1]	
<FrDt>-</FrDt>	DateTime	Start Date	Start date of the maintenance period (yyyy-mm-dd).	
		Mandatory	Validation: [1..1]	
<ToDt>-</ToDt>	Date	End Date	End date of the maintenance period (yyyy-mm-dd).	
		Mandatory	Validation: [1..1]	
</MntncPrd>		End Maintenance Period		
		Optional	Validation: [0..1]	
<PnltySts>-</PnltySts>	5x	Penalty Status	Status of penalty. It can be: "PAY" (authorized); "WAIT" (waiting); "NOPAY" (cancelled). If PenaltyStatus is not present, data related to all possible status will be returned.	
		Optional	Validation: [0..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>				M
		Mandatory	Validation: [1..1]	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / ReturnPenalty
2	T13	I3	XI93	T013	Error Text: Invalid country code Validation: Remark:
3	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
4	H10	M1		H010	Error Text: Data not found (request data doesn't exist) Validation: Remark:
5	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
6	H08			H008	Error Text: Requestor unknown Validation: Remark:
7	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:
8	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
9	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

GetPenalty_RM_1

Scope: Request of information about penalties related to a specific maintenance period, for all participants and all possible status

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Penalty Management Identification Details

Type

End Penalty Management Identification Details

Maintenance Period

Start Date

End Date

End Maintenance Period

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryDt>

<Tp>GetPenalty</Tp>

<SspPrtryDt>

<PnltyMgmtId>

<Tp>BLCK</Tp>

</PnltyMgmtId>

<MntncPrd>

<FrDt>2007-09-15</FrDt>

<ToDt>2007-10-23</ToDt>

</MntncPrd>

</SspPrtryDt>

</PrtryDt>

</PrtryMsg>

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6. 9. 5 InsertCompulsoryReserve (for CBs only)

SSP Proprietary Messages

InsertCompulsoryReserve_RM

Scope: The Insert Compulsory Reserve Message is used by NCBs to entry the value of the minimum reserve for each credit institution. This message will be replied by a Receipt Message. Non repudiation of emission (NRE) is supported.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Compulsory reserve management Identification

Type

Counterparty Identification

BIC

End Counterparty Identification

End compulsory reserve management Identification

New Compulsory Reserve Value Set

Maintenance Period

Start Date

End Date

End Maintenance Period

Amount

End New Compulsory Reserve Value Set

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>InsertCompulsoryReserve</Tp>

<SspPrtryDt>

<CmplryRsrvMgmtId>

<Tp>BLCK</Tp>

<CtrPtyId>

<BIC>AAAAITRR123</BIC>

</CtrPtyId>

</CmplryRsrvMgmtId>

<NewCmplryRsrvValSet>

<MntncPrd>

<FrDt>2008-04-15</FrDt>

<ToDt>2008-05-23</ToDt>

</MntncPrd>

<Amt>100000.00</Amt>

</NewCmplryRsrvValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It must be: "InsertCompulsoryReserve". Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
<CmplryRsrvMgmtId>		Compulsory reserve management Identification Mandatory	Validation: [1..1]	
<Tp>-</Tp>	35x	Type Mandatory	It must be: "BLCK" (Minimum Reserve). Validation: [1..1]	
<CtrPtyId>		Counterparty Identification Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]	
</CtrPtyId>		End Counterparty Identification Mandatory	Validation: [1..1]	
</CmplryRsrvMgmtId>		End compulsory reserve management Identification Mandatory	Validation: [1..1]	

name of attribute	format	short description	description	
<NewCmplryRsrvValSet>		New Compulsory Reserve Value Set Mandatory	Validation: [1..1]	
<MntncPrd>		Maintenance Period Mandatory	Container for the identification of the maintenance period to which data are referred. Validation: [1..1]	
<FrDt>-</FrDt>	DateTime	Start Date Mandatory	Start date of the maintenance period (yyyy-mm-dd). Validation: [1..1]	
<ToDt>-</ToDt>	Date	End Date Mandatory	End date of the maintenance period (yyyy-mm-dd). Validation: [1..1]	
</MntncPrd>		End Manteinance Period Mandatory	Validation: [1..1]	
<Amt>-</Amt>	14n	Amount Mandatory	Amount of minimum reserve . Validation: [1..1]	
</NewCmplryRsrvValSet>		End New Compulsory Reserve Value Set Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of SSP Proprietary Data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		Mandatory	Validation: [1..1]	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM
3	868	C8	XI19	2868	Error Text: Invalid sending/receiving BIC Validation: Remark:
4	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
5	H11			H011	Error Text: Requested BIC unknown Validation: Remark:
6	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
7	H08			H008	Error Text: Requestor unknown Validation: Remark:
8	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
9	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

InsertCompulsoryReserve_RM_1

Scope: Request to entry the value of the compulsory of a participant

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Compulsory reserve management Identification

Type

Counterparty Identification

BIC

End Counterparty Identification

End compulsory reserve management Identification

New Compulsory Reserve Value Set

Maintenance Period

Start Date

End Date

End Manteinance Period

Amount

End New Compulsory Reserve Value Set

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>InsertCompulsoryReserve</Tp>

<SspPrtryDt>

<CmplryRsrvMgmtId>

<Tp>BLCK</Tp>

<CtrPtyId>

<BIC>AAAAITRR123</BIC>

</CtrPtyId>

</CmplryRsrvMgmtId>

<NewCmplryRsrvValSet>

<MntncPrd>

<FrDt>2008-04-15</FrDt>

<ToDt>2008-05-23</ToDt>

</MntncPrd>

<Amt>100000.00</Amt>

</NewCmplryRsrvValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It must be: "InsertPHABalance". Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
<PHAMgmtId>		PHA Management Identification Mandatory	Validation: [1..1]	
<Ctry>-</Ctry>	2!a	Country Code Mandatory	Country Code of the NCB. Validation: [1..1]	
</PHAMgmtId>		End PHA Management Identification Mandatory	Validation: [1..1]	
<NbOfItms>-</NbOfItms>	18n	Number of Items Mandatory	Progressive number of the XML message (a single XML message for each account balance has to be sent) (18.0). Validation: [1..1]	
<TotNbOfItms>-</TotNbOfItms>	18n	Total Number of Items Mandatory	Total number of XML messages to be sent by the NCB (18.0) Validation: [1..1]	
<NewPHABalValSet>		New PHA Balance Value Set		

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<CtrPtyId>		Counterparty Identification	
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	BIC of the participant to whom data are referred.
		Mandatory	Validation: [1..1]
</CtrPtyId>		End Counterparty Identification	
		Mandatory	Validation: [1..1]
<PHABal>		PHA Balance	
		Mandatory	Validation: [1..1]
<Amt>-</Amt>	14n	Amount	Account balance .
		Mandatory	Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	Credit debit indicator. It must be: "CRDT"(credit).
		Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type	Balance type. It must be: "CLSG" (closing balance).
		Mandatory	Validation: [1..1]
<ValDt>		Value Date	
		Mandatory	Validation: [1..1]
<Dt>-</Dt>	Date	Value Date	Balance date (yyyy-mm-dd).
		Mandatory	Validation: [1..1]
</ValDt>		End Value Date	
		Mandatory	Validation: [1..1]
</PHABal>		End PHA Balance	
		Mandatory	Validation: [1..1]
</NewPHABalValSet>		End New PHA Balance Value Set	
		Mandatory	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	I M
		Mandatory	Validation: [1..1]	
</PrtryMsg>				I M
		Mandatory	Validation: [1..1]	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICBTE" is required Remark: checked by ICM / Receipt
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: Receipt /checked by ICM
3	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
4	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
5	T13	I3	XI93	T013	Error Text: Invalid country code Validation: Remark:
6	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
7	H08			H008	Error Text: Requestor unknown Validation: Remark:
8	H07	M7		H007	Error Text: Account not open Validation: Remark:
9	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
10	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

InsertPHABalance_RM_1

Scope: Request to insert the end of day balance of an account held at PHA (last message of a total of 2 messages)

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

PHA Management Identification

Country Code

End PHA Management Identification

Number of Items

Total Number of Items

New PHA Balance Value Set

Counterparty Identification

BIC

End Counterparty Identification

PHA Balance

Amount

Credit or debit indicator

Type

Value Date

Value Date

End Value Date

End PHA Balance

End New PHA Balance Value Set

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref> RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>InsertPHABalance</Tp>

<SspPrtryDt>

<PHAMgmtId>

<Ctry>DE</Ctry>

</PHAMgmtId>

<NbOfItms>2</NbOfItms>

<TotNbOfItms>2</TotNbOfItms>

<NewPHABalValSet>

<CtrPtyId>

<BIC>AAAADEFFAAA</BIC>

</CtrPtyId>

<PHABal>

<Amt>100000.05</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<Tp>CLSG</Tp>

<ValDt>

<Dt>2007-08-13</Dt>

</ValDt>

</PHABal>

</NewPHABalValSet>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6. 9. 6 InsertPHABalance (for CBs only)

SSP Proprietary Messages

InsertPHABalance_RM

Scope: The Insert PHA Balance Message is used by NCBs to send information about the end of day balance of accounts held at PHA. This message will be replied by a Receipt Message. Non repudiation of emission (NRE) is supported.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

PHA Management Identification

Country Code

End PHA Management Identification

Number of Items

Total Number of Items

New PHA Balance Value Set

Counterparty Identification

BIC

End Counterparty Identification

PHA Balance

Amount

Credit or debit indicator

Type

Value Date

Value Date

End Value Date

End PHA Balance

End New PHA Balance Value Set

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref> RMCDEFGHIJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>InsertPHABalance</Tp>

<SspPrtryDt>

<PHAMgmtId>

<Ctry>DE</Ctry>

</PHAMgmtId>

<NbOfItms>2</NbOfItms>

<TotNbOfItms>2</TotNbOfItms>

<NewPHABalValSet>

<CtrPtyId>

<BIC>AAAADEFFAAA</BIC>

</CtrPtyId>

<PHABal>

<Amt>100000.05</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<Tp>CLSG</Tp>

<ValDt>

<Dt>2007-08-13</Dt>

</ValDt>

</PHABal>

</NewPHABalValSet>

</SspPrtryDt>

</PrtryData>

<PrtryMsg>

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6. 9. 7 ReturnAccount

Cash Management Standard

ReturnAccount_RM

Scope: The Return Account Message is used to return information about the fulfilment of the minimum reserve of a specified participant. Depending on the selected participant, the following information will be returned: (i) for direct minimum reserve maintainers: the value of the minimum reserve, the end of day balance, the running average and the adjustment balance; (ii) for intermediaries (direct maintainers which manage the reserve requirement also for one or more indirect maintainers): the value of the minimum reserve (including the list of the minimum reserve due by the connected indirect maintainers), the end of day balance, the running average and the adjustment balance; (iii) for participants which are members of a pool of accounts of a MFI: the value of the minimum reserve, the end of day balance of all the accounts which belong to the same pool, the running average and the adjustment balance; (iv) for indirect minimum reserve maintainers: the value of the minimum reserve requirement only. The connected request is performed through a Get Account Message.

<camt.004.001.xx>

Structure:

Message Type

Message Identification	<MsgId>	
Message business identification	<Id>BBBBITRRXXX</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>RMCDEFGHIJKLMNOPQRST123456789012345</QryRe	
End of Query Reference	</BizQryRef>	
Choice	xorBizRptOprlErr	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRXXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	
BalanceTypeCode	<Cd>OPNG</Cd>	
End balance type choice	</Tp>	
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
Operational Error	<OprlErr>	
Error handling	<Err>	
Proprietary error code	<Prtry>ABC9</Prtry>	
End error handling	</Err>	
Description	<Desc>error description</Desc>	
End of Operational Error	</OprlErr>	
End choice	/xorBizRptOprlErr	

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Attributes:

name of attribute	format	short description	description
<RtrAcct>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport Mandatory	The following cases are possible: 1) The specified participant is a direct compulsory reserve maintainer (without indirects): only one instance of <AcctRpt> will be present, with data concerning the direct maintainer. 2) The specified participant is a intermediary (direct maintainer with n indirects): <AcctRpt> will be repeated n+1 times; the first instance will refer to the direct maintainer and will contain the total value of the compulsory reserve (sum of the compulsory reserve of the direct maintainer plus the minimum reserve of all its indirects); the following instances will contain specific data (minimum reserve) of the direct maintainer and of each indirect. 3) The specified participant is an indirect maintainer: only one instance of <AcctRpt> will be present, with data concerning the indirect maintainer. 4) The specified participant is a member of a pool of accounts of a MFI (composed of n members): <AcctRpt> will be repeated n+1 times; the first instance will refer to the MFI leader and will the contain the global data of the pool; the following instances will contain data (opening balance) specific for each member of the pool. Validation: [1..n]

name of attribute	format	short description	description
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Optional	Specifies the type of the participant's account used for the fulfillment of the minimum reserve. It will be "CACC" (HAM or PHA account) or "SACC" (RTGS account). It will not be present in case of indirect maintainers. Validation: [0..1]
<MulBal>		MultilateralBalance Mandatory	Validation: [1..4]
<Amt>-</Amt>	18d	Amount Mandatory	Amount . Depending on the content of the tag <Tp> the amount could refer either to: the Opening Balance, the Minimum Reserve, the Adjustment Balance or the Progressive Average. Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Credit debit indicator. It can be: CRDT (credit) or DBIT (debit). Validation: [1..1]
<Tp>		BalanceTypeCode Mandatory	Nature of the event that has occurred. Balance type. It can be: "OPNG" (opening balance) or "CRRT" (current balance). Special case: if the account is no more active, but a balance greater than zero is still present, it will be "CLSG" (closing balance). Validation: [1..1]
<Cd>		BalanceTypeCode	Specifies the nature of the balance, eg, opening balance. ADJT= Adjustment Balance to be held in the settlement account in order to

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name of attribute	format	short description	description
			<p>comply with the average reserve due, in the event that the bank's balance is equal to the reserve due during the remaining days of the maintenance period.</p> <p>AVLB = Available Balance of money or securities that is at the disposal of the account owner on the date specified.</p> <p>BLCK = Blocked Balance representing the regulatory reserve that a financial institution must have with the account servicing institution, eg, the minimum credit balance a financial institution is to keep with its Central Bank for mandatory reserve purposes. In some countries, a blocked balance is known as a 'reserve' balance.</p> <p>BOOK = Book Balance that is registered in the books of the account servicer.</p> <p>CLSG = Closing Balance of the account at the end of the account servicer's business day. It is the sum of the opening balance at the beginning of the day and all entries booked to the account during the account servicer's business day.</p> <p>CRDT = Credit Balance representing the sum of all credit entries booked to an account.</p> <p>CRRT = Current Balance of the account at a precise moment in time.</p> <p>DBIT = Debit Balance representing the sum of all debit entries booked to an account.</p> <p>DLOD = DaylightOverdraft Balance representing the intra day overdraft granted by the Central Bank to financial institutions participating in a RTGS system. This balance may vary over time and shall be offset at the end of the day.</p> <p>EAST = EligibleAssets Balance representing the potential loan a Central Bank would make in cash if the collateral is pledged, eg, securities available and eligible as collateral with the Central Bank.</p> <p>INTM = Interim Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day. The interim balance is calculated on the basis of booked credit and debit items during the calculation time/period specified.</p> <p>LRLD = LimitRelated Balance of a specific limit value, eg, a bilateral balance is calculated in relation to a given bilateral limit.</p> <p>LTSF= LiquidityTransfer Balance composed of the sum of all liquidity transfers made to or from an account.</p> <p>OPNG = Opening Book balance of the account at the beginning of the account servicer's business day. It always equals the closing book balance from the previous business day. Note: the available balance at the beginning of the account servicer's business day may be different from the closing book balance from the previous business day.</p> <p>PDNG = Pending Balance of securities pending delivery, eg, orders to sell securities have been executed but settlement of the open transactions has not been confirmed.</p> <p>PRAV = ProgressiveAverage Average of the daily balances on the account used to</p>

name of attribute	format	short description	description
			<p>fulfil the reserve requirements calculated from the beginning of the maintenance period.</p> <p>PYMT = Payment Balance representing the sum of entries as a result of payments processing. Entries relating to fees, interest, or other movements not a result of payments sent or received by the account owner are not included.</p> <p>XCRD = ExpectedCredit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day credit balance if everything books to the account and no other credit entry is posted.</p> <p>XDBT = ExpectedDebit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day debit balance if everything books to the account and no other debit entry is posted.</p> <p>XPCD = Expected Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day balance if everything is booked on the account and no other entry is posted.</p> <p>*****NOTE = Noted Balance Balance representing the amount that a financial institution has set aside for a specific reason and which is therefore not available</p> <p>Type of amount. It can be: "OPNG" (opening balance); "BLCK" (Minimum Reserve); "ADJT" (Adjustment Balance) "PRAV" (Progressive Average).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</Tp>		End balance type choice	<p>Mandatory</p> <p>Validation: [1..1]</p>
<ValDt>		Value Date	<p>Mandatory</p> <p>Validation: [0..1]</p>
<DtTm>-</DtTm>	DateTime	Date Time	<p>Date and time of the response (with UTC shift) (yyyy-mm-ddThh:mm:ss+ii:nn).</p> <p>Mandatory</p> <p>Validation: [1..1]</p>
</ValDt>		End Value Date	<p>Optional</p> <p>Validation: [0..1]</p>
</MulBal>		End of MultilateralBalance	<p>Mandatory</p> <p>Validation: [1..4]</p>
</Acct>		End of Account	<p>Mandatory</p> <p>Validation: [1..1]</p>
</AcctRpt>		End of AccountReport	<p>Mandatory</p> <p>Validation: [1..n]</p>
</BizRpt>		End of BusinessReport	

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End choice Mandatory	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation: [1..1]	
</RtrAcct>		End of Message Type Mandatory	Validation: [1..1]	M

Error Codes:

ReturnAccount_RM_1

Scope: A response to a request of information about the fulfilment of the minimum reserve of a direct maintainer without indirects (see Get Account example 1).

Message Type	<RtrAcct>	
Message Identification	<MsgId>	
Message business identification	<Id>CMCDEFGHIJKLMNOPQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>RMCDEFGHIJKLMNOPQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRXXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>BLCK</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>PRAV</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>ADJT</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	

BalanceTypeCode					<Tp>	A
BalanceTypeCode					<Cd>OPNG</Cd>	A
End balance type choice					</Tp>	A
Value Date					<ValDt>	
Date Time					<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date					</ValDt>	
End of MultilateralBalance					</MulBal>	
End of Account					</Acct>	
End of AccountReport					</AcctRpt>	
End of BusinessReport					</BizRpt>	
End of Message Type					</RtrAcct>	M

ReturnAccount_RM_2

Scope: A response to a request of information about the fulfillment of the minimum reserve of an intermediary (direct maintainer which manages the reserve requirement also for indirect maintainers) (see Get Account example 1).

Message Type	<RtrAcct>	
Message Identification	<MsgId>	
Message business identification	<Id>ABCDEFGHIJKLMNQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>RMCDEFGHIJKLMNQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRXXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>BLCK</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>PRAV</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>ADJT</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	

BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>OPNG</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1000.11</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>BLCK</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRYYY</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>234.45</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>BLCK</Cd>	A
End balance type choice	</Tp>	A
		D
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
End of Message Type	</RtrAcct>	M

ReturnAccount_RM_3

Scope: A response to a request of information about the fulfilment of the minimum reserve of a member or a leader of a pool of accounts of a MFI (see Get Account example 1).

Message Type	<RtrAcct>	
Message Identification	<MsgId>	
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>RMCDEFGHIJKLMNOPQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRXXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>BLCK</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>PRAV</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>ADJT</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	

BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>OPNG</Cd>	A
End balance type choice	</Tp>	A
		D
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1000.00</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>OPNG</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRYYY</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
Type	<Tp>CACC</Tp>	
MultilateralBalance	<MulBal>	
Amount	<Amt>234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>OPNG</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
End of Message Type	</RtrAcct>	M

ReturnAccount_RM_4

Scope: A response to a request of information about the fulfilment of the minimum reserve of an indirect maintainer (see Get Account example 1).

Message Type

Message Identification	<MsgId>	
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>	
End Message Identification	</MsgId>	
BusinessQueryReference	<BizQryRef>	
QueryReference	<QryRef>RMCDEFGHIJKLMNOPQRST123456789012345</QryRef>	
End of Query Reference	</BizQryRef>	
BusinessReport	<BizRpt>	
AccountReport	<AcctRpt>	
Account Identification	<AcctId>	
Simple Identification Information	<DmstAcct>	
Message business identification	<Id>BBBBITRRXX</Id>	
End of simple Identification Information	</DmstAcct>	
End of Account Identification	</AcctId>	
Account Identification	<Acct>	
MultilateralBalance	<MulBal>	
Amount	<Amt>1234.56</Amt>	
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>	
BalanceTypeCode	<Tp>	A
BalanceTypeCode	<Cd>BLCK</Cd>	A
End balance type choice	</Tp>	A
Value Date	<ValDt>	
Date Time	<DtTm>2008-09-12T15:29:00+00:00</DtTm>	
End Value Date	</ValDt>	
End of MultilateralBalance	</MulBal>	
End of Account	</Acct>	
End of AccountReport	</AcctRpt>	
End of BusinessReport	</BizRpt>	
End of Message Type	</RtrAcct>	M

6. 9. 8 ReturnCompulsoryReserve (for CBs only)

SSP Proprietary Messages

ReturnCompulsoryReserve_RM

Scope: The Return Compulsory Reserve Message is used to return to NCBs information about the value of the minimum reserve of all the participants belonging to the requesting NCB. The connected request is performed through a Get Compulsory Reserve Message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Type

SSP Proprietary Data

Choice

BusinessReport

AccountReport

Account Identification

BIC

End of Account Identification

Account Identification

MultilateralBalance

Amount

Credit or debit indicator

Type

Maintenance Period

Start Date

End Date

End Maintenance Period

End of MultilateralBalance

End of Account

End of AccountReport

End of BusinessReport

Operational Error

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

Ref>RMCDEFGHIJKLMNOPQRST123456789012345-</Ref>

</MsgId>

<Rltd>

<Ref>ABCDEFGHIJKLMNQRST123456789012345-</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnCompulsoryReserve</Tp>

<SspPrtryDt>

xorBizRptOprlErr

<BizRpt>

<AcctRpt>

<AcctId>

<BIC>ATALIT22XXX</BIC>

</AcctId>

<Acct>

<MulBal>

<Amt>7890.12</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<Tp>BLCK</Tp>

<MntncPrd>

<FrDt>2011-10-11+00:00</FrDt>

<ToDt>2011-11-18+00:00</ToDt>

</MntncPrd>

</MulBal>

</Acct>

</AcctRpt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>H0X</Prtry>

</Err>

<Desc>DESC</Desc>

</OprlErr>

/xorBizRptOprlErr

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

A

A

A

D

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<Rltd>		Related Mandatory	References a previously received message. Validation: [1..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Message identification of the connected request . Validation: [1..1]	
</Rltd>		End of Related Mandatory	End of Related Validation: [1..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	It will be ReturnCompulsoryReserve Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
xorBizRptOprlErr		Choice Mandatory	Choice amongst BizRpt and OprlErr Validation: [1..1]	
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]	
<AcctRpt>		AccountReport Mandatory	This section will be repeated n times, one for each participant of the requesting NCB. Validation:	

name of attribute	format	short description	description
[1..n]			
<AcctId>		Account Identification Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Validation: [1..1]
<MulBal>		MultilateralBalance Mandatory	Validation: [1..1]
<Amt>-</Amt>	18d	Amount Mandatory	Amount of minimum reserve . Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Credit debit indicator. It will be: CRDT (credit) Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Type of amount. It will be BLCK (Minimum Reserve) Validation: [1..1]
<MntncPrd>		Maintenance Period Optional	Validation: [0..1]
<FrDt>-</FrDt>	DateTime	Start Date Mandatory	Start date of the maintainance period (yyyy-mm-dd+ii:nn) Validation: [1..1]
<ToDt>-</ToDt>	Date	End Date Mandatory	End date of the maintainance period (yyyy-mm-dd+ii:nn) Validation: [1..1]
</MntncPrd>		End Manteinance Period Optional	Validation: [0..1]
</MulBal>		End of MultilateralBalance Mandatory	Validation: [1..4]
</Acct>		End of Account Mandatory	Validation:

name of attribute	format	short description	description	
[1..1]				
</AcctRpt>		End of AccountReport Mandatory	Validation: [1..n]	
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..1]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
				D
Validation:				
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory	End of SSP Proprietary Data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory	Validation: [1..1]	M

Error Codes:

ReturnCompulsory Reserve_RM_1

Scope: A response to a request of information about value of the minimum reserve in a specified period of all the participants of the requesting NCB. (see Get Compulsory Reserve example 1)

Name Proprietary message

<PrtryMsg>

Message Identification

<MsgId>

Reference

<Ref>RMCDEFGHIJKLMNOPQRST123456789012345-</Ref>

End Message Identification

</MsgId>

Related

<Rltd>

Reference

<Ref>ABCDEFGHIJKLMNQRST123456789012345-</Ref>

End of Related

</Rltd>

Proprietary Data

<PrtryData>

Type

<Tp>ReturnCompulsoryReserve</Tp>

SSP Proprietary Data

<SspPrtryDt>

BusinessReport

<BizRpt>

AccountReport

<AcctRpt>

Account Identification

<AcctId>

BIC

<BIC>BBBBITRRXXX</BIC>

End of Account Identification

</AcctId>

Account Identification

<Acct>

MultilateralBalance

<MulBal>

Amount

<Amt>1234.56</Amt>

Credit or debit indicator

<CdtDbtInd>CRDT</CdtDbtInd>

Type

<Tp>BLCK</Tp>

Maintenance Period

<MntncPrd>

Start Date

<FrDt>2011-10-11+00:00</FrDt>

End Date

<ToDt>2011-11-18+00:00</ToDt>

End Maintenance Period

</MntncPrd>

End of MultilateralBalance

</MulBal>

End of Account

</Acct>

End of AccountReport

</AcctRpt>

AccountReport

<AcctRpt>

Account Identification

<AcctId>

BIC

<BIC>ATALIT22XXX</BIC>

End of Account Identification

</AcctId>

Account Identification

<Acct>

MultilateralBalance

<MulBal>

Amount

<Amt>7890.12</Amt>

Credit or debit indicator

<CdtDbtInd>CRDT</CdtDbtInd>

Type

<Tp>BLCK</Tp>

Maintenance Period

<MntncPrd>

Start Date

<FrDt>2011-10-11+00:00</FrDt>

End Date

<ToDt>2011-11-18+00:00</ToDt>

End Maintenance Period

</MntncPrd>

End of MultilateralBalance

</MulBal>

End of Account

</Acct>

End of AccountReport

</AcctRpt>

End of BusinessReport

</BizRpt>

End of SSP Proprietary Data

</SspPrtryDt>

End of Proprietary Data

</PrtryData>

End proprietary message

</PrtryMsg>

6. 9. 9 ReturnPenalty (for CBs only)

SSP Proprietary Messages

ReturnPenalty_RM

Scope: The Return Penalty message is used to return information about penalties for infringement of minimum reserve. The connected request is performed through a Get Penalty Message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Type

SSP Proprietary Data

Choice

BusinessReport

Penalty Report

Penalty Management Identification Details

Type

Country Code

Counterparty Identification

BIC

End Counterparty Identification

End Penalty Management Identification Details

Maintenance Period

Start Date

End Date

End Maintenance Period

Penalty Status

PenaltyType

PenaltyAmountMethodOne

PenaltyAmountMethodTwo

End Penalty Report

AccountReport

Account Identification

BIC

End of Account Identification

Account Identification

MultilateralBalance

Amount

Credit or debit indicator

Type

Value Date Time

End of MultilateralBalance

End of Account

End of AccountReport

End of BusinessReport

OperationalError

<PrtryMsg>

<MsgId>

<Ref>ABCDEFGHJKLMNOPQRST123456789012345</Ref>

</MsgId>

<Rltd>

<Ref>RMCDEFGHJKLMNOPQRST123456789012345</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnPenalty</Tp>

<SspPrtryDt>

xorBizRptOprlErr

<BizRpt>

<PnltyRpt>

<PnltyMgmtId>

<Tp>BLCK</Tp>

<Ctry>DE</Ctry>

<CtrPtyId>

<BIC>BBBBDEFFBBB</BIC>

</CtrPtyId>

</PnltyMgmtId>

<MntncPrd>

<FrDt>2007-09-15+00:00</FrDt>

<ToDt>2007-10-23+00:00</ToDt>

</MntncPrd>

<PnltySts>WAIT</PnltySts>

<PnltyTp>ONE</PnltyTp>

<FirstAmt>100.00</FirstAmt>

<SecondAmt>500.00</SecondAmt>

</PnltyRpt>

<AcctRpt>

<AcctId>

<BIC>BBBBDEFFBBB</BIC>

</AcctId>

<Acct>

<MulBal>

<Amt>5000.00</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<Tp>PRAV</Tp>

<ValDt>2007-10-25T09:30:47+00:00</ValDt>

</MulBal>

</Acct>

</AcctRpt>

</BizRpt>

<OprlErr>

Error handling				<Err>	A
Proprietary error code				<Prtry>ABC9</Prtry>	A
End error handling				</Err>	A
					D
Description				<Desc>error description</Desc>	
End of Operational Error				</OpriErr>	
End of choice				/xorBizRptOpriErr	
End of SSP Proprietary Data				</SspPrtryDt>	
End of Proprietary Data				</PrtryData>	M
				</PrtryMsg>	M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<Rltd>		Related Mandatory	References a previously received message. Validation: [1..1]	M
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference Message identification of the connected request . Validation: [1..1]	
</Rltd>		End of Related Mandatory	End of Related Validation: [1..1]	M
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It will be: "ReturnPenalty". Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
xorBizRptOprlErr		Choice Mandatory	Choice amongst business report and operational error Validation: [1..1]	
<BizRpt>		BusinessReport Mandatory	Validation: [1..n]	
<PnltyRpt>		Penalty Report Mandatory	Validation: [1..1]	

name of attribute	format	short description	description
<PnltyMgmtId>		Penalty Management Identification Details Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	It will be: "BLCK". Validation: [1..1]
<Ctry>-</Ctry>	2!a	Country Code Mandatory	Country Code of the relevant NCB. Validation: [1..1]
<CtrPtyId>		Counterparty Identification Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]
</CtrPtyId>		End Counterparty Identification Mandatory	Validation: [1..1]
</PnltyMgmtId>		End Penalty Management Identification Details Mandatory	Validation: [1..1]
<MntncPrd>		Maintenance Period Mandatory	Maintenance period to which data are referred. Validation: [1..1]
<FrDt>-</FrDt>	DateTime	Start Date Mandatory	Start date of the maintenance period (yyyy-mm-dd+ii:nn). Validation: [1..1]
<ToDt>-</ToDt>	Date	End Date Mandatory	End date of the maintenance period (yyyy-mm-dd+ii:nn). Validation: [1..1]
</MntncPrd>		End Maintenance Period Mandatory	Validation: [1..1]
<PnltySts>-</PnltySts>	5x	Penalty Status Mandatory	Status of penalty. It can be: "PAY" (authorized); "WAIT" (waiting); "NOPAY" (cancelled). Validation: [1..1]
<PnltyTp>-</PnltyTp>	3x	PenaltyType Optional	In case of authorised penalties, specifies the type of penalty the has been authorised. It can be: "ONE" (penalty for simple infringement) or "TWO" (penalty for repeated infringements). Validation: [0..1]

name of attribute	format	short description	description
<FirstAmt>-</FirstAmt>	18d	PenaltyAmountMethodOne Mandatory	Amount of penalty Type 1 (penalty for simple infringement) . Validation: [1..1]
<SecondAmt>-</SecondAmt>	18d	PenaltyAmountMethodTwo Mandatory	Amount of penalty Type 2 (penalty for repeated infringements) . Validation: [1..1]
</PnltyRpt>		End Penalty Report Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport Mandatory	Validation: [1..1]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Validation: [1..1]
<MulBal>		MultilateralBalance Mandatory	Validation: [1..n]
<Amt>-</Amt>	18d	Amount Mandatory	Amount . Depending on the content of the tag <Tp> the amount could refer either to the Minimum Reserve (<Tp>= BLCK) or to the balance average in the relevant maintenance period (<Tp>= PRAV). Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Credit Debit Indicator. It will be: "CRDT" (credit). Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Type of amount. It will be: "BLCK" (for Minimum Reserve) or "PRAV" (Progressive Average) for the balance average in the relevant maintenance period. Validation: [1..1]
<ValDt>-</ValDt>	Date	Value Date Time	Date and time of the response (with UTC shift) (yyyy-mm-

name of attribute	format	short description	description
		Mandatory	ddThh:mm:ss+ii:nn). Validation: [1..1]
</MulBal>		End of MultilateralBalance Mandatory	Validation: [1..n]
</Acct>		End of Account Mandatory	Validation: [1..1]
</AcctRpt>		End of AccountReport Mandatory	Validation: [1..1]
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..n]
<OprlErr>		OperationalError Mandatory	Indicates an operational error Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Specification of the error, in coded form Validation: [1..1]
<Err>		Error handling Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]
</Err>		End error handling Mandatory	Validation: [1..1]
			Validation:
<Desc>-</Desc>	140x	Description Optional	Specification of the error, in free format. Error description Validation: [0..1]
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]

name of attribute	format	short description	description	
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	
		Mandatory	Validation: [1..1]	M
</PrtryMsg>				
		Mandatory	Validation: [1..1]	M

Error Codes:

ReturnPenalty_RM_1

Scope: Response to a request of information about penalties related to a specific maintenance period, for all participants of the requesting NCB and all possible status (see GetPenalty example 1)

Name Proprietary message

<PrtryMsg>

Message Identification

<MsgId>

Reference

<Ref>ABCDEFGHIJKLMNQRST123456789012345</Ref>

End Message Identification

</MsgId>

Related

<Rltd>

Reference

<Ref>RMCDEFGHIJKLMNQRST123456789012345</Ref>

End of Related

</Rltd>

Proprietary Data

<PrtryData>

Type

<Tp>ReturnPenalty</Tp>

SSP Proprietary Data

<SspPrtryDt>

BusinessReport

<BizRpt>

Penalty Report

<PnltyRpt>

Penalty Management Identification Details

<PnltyMgmtId>

Type

<Tp>BLCK</Tp>

Country Code

<Ctry>DE</Ctry>

Counterparty Identification

<CtrPtyId>

BIC

<BIC>AAAADEFFAAA</BIC>

End Counterparty Identification

</CtrPtyId>

End Penalty Management Identification Details

</PnltyMgmtId>

Maintenance Period

<MntncPrd>

Start Date

<FrDt>2007-09-15</FrDt>

End Date

<ToDt>2007-10-23</ToDt>

End Maintenance Period

</MntncPrd>

Penalty Status

<PnltySts>PAY</PnltySts>

PenaltyType

<PnltyTp>ONE</PnltyTp>

PenaltyAmountMethodOne

<FirstAmt>50.00</FirstAmt>

PenaltyAmountMethodTwo

<SecondAmt>500.00</SecondAmt>

End Penalty Report

</PnltyRpt>

AccountReport

<AcctRpt>

Account Identification

<AcctId>

BIC

<BIC>AAAADEFFAAA</BIC>

End of Account Identification

</AcctId>

Account Identification

<Acct>

MultilateralBalance

<MulBal>

Amount

<Amt>10000.00</Amt>

Credit or debit indicator

<CdtDbtInd>CRDT</CdtDbtInd>

Type

<Tp>BLCK</Tp>

Value Date Time

<ValDt>2007-10-25T09:30:47-05:00</ValDt>

End of MultilateralBalance

</MulBal>

MultilateralBalance

<MulBal>

Amount

<Amt>1000.00</Amt>

Credit or debit indicator

<CdtDbtInd>CRDT</CdtDbtInd>

Type

<Tp>PRAV</Tp>

Value Date Time

<ValDt>2007-10-25T09:30:47-05:00</ValDt>

End of MultilateralBalance

</MulBal>

End of Account

</Acct>

End of AccountReport

</AcctRpt>

End of BusinessReport

</BizRpt>

BusinessReport

<BizRpt>

Penalty Report	<PnltyRpt>
Penalty Management Identification Details	<PnltyMgmtId>
Type	<Tp>BLCK</Tp>
Country Code	<Ctry>DE</Ctry>
Counterparty Identification	<CtrPtyId>
BIC	<BIC>BBBBBDEFFBBB</BIC>
End Counterparty Identification	</CtrPtyId>
End Penalty Management Identification Details	</PnltyMgmtId>
Maintenance Period	<MntncPrd>
Start Date	<FrDt>2007-09-15</FrDt>
End Date	<ToDt>2007-10-23</ToDt>
End Manteinance Period	</MntncPrd>
Penalty Status	<PnltySts>WAIT</PnltySts>
PenaltyAmountMethodOne	<FirstAmt>100.00</FirstAmt>
PenaltyAmountMethodTwo	<SecondAmt>200.00</SecondAmt>
End Penalty Report	</PnltyRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
BIC	<BIC>BBBBBDEFFBBB</BIC>
End of Account Identification	</AcctId>
Account Identification	<Acct>
MultilateralBalance	<MulBal>
Amount	<Amt>50000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>BLCK</Tp>
Value Date Time	<ValDt>2007-10-25T09:30:47-05:00</ValDt>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>5000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>PRAV</Tp>
Value Date Time	<ValDt>2007-10-25T09:30:47-05:00</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryData>
	</PrtryMsg>

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6. 9.10 SendPeriodicFlow (for CBs only)

SSP Proprietary Messages

SendPeriodicFlow_RM

Scope: The Send Periodic Flow File is used to send to NCBs, in push mode (FileAct), information on interests to be paid for compulsory reserve and penalties for infringements.

<camt.998.001.xx>

Structure:

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Type	<Tp>SendPeriodicFlow</Tp>
SSP Proprietary Data	<SspPrtryDt>
Country Code	<Ctry>DE</Ctry>
Maintenance Period	<MntncPrd>
Start Date	<FrDt>2007-09-15+00:00</FrDt>
End Date	<ToDt>2007-10-15+00:00</ToDt>
End Maintenance Period	</MntncPrd>
SettlementDate	<RptValDt>2007-10-17+00:00</RptValDt>
Number of Items	<NbOfItms>3 </NbOfItms>
Total Number of Items	<TotNbOfItms>3</TotNbOfItms>
Flow report	<FlowRpt>
Counterparty Identification	<CtrPtyId>
BIC	<BIC>AAAADEFFAAA</BIC>
End Counterparty Identification	</CtrPtyId>
AccountReport	<AcctRpt>
Account Identification	<Acct>
MultilateralBalance	<MulBal>
Amount	<Amt>12121.20</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>PRAV</Tp>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
Interest report	<IntrstRpt>
Amount	<Amt>12121.20</Amt>
End Interest report	</IntrstRpt>
Penalty Report	<PnltyRpt>
PenaltyAmountMethodOne	<FirstAmt>10.00</FirstAmt>
PenaltyAmountMethodTwo	<SecondAmt>20.00</SecondAmt>
End Penalty Report	</PnltyRpt>
End flow report	</FlowRpt>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</camt.998.001.01>

Attributes:

name of attribute	format	short description	description
<camt.998.001.01>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<PrtryDt>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It will be: "SendPeriodicFlow". Validation: [1..1]
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]
<Ctry>-</Ctry>	21a	Country Code Mandatory	Country Code of the NCB. Validation: [1..1]
<MntncPrd>		Maintenance Period Mandatory	Container for the identification of the maintenance period to which data are referred. Validation: [1..1]
<FrDt>-</FrDt>	DateTime	Start Date Mandatory	Start date of the maintenance period (yyyy-mm-dd+ii:nn). Validation: [1..1]
<ToDt>-</ToDt>	Date	End Date Mandatory	End date of the maintenance period (yyyy-mm-dd+ii:nn). Validation: [1..1]
</MntncPrd>		End Maintenance Period Mandatory	Validation: [1..1]
<RptValDt>-</RptValDt>	Date	SettlementDate Mandatory	Settlement date of interests (yyyy-mm-dd+ii:nn) Validation:

name of attribute	format	short description	description
[1..1]			
<NbOfItms>-</NbOfItms>	18n	Number of Items	Progressive number of the file (each report can be composed of more than one file) (18.0).
		Mandatory	Validation: [1..1]
<TotNbOfItms>-</TotNbOfItms>	18n	Total Number of Items	Total number of files which form a single report (18.0).
		Mandatory	Validation: [1..1]
<FlowRpt>		Flow report	
		Mandatory	Validation: [1..n]
<CtrPtyId>		Counterparty Identification	
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	BIC of the participant to whom data are referred.
		Mandatory	Validation: [1..1]
</CtrPtyId>		End Counterparty Identification	
		Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport	
		Mandatory	Validation: [1..1]
<Acct>		Account Identification	
		Mandatory	Validation: [1..1]
<MulBal>		MultilateralBalance	
		Mandatory	Validation: [2..2]
<Amt>-</Amt>	18d	Amount	Amount . Depending on the content of the tag <Tp> the amount could refer either to the Compulsory Reserve (<Tp>= BLCK) or to the balance average in the relevant maintenance period (<Tp>= PRAV).
		Mandatory	Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	Credit debit indicator. It will be: "CRDT" (credit).
		Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type	Amount type. It can be: "BLCK" (Compulsory Reserve) or PRAV" (Progressive Average) for the balance average in the relevant maintenance period.
		Mandatory	Validation: [1..1]
</MulBal>		End of MultilateralBalance	

name of attribute	format	short description	description
		Mandatory	Validation: [2..2]
</Acct>		End of Account	
		Mandatory	Validation: [1..1]
</AcctRpt>		End of AccountReport	
		Mandatory	Validation: [1..1]
<IntrstRpt>		Interest report	
		Optional	Validation: [0..1]
<Amt>-</Amt>	18d	Amount	Amount of calculated interests .
		Mandatory	Validation: [1..1]
</IntrstRpt>		End Interest report	
		Optional	Validation: [0..1]
<PnltyRpt>		Penalty Report	Container for information about penalties. It will be present only in case of infringements.
		Optional	Validation: [0..1]
<FirstAmt>-</FirstAmt>	18d	PenaltyAmountMethodOne	Amount of "Penalty Type 1" (penalty in case of simple infringements) .
		Mandatory	Validation: [1..1]
<SecondAmt>-</SecondAmt>	18d	PenaltyAmountMethodTwo	Amount of "Penalty Type 2" (penalty in case of repeated infringements) .
		Mandatory	Validation: [1..1]
</PnltyRpt>		End Penalty Report	
		Optional	Validation: [0..1]
</FlowRpt>		End flow report	
		Mandatory	Validation: [1..n]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation: [1..1]
</PrtryDt>		End of Proprietary Data	
		Mandatory	Validation: [1..1]
</camt.998.001.01>		End Message Type	
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
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Error Codes:

SendPeriodicFlow_RM_1

Scope: Report on interests to be paid for compulsory reserve and penalties for infringements (last file of the report; whole report composed by 3 files).

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>RMCDEFGHIJKLMNOPQRST123456789012345</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Type	<Tp>SendPeriodicFlow</Tp>
SSP Proprietary Data	<SspPrtryDt>
Country Code	<Ctry>DE</Ctry>
Maintenance Period	<MntncPrd>
Start Date	<FrDt>2007-09-15+00:00</FrDt>
End Date	<ToDt>2007-10-15+00:00</ToDt>
End Maintenance Period	</MntncPrd>
SettlementDate	<RptValDt>2007-10-17+00:00</RptValDt>
Number of Items	<NbOfItms>3</NbOfItms>
Total Number of Items	<TotNbOfItms>3</TotNbOfItms>
Flow report	<FlowRpt>
Counterparty Identification	<CtrPtyId>
BIC	<BIC>AAAADEFFAAA</BIC>
End Counterparty Identification	</CtrPtyId>
AccountReport	<AcctRpt>
Account Identification	<Acct>
MultilateralBalance	<MulBal>
Amount	<Amt>12121.20</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>BLCK</Tp>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>52121.20</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>PRAV</Tp>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
Interest report	<IntrstRpt>
Amount	<Amt>10.00</Amt>
End Interest report	</IntrstRpt>
End flow report	</FlowRpt>
Flow report	<FlowRpt>
Counterparty Identification	<CtrPtyId>
BIC	<BIC>BBBBDEFFBBB</BIC>
End Counterparty Identification	</CtrPtyId>
AccountReport	<AcctRpt>
Account Identification	<Acct>
MultilateralBalance	<MulBal>
Amount	<Amt>1000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>BLCK</Tp>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>

Amount	<Amt>100.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Type	<Tp>PRAV</Tp>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
Interest report	<IntrstRpt>
Amount	<Amt>10.00</Amt>
End Interest report	</IntrstRpt>
Penalty Report	<PnltyRpt>
PenaltyAmountMethodOne	<FirstAmt>10.00</FirstAmt>
PenaltyAmountMethodTwo	<SecondAmt>20.00</SecondAmt>
End Penalty Report	</PnltyRpt>
End flow report	</FlowRpt>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</camt.998.001.01>

6.10 XML messages related to CM (for CBs only)

6.10. 1 GetAccount (for CBs only)

Cash Management Standard

GetAccount_CM

Scope: The Get Account Message is used by NCBs (on behalf of the account holder) to request information about the balance of the contingency account. This message will be replied by a Return Account Message.

<camt.003.001.xx>

Structure:

Message Type

Message Identification

Message business identification

End Message Identification

Specification of the query criteria.

Account Criteria

NewCriteria

SearchCriteria

Type

BICIdentifier

End of SearchCriteria

End of NewCriteria

End Account Criteria

End Account Query Definition

End of Message Type

<GetAcct>

<MsgId>

<Id>CMCDEFGHIJKLMNOPQRST123456789012345</Id>

</MsgId>

<AcctQryDef>

<AcctCrit>

<NewCrit>

<SchCrit>

<Tp>SACC</Tp>

<AcctOwnr>BBBBITRRXXX</AcctOwnr>

</SchCrit>

</NewCrit>

</AcctCrit>

</AcctQryDef>

</GetAcct>

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Attributes:

name of attribute	format	short description	description
<GetAcct>		Message Type	Messagename for GetAccount
		Mandatory	Validation: [1..1]
<MsgId>		Message Identification	
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification	String of characters that uniquely identifies a message at senders side.
		Mandatory	Validation: [1..1]
</MsgId>		End Message Identification	
		Mandatory	Validation: [1..1]
<AcctQryDef>		Specification of the query criteria.	
		Mandatory	Validation: [1..1]
<AcctCrit>		Account Criteria	
		Mandatory	Validation: [1..1]
<NewCrit>		NewCriteria	
		Mandatory	Validation: [1..1]
<SchCrit>		SearchCriteria	
		Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type	Account type. It must be: "SACC" (settlement account).
		Mandatory	Validation: [1..1]
<AcctOwnr>-</AcctOwnr>		BICIdentifier	BIC of the participant to whom data are referred.
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	
		Mandatory	Validation: [1..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation: [1..1]
</AcctCrit>		End Account Criteria	
		Mandatory	Validation: [1..1]
</AcctQryDef>		End Account Query Definition	

name of attribute	format	short description	description	
		Mandatory	Validation: [1..1]	
</GetAcct>		End of Message Type	end of Messagname of GetAccount	
		Mandatory	Validation: [1..1]	

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	H08			H008	Error Text: Requestor unknown Validation: Remark:
2	H07	M7		H007	Error Text: Account not open Validation: Remark:
3	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
4	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

GetAccount_CM_1

Scope: Request of information about the balance of the contingency account of a participant. The requestor is the NCB of the account holder.

Message Type

Message Identification
Message business identification
End Message Identification
Specification of the query criteria.
Account Criteria
NewCriteria
SearchCriteria
Type
BICIdentifier
End of SearchCriteria
End of NewCriteria
End Account Criteria
End Account Query Definition

<GetAcct>

```
<MsgId>
  <Id>CMCDEFGHIJKLMNOPQRST123456789012345</Id>
</MsgId>
<AcctQryDef>
  <AcctCrit>
    <NewCrit>
      <SchCrit>
        <Tp>SACC</Tp>
        <AcctOwnr>BBBBITRRXX</AcctOwnr>
      </SchCrit>
    </NewCrit>
  </AcctCrit>
</AcctQryDef>
```

End of Message Type

</GetAcct>

6.10. 2 GetBusinessDayInformation (for CBs only)

Cash Management Standard

GetBusinessDayInformation_CM

Scope: The Get Business Day Information Message is used by NCBs to request information about the status of the Contingency Module. This message will be replied by a Return Business Day Information Message.

<camt.018.001.xx>

Structure:

Message Type

Message Identification

Message business identification

End Message Identification

End of Messagename for
GetBusinessDayInformation

<GetBizDayInf>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

</MsgId>

</GetBizDayInf>

M

M

Attributes:

name of attribute	format	short description	description	
<GetBizDayInf>		Message Type Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
</GetBizDayInf>		End of Messagename for GetBusinessDayInformation Mandatory	Validation: [1..1]	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	H08			H008	Error Text: Requestor unknown Validation: Remark:

GetBusinessDayInformation_CM_1

Scope: Request of information about the status of the Contingency Module.

Message Type

Message Identification

Message business identification

End Message Identification

End of Messagename for
GetBusinessDayInformation

<GetBizDayInf>

<MsgId>

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

</MsgId>

</GetBizDayInf>

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M

6.10. 3 GetTransaction (for CBs only)

Cash Management Standard

GetTransaction_CM

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Scope: The Get Transaction Message is used by NCBs to request information about transactions entered during the contingency. The NCB can ask for: 1) a single transaction (identified via TRN sender and date) 2) all the transactions entered during the contingency (or during a specific time range in the contingency); 3) all debit/credit transactions entered during the contingency (or during a specific time range in the contingency) related to a specific participant.

Business Data Compression via delta sets is not supported!

<camt.005.001.xx>

Structure:

Message name for GetTransaction

<GetTx>

M

Message Identification	<MsgId>
Message business identification	<Id>ABCDEFGHIJKLMNQRST123456789012345</Id>
End Message Identification	</MsgId>
Transaction Query Definition	<TxQryDef>
Transaction Criteria	<TxCrit>
NewCriteria	<NewCrit>
SearchCriteria	<SchCrit>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBCCITRRXXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>BBBBITRRXXX</BIC>
End of Member Identification	</Mmbld>
End Payment From	</PmtFr>
Payment Search	<PmtSch>
Choice	xorInstrRefGenericCriteria
Instruction Reference	<InstrRef>
Short Business Identification	<ShrtBizId>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
InterbankValueDate	<IntrBkValDt>2008-09-12</IntrBkValDt>
Instructing Agent Identification	<InstgAgtId>BBBBITRRXXX</InstgAgtId>
End Short Business Identification	</ShrtBizId>
End of InstructionReference	</InstrRef>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time Search	<DtTmSch>
DateTimeRange	<DtTmRg>
From Date Time	<FrDtTm>2007-08-13T08:30:00</FrDtTm>
To Date Time	<ToDtTm>2007-08-13T08:50:00</ToDtTm>
End Date Time Range	</DtTmRg>
End Date Time Search	</DtTmSch>
End Transfer Value Date	</TrfValDt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
End of choice	/xorInstrRefGenericCriteria
End Payment Search	</PmtSch>
End of SearchCriteria	</SchCrit>
End of NewCriteria	</NewCrit>
End Transaction Criteria	</TxCrit>

End Transaction Query Definition
End of Messagename for GetTransaction

| </TxQryDef>
 </GetTx>

| M

Attributes:

name of attribute	format	short description	description
<GetTx>		Message name for GetTransaction Mandatory	Message name for GetTransaction Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<TxQryDef>		Transaction Query Definition Mandatory	Validation: [0..1]
<TxCrit>		Transaction Criteria Mandatory	Validation: [1..1]
<NewCrit>		NewCriteria Mandatory	Validation: [1..1]
<SchCrit>		SearchCriteria Mandatory	Validation: [1..1]
<PmtTo>		PaymentTo Optional	When credit transactions related to a specific participant are selected (<CdtDbtInd> = CRDT) this section is used to specify the participant to whom transactions are referred (creditor). Validation: [0..1]
<Mmbld>		Member Identification Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC Mandatory	BIC Validation: [1..1]
</Mmbld>		End Member Identification Optional	Validation: [0..1]
</PmtTo>		End PaymentTo Optional	Validation: [0..1]

name of attribute	format	short description	description
<PmtFr>		Payment From	When debit transactions related to a specific participant are selected (<CdtDbtInd> = DBIT), this section is used to specify the participant to whom transactions are referred (debtor). The sequence can be used only once (repetition is not allowed).
		Optional	Validation: [0..1]
<Mmbld>		Member Identification	
		Optional	Validation: [0..1]
<BIC>-</BIC>	11x	BIC	BIC
		Mandatory	Validation: [1..1]
</Mmbld>		End of Member Identification	
		Optional	Validation: [0..1]
</PmtFr>		End Payment From	
		Optional	Validation: [0..1]
<PmtSch>		Payment Search	
		Optional	Validation: [0..1]
xorInstrRefGenericCriteria		Choice	Choice amongst InstrRef and generic search criteria (generic search criteria: TrfValDt and CdtDbtInd)
		Mandatory	Validation: [1..1]
<InstrRef>		Instruction Reference	This sequence is used when the requestor wants to select a single transaction, identified via sender, TRN and date. If a single transaction is selected, no other selection criteria are allowed. The sequence can be used only once.
		Mandatory	Validation: [0..1]
<ShrtBizId>		Short Business Identification	
		Mandatory	Validation: [1..1]
<PmtInstrRef>-</PmtInstrRef>	35x	Payment Instruction Reference	Transaction identifier, i.e. TRN of the SWIFT input message (first 16 characters of <MsgId> of the input message).
		Mandatory	Validation: [1..1]
<IntrBkValDt>-</IntrBkValDt>		InterbankValueDate	InterbankValueDate Settlement date (yyyy-mm-dd).
		Mandatory	Validation: [1..1]
<InstgAgId>-</InstgAgId>	11x	Instructing Agent Identification	BIC of the instructing agent (sender of the transaction instruction).

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
</ShrtBizId>		End Short Business Identification Mandatory	Validation: [1..1]
</InstrRef>		End of InstructionReference Mandatory	End of InstructionReference Validation: [1..1]
<TrfValDt>		DateAndDateTimeSearchC hoice Optional	This sequence is used when the requestor wants to select transactions arrived in CM within a time range. The sequence can be used only once (repetition is not allowed). Validation: [0..1]
<DtTmSch>		Date Time Search Mandatory	Validation: [1..1]
<DtTmRg>		DateTimeRange Mandatory	Validation: [1..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time Mandatory	Lower bound of the time range (yyyy-mm-ddThh-mm-ss). Validation: [1..1]
<ToDtTm>-</ToDtTm>	DateTime	To Date Time Mandatory	Upper bound of the time range (yyyy-mm-ddThh-mm-ss). Validation: [1..1]
</DtTmRg>		End Date Time Range Mandatory	Validation: [1..1]
</DtTmSch>		End Date Time Search Mandatory	Validation: [1..1]
</TrfValDt>		End Transfer Value Date Optional	Validation: [0..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Optional	Credit debit indicator. The attribute is mandatory when the user wants to select transactions related to a specific participant. When valorised, it can be: "CRDT" (credit) or "DBIT" (debit). Validation: [0..1]
/xorInstrRefGenericCriteria		End of choice Mandatory	Validation: [1..1]
</PmtSch>		End Payment Search	

name of attribute	format	short description	description
		Optional	Validation: [0..1]
</SchCrit>		End of SearchCriteria	
		Mandatory	Validation: [1..1]
</NewCrit>		End of NewCriteria	
		Mandatory	Validation: [1..1]
</TxCrit>		End Transaction Criteria	
		Mandatory	Validation: [1..1]
</TxQryDef>		End Transaction Query Definition	
		Optional	Validation: [0..1]
</GetTx>		End of Messagename for GetTransaction	
		Mandatory	Validation: [1..1]

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
2	H13			H013	Error Text: Requested field missing in input Validation: Remark:
3	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
4	H08			H008	Error Text: Requestor unknown Validation: Remark:
5	H07	M7		H007	Error Text: Account not open Validation: Remark:
6	H06			H006	Error Text: No data available (e.g. an empty list) Validation: Remark:
7	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
8	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

GetTransaction_CM_1

Scope: Request of information on all transactions entered during the contingency.

Message for GetTransaction

<GetTx>

M

Message Identification

<MsgId>

Message business identification

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789012345</Id>

End Message Identification

</MsgId>

End of Message for GetTransaction

</GetTx>

M

GetTransaction_CM_2

Scope: Request of information on a single transaction.

Messagename for GetTransaction

Message Identification
Message business identification
End Message Identification
Transaction Query Definition
Transaction Criteria
NewCriteria
SearchCriteria
Payment Search
Instruction Reference
Short Business Identification
Payment Instruction Reference
InterbankValueDate
Instructing Agent Identification
End Short Business Identification
End of InstructionReference
End Payment Search
End of SearchCriteria
End of NewCriteria
End Transaction Criteria
End Transaction Query Definition

End of Messagename for GetTransaction

<GetTx>

```
<MsgId>
|   <Id>CMCDEFGHIJKLMNOPQRST123456789012345</Id>
|   </MsgId>
|   <TxQryDef>
|   |   <TxCrit>
|   |   |   <NewCrit>
|   |   |   |   <SchCrit>
|   |   |   |   |   <PmtSch>
|   |   |   |   |   |   <InstrRef>
|   |   |   |   |   |   |   <ShrtBizId>
|   |   |   |   |   |   |   |   <PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
|   |   |   |   |   |   |   |   <IntrBkValDt>2007-08-13</IntrBkValDt>
|   |   |   |   |   |   |   |   <InstgAgtId>BBCCITRRXXX</InstgAgtId>
|   |   |   |   |   |   |   |   </ShrtBizId>
|   |   |   |   |   |   |   |   </InstrRef>
|   |   |   |   |   |   |   |   </PmtSch>
|   |   |   |   |   |   |   |   </SchCrit>
|   |   |   |   |   |   |   |   </NewCrit>
|   |   |   |   |   |   |   |   </TxCrit>
|   |   |   |   |   |   |   |   </TxQryDef>
```

</GetTx>

GetTransaction_CM_3

Scope: Request of information on all credit transactions entered in a specific time range and related to a specific participant.

Messagename for GetTransaction

Message Identification
Message business identification
End Message Identification
Transaction Query Definition
Transaction Criteria
NewCriteria
SearchCriteria
Payment From
Member Identification
BIC
End Member Identification
End Payment From
Payment Search
DateAndDateTimeSearchChoice
Date Time Search
DateTimeRange
From Date Time
To Date Time
End Date Time Range
End Date Time Search
End Transfer Value Date
Credit or debit indicator
End Payment Search
End of SearchCriteria
End of NewCriteria
End Transaction Criteria
End Transaction Query Definition

End of Messagename for GetTransaction

<GetTx>

<MsgId>
| <Id>ABCDEFGHJKLMNOPQRST123456789012345</Id>
</MsgId>
<TxQryDef>
| <TxCrit>
| | <NewCrit>
| | | <SchCrit>
| | | | <PmtFr>
| | | | | <Mmbld>
| | | | | <BIC>BBBBIT22XXX</BIC>
| | | | | </Mmbld>
| | | | </PmtFr>
| | | <PmtSch>
| | <TrfValDt>
| <DtTmSch>
| | <DtTmRg>
| | | <FrDtTm>2007-08-13T08:30:00</FrDtTm>
| | | <ToDtTm>2007-08-13T08:50:00</ToDtTm>
| | </DtTmRg>
| </DtTmSch>
| </TrfValDt>
| <CdtDbtInd>CRDT</CdtDbtInd>
| </PmtSch>
| </SchCrit>
| </NewCrit>
| </TxCrit>
</TxQryDef>

</GetTx>

6.10. 4 LiquidityCreditTransfer (for CBs only)

Cash Management Standard

LiquidityCreditTransfer_CM

Scope: The Liquidity Credit Transfer Message is used by NCBs for the management of the initial liquidity injection in CM and for entering contingency payments. This message will be replied by a Receipt Message Non-Repudiation of Emission (NRE) is supported.

<camt.050.001.xx>

Structure:

Message name for LiquidityCreditTransfer

Message Identification
Message business identification
End Message Identification
Account Identification Credit
Identification
Simple Identification Information
Message business identification
End of simple Identification Information
End Identification
Type
End of Account Identification Credit
Amount
Amount without currency
End of Transferred Amount
Account Identification Debit
Identification
Simple Identification Information
Message business identification
End of simple Identification Information
End Identification
Type
End of Account Identification Debit
End message name LiquidityCreditTransfer

<LqdyCdtTfr>

<MsgId>
| <Id>LQJCTEFGHIJKLMNOPQRST12345678900</Id>
|</MsgId>
|<CdtAcct>
|<Id>
|<DmstAcct>
|<Id>LQJCTEFGHIJKLMNOPQRST12345678900</Id>
|</DmstAcct>
|</Id>
|<Tp>SACC</Tp>
|</CdtAcct>
|<TrfdAmt>
|<AmtWthtCcy>1234.56</AmtWthtCcy>
|</TrfdAmt>
|<DbtAcct>
|<Id>
|<DmstAcct>
|<Id>LQJCTEFGHIJKLMNOPQRST12345678900</Id>
|</DmstAcct>
|</Id>
|<Tp>SACC</Tp>
|</DbtAcct>
</LqdyCdtTfr>

M

M

Attributes:

name of attribute	format	short description	description
<LqdyCdtTfr>		Message name for LiquidityCreditTransfer Mandatory	Message name for LiquidityCreditTransfer Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. The first 16 characters must be unique (TRN) . TRN can be used by the sender to specify the kind of transaction (e.g. CLS, EURO1, etc.). TRN will be reported to the relevant participants through MT940/MT950 and must be consistent with "X SWIFT Character Set", including exceptions as per SWIFT "Message Format Validations Rules" related to field 20 and 21. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<CdtAcct>		Account Identification Credit Mandatory	Validation: [1..1]
<Id>		Identification Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	BIC of the account to be credited. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</Id>		End Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Account Type. It must be: "SACC" (Settlement Account). Validation: [1..1]
</CdtAcct>		End of Account Identification Credit Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<TrfdAmt>		Amount	
		Mandatory	Validation: [1..1]
<AmtWthtCcy>- </AmtWthtCcy>	14n	Amount without currency	Amount .
		Mandatory	Validation: [1..1]
</TrfdAmt>		End of Transferred Amount	
		Mandatory	Validation: [1..1]
<DbtAcct>		Account Identification Debit	
		Mandatory	Validation: [1..1]
<Id>		Identification	
		Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification	BIC of the account to be debited.
		Mandatory	Validation: [1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation: [1..1]
</Id>		End Identification	
		Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type	Account Type. It must be: "SACC" (Settlement Account).
		Mandatory	Validation: [1..1]
</DbtAcct>		End of Account Identification Debit	
		Mandatory	Validation: [1..1]
</LqdyCdtTfr>		End message name LiquidityCreditTransfer	End message name LiquidityCreditTransfer
		Mandatory	Validation: [1..1]

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	H03		XI07	H003	Error Text: Sender not allowed to debit the specified account Validation: Remark:
2	H08			H008	Error Text: Requestor unknown Validation: Remark:
3	H07	M7		H007	Error Text: Account not open Validation: Remark:
4	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
5	861	C1	RF01	2861	Error Text: Double input Validation: Remark:

LiquidityCreditTransfer_CM_1

Scope: Initial liquidity injection: transfer from the NCB account in CM (debtor) to the participant account in CM (creditor).

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification

<MsgId>

Message business identification

<Id>LQJCTEFGHIJKLMNOPQRST12345678900</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>BBBBITRRXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>SACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>1234.56</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Account Identification Debit

<DbtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>BITAITRRXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>SACC</Tp>

End of Account Identification Debit

</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

M

LiquidityCreditTransfer_CM_2

Scope: Enter payment: transfer between accounts in CM of different participants (e.g. EURO1 payment).

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

Message Identification

<MsgId>

Message business identification

<Id>EURO1EFGHIJKLMNOPQRST12345678901</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>ECBXCCLLXXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>SACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>1234.56</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

Account Identification Debit

<DbtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Message business identification

<Id>BBBBIT22XXX</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

Type

<Tp>SACC</Tp>

End of Account Identification Debit

</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

M

6.10. 5 OpenAccount (for CBs only)

SSP Proprietary Messages

OpenAccount_CM

Scope: The Open Account Message is used by NCBs to open an account in the Contingency Module in backup situations. This message will be replied by a Receipt message. Non repudiation of emission (NRE) is supported.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Member Identification

BIC

End Member Identification

Member Information

Type

FINMessageType

Member Return Address

BIC

End Member Return Address

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

End Member Information

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>-</Ref>

</MsgId>

<PrtryData>

<Tp>OpenAccount</Tp>

<SspPrtryDt>

<MmbrId>

<BIC>BBBBITRRXXX</BIC>

</MmbrId>

<MmbrInf>

<Tp>OpenAccount</Tp>

<FINMT>940</FINMT>

<MmbrRtrAdr>

<BIC>BBBBITRRXXX</BIC>

</MmbrRtrAdr>

<AcctId>

<DmstAcct>

<Id>ABCDEFGHJKLMNOPQRST123456789012345</Id>

</DmstAcct>

</AcctId>

</MmbrInf>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

M

M

M

M

Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message Mandatory	Validation: [1..1]	M
<MsgId>		Message Identification Mandatory	Validation: [1..1]	
<Ref>-</Ref>	35x	Reference Mandatory	Unique and unambiguous reference String of characters that uniquely identifies a message at senders side. Validation: [1..1]	
</MsgId>		End Message Identification Mandatory	Validation: [1..1]	
<PrtryData>		Proprietary Data Mandatory	Proprietary Data Validation: [1..1]	M
<Tp>-</Tp>	35x	Type Mandatory	Identifies the type of message. It must be: "OpenAccount" . Validation: [1..1]	
<SspPrtryDt>		SSP Proprietary Data Mandatory	SSP Proprietary Data Validation: [1..1]	
<MmbrId>		Member Identification Mandatory	Validation: [1..1]	
<BIC>-</BIC>	11x	BIC Mandatory	BIC of the account to be opened. Validation: [1..1]	
</MmbrId>		End Member Identification Mandatory	Validation: [1..1]	
<MmbrInf>		Member Information Mandatory	Validation: [1..1]	
<Tp>-</Tp>	35x	Type Mandatory	Participant Type. It can be: "DRCT" (Credit Institution) or "CNBK" (Central Bank). Validation: [1..1]	
<FINMT>-</FINMT>		FINMessageType Optional	Specifies the type of FIN message for end of day statements. If used, it can be either: "940" (for MT940) or "950" (for MT950). Validation:	

name of attribute	format	short description	description	
				[0..1]
<MmbrRtrAdr>		Member Return Address	This sequence can be repeated up to two times. The first instance of the sequence identifies the NCB of the participant, the second instance identifies the notification BIC (for MT940/950) of the participant (mandatory if the attribute <FINMT> is used).	
		Optional	Validation: [0..2]	
<BIC>-</BIC>	11x	BIC	BIC of the relevant NCB (in the first instance of the sequence <MmbrRtrAdr>); notification BIC for MT940/950 (in the second instance of the sequence <MmbrRtrAdr>).	
		Mandatory	Validation: [1..1]	
</MmbrRtrAdr>		End Member Return Address		
		Optional	Validation: [0..2]	
<AcctId>		Account Identification	Account Identification	
		Mandatory	Validation: [1..1]	
<DmstAcct>		Simple Identification Information	Simple Identification Information	
		Mandatory	Validation: [1..1]	
<Id>-</Id>	35x	Identification	Account Number of the account to be opened.	
		Mandatory	Validation: [1..1]	
</DmstAcct>		End of simple Identification Information		
		Mandatory	Validation: [1..1]	
</AcctId>		End of Account Identification		
		Mandatory	Validation: [1..1]	
</MmbrInf>		End Member Information		
		Mandatory	Validation: [1..1]	
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data	
		Mandatory	Validation: [1..1]	
</PrtryData>		End of Proprietary Data	End of Proprietary Data	M
		Mandatory	Validation: [1..1]	
</PrtryMsg>		Mandatory	Validation: [1..1]	M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	861	C1	RF01	2861	Error Text: Double input Validation: Remark:
2	852	B2	XI12	2852	Error Text: Invalid character or invalid numeric value Validation: Remark:
3	H13			H013	Error Text: Requested field missing in input Validation: Remark:
4	H09			H009	Error Text: Parameter logical error <.> Validation: Remark:
5	H08			H008	Error Text: Requestor unknown Validation: Remark:
6	H04	M4	XT16	H004	Error Text: Operation not allowed (e.g. cross border) Validation: Remark:
7	H01		XI01	H001	Error Text: Sender not allowed Validation: Remark:

OpenAccount_CM_1

Scope: Request to open an account in the Contingency Module

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Type

SSP Proprietary Data

Member Identification

BIC

End Member Identification

Member Information

Type

FINMessageType

Member Return Address

BIC

End Member Return Address

Member Return Address

BIC

End Member Return Address

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

End Member Information

End of SSP Proprietary Data

End of Proprietary Data

<PrtryMsg>

<MsgId>

<Ref>ABCDEFGHJKLMNOPQRST123456789012345</Ref>

</MsgId>

<PrtryData>

<Tp>OpenAccount</Tp>

<SspPrtryDt>

<MmbrId>

<BIC>BBBBITRRXX</BIC>

</MmbrId>

<MmbrInf>

<Tp>DRCT</Tp>

<FINMT>940</FINMT>

<MmbrRtrAdr>

<BIC>BITAITRRXX</BIC>

</MmbrRtrAdr>

<MmbrRtrAdr>

<BIC>BBBBITRRXX</BIC>

</MmbrRtrAdr>

<AcctId>

<DmstAcct>

<Id>aa00a00aa</Id>

</DmstAcct>

</AcctId>

</MmbrInf>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

6.10. 6 ReturnAccount (for CBs only)

Cash Management Standard

ReturnAccount_CM

Scope: The Return Account Message is used to return information about the balance of the contingency account. The connected request is performed by NCBs through a Get Account Message.

<camt.004.001.xx>

Structure:

Message Type

Message Identification

Message business identification

End Message Identification

BusinessQueryReference

QueryReference

End of Query Reference

Choice

BusinessReport

AccountReport

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

Account Identification

Type

MultilateralBalance

Amount

Credit or debit indicator

Balance Type choice

BalanceTypeCode

End balance type choice

Value Date

Date Time

End Value Date

End of MultilateralBalance

End of Account

End of AccountReport

End of BusinessReport

Operational Error

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End of choice

End of Message Type

<RtrAcct>

<MsgId>

<Id>ABCDEFGHJKLMNOPQRST123456789012345</Id>

</MsgId>

<BizQryRef>

<QryRef>CMCDEFGHIJKLMNOPQRST123456789012345</QryRe

</BizQryRef>

xorBizRptOprlErr

<BizRpt>

<AcctRpt>

<AcctId>

<DmstAcct>

<Id>BBBBITAAXXX</Id>

</DmstAcct>

</AcctId>

<Acct>

<Tp>SACC</Tp>

<MulBal>

<Amt>1234.56</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<Tp>

<Cd>CRRT</Cd>

</Tp>

<ValDt>

<DtTm>2008-09-12T15:29:00</DtTm>

</ValDt>

</MulBal>

</Acct>

</AcctRpt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>ABC9</Prtry>

</Err>

<Desc>error description</Desc>

</OprlErr>

/xorBizRptOprErr

</RtrAcct>

M

A
A
A
D

A
A
A
D

M

Attributes:

name of attribute	format	short description	description
<RtrAcct>		Message Type Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request. Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<AcctRpt>		AccountReport Mandatory	Validation: [1..1]
<AcctId>		Account Identification Mandatory	Account Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	Simple Identification Information Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory	BIC of the participant to whom data are referred. Validation: [1..1]
</DmstAcct>		End of simple Identification Information	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
<Acct>		Account Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>	35x	Type Mandatory	Account type. It will be: "SACC" (settlement account). Validation: [1..1]
<MulBal>		MultilateralBalance Mandatory	Validation: [1..1]
<Amt>-</Amt>	18d	Amount Mandatory	Amount . Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Credit debit indicator. It can be: "CRDT" (credit) or "DBIT" (debit). Validation: [1..1]
<Tp>		Balance Type choice Mandatory	Validation: [1..1]
<Cd>		BalanceTypeCode	Specifies the nature of the balance, eg, opening balance. ADJT= Adjustment Balance to be held in the settlement account in order to comply with the average reserve due, in the event that the bank's balance is equal to the reserve due during the remaining days of the maintenance period. AVLB = Available Balance of money or securities that is at the disposal of the account owner on the date specified. BLCK = Blocked Balance representing the regulatory reserve that a financial institution must have with the account servicing institution, eg, the minimum credit balance a financial institution is to keep with ist Central Bank for mandatory reserve purposes. In some countries, a blocked balance is known as a 'reserve' balance. BOOK = Book Balance that is registered in the books of the account servicer. CLSG = Closing Balance of the account at the end of the account servicer's business day. It is the sum of the opening balance at the beginning of the day and all entries booked to the account during the account servicer's business day. CRDT = Credit Balance representing the sum of all credit entries booked to an account.

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name of attribute	format	short description	description
			<p>CRRT = Current Balance of the account at a precise moment in time.</p> <p>DBIT = Debit Balance representing the sum of all debit entries booked to an account.</p> <p>DLOD = DaylightOverdraft Balance representing the intra day overdraft granted by the Central Bank to financial institutions participating in a RTGS system. This balance may vary over time and shall be offset at the end of the day.</p> <p>EAST = EligibleAssets Balance representing the potential loan a Central Bank would make in cash if the collateral is pledged, eg, securities available and eligible as collateral with the Central Bank.</p> <p>INTM = Interim Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day. The interim balance is calculated on the basis of booked credit and debit items during the calculation time/period specified.</p> <p>LRLD = LimitRelated Balance of a specific limit value, eg, a bilateral balance is calculated in relation to a given bilateral limit.</p> <p>LTSF= LiquidityTransfer Balance composed of the sum of all liquidity transfers made to or from an account.</p> <p>OPNG = Opening Book balance of the account at the beginning of the account servicer's business day. It always equals the closing book balance from the previous business day. Note: the available balance at the beginning of the account servicer's business day may be different from the closing book balance from the previous business day.</p> <p>PDNG = Pending Balance of securities pending delivery, eg, orders to sell securities have been executed but settlement of the open transactions has not been confirmed.</p> <p>PRAV = ProgressiveAverage Average of the daily balances on the account used to fulfil the reserve requirements calculated from the beginning of the maintenance period.</p> <p>PYMT = Payment Balance representing the sum of entries as a result of payments processing. Entries relating to fees, interest, or other movements not a result of payments sent or received by the account owner are not included.</p> <p>XCRD = ExpectedCredit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day credit balance if everything books to the account and no other credit entry is posted.</p> <p>XDBT = ExpectedDebit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day debit balance if everything books to the account and no other debit entry is posted.</p> <p>XPCD = Expected Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day balance if everything is booked on the account and no other entry is posted.</p> <p>*****NOTE = Noted Balance Balance representing the amount that a financial institution has set aside for a specific reason and which is therefore not available</p>

name of attribute	format	short description	description	
		Mandatory	Balance type. It will be: "CRRT" (current balance). Validation: [1..1]	
</Tp>		End balance type choice Mandatory	Validation: [1..1]	A
			Validation:	D
<ValDt>		Value Date Mandatory	Validation: [1..1]	
<DtTm>-</DtTm>	DateTime	Date Time Mandatory	Date and time of the response (yyyy-mm-ddThh:mm:ss). Validation: [1..1]	
</ValDt>		End Value Date Mandatory	Validation: [1..1]	
</MulBal>		End of MultilateralBalance Mandatory	Validation: [1..1]	
</Acct>		End of Account Mandatory	Validation: [1..1]	
</AcctRpt>		End of AccountReport Mandatory	Validation: [1..1]	
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..1]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
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name of attribute	format	short description	description
Validation:			
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]
</OpriErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]
/xorBizRptOpriErr		End of choice Mandatory	Validation: [1..1]
</RtrAcct>		End of Message Type Mandatory	Validation: [1..1]

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Error Codes:

ReturnAccount_CM_1

Scope: A response to a request of information about the balance of the contingency account of a participant. (see Get Account example 1)

Message Type

Message Identification	<MsgId>
Message business identification	<Id>ABCDEF GHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>CMCDEF GHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id> BBBBITRRXXX </Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
Type	<Tp>SACC</Tp>
MultilateralBalance	<MulBal>
Amount	<Amt>1234.56</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>CRRT</Cd>
End balance type choice	</Tp>
Value Date	<ValDt>
Date Time	<DtTm>2008-09-12T15:29:00</DtTm>
End Value Date	</ValDt>
End of MultilateralBalance	</MulBal>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End of Message Type	</RtrAcct>

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6.10. 7 ReturnBusinessDayInformation (for CBs only)

Cash Management Standard

ReturnBusinessDayInformation_CM

Scope: The Return Business Day Information Message is used to return to NCBs information about the status of the Contingency Module. The connected request is performed through a Get Business Day Information Message.

<camt.019.001.xx>

Structure:

Message name for ReturnBusinessDayInformation

<RtrBizDayInf>

Message Identification

<MsgId>

Message business identification

<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>

End Message Identification

</MsgId>

BusinessQueryReference

<BizQryRef>

QueryReference

<QryRef> ABCDEFGHIJKLMNOPQRST123456789012345</QryR

End of Query Reference

</BizQryRef>

Choice

xorBizRptOprlErr

BusinessReport

<BizRpt>

BusinessDayInformationReport

<BizDayInfRpt>

SystemIdentification

<SysId>

Country Code

<Ctry>IT</Ctry>

End of SystemIdentification

</SysId>

Business Day Information

<BizDayInf>

System Status

<SysSts>

broadcast status

<Sts>ACTV</Sts>

Validity Time

<VldtyTm>

From Date Time

<FrDtTm>2001-09-12T09:29:00</FrDtTm>

End Validity Time

</VldtyTm>

End System Status

</SysSts>

End Business Day Information

</BizDayInf>

End Business Day Information Report

</BizDayInfRpt>

End of BusinessReport

</BizRpt>

Operational Error

<OprlErr>

Error handling

<Err>

Proprietary error code

<Prtry>ABC9</Prtry>

End error handling

</Err>

Description

<Desc>error description</Desc>

End of Operational Error

</OprlErr>

End of choice

/xorBizRptOprlErr

End Message Type

</RtrBizDayInf>

Attributes:

name of attribute	format	short description	description
<RtrBizDayInf>		Messagename fo ReturnBusinessDayInformat ion Mandatory	Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Choice amongst BizRpt and OprlErr Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<BizDayInfRpt>		BusinessDayInformationRe port Mandatory	Validation: [1..1]
<SysId>		SystemIdentification Mandatory	Validation: [1..1]
<Ctry>-</Ctry>	2la	Country Code Mandatory	Country Code of the requesting NCB. Validation: [1..1]
</SysId>		End of SystemIdentification Mandatory	Validation: [1..1]
<BizDayInf>		Business Day Information	

name of attribute	format	short description	description
		Mandatory	Validation: [1..1]
<SysSts>		System Status	
		Mandatory	Validation: [1..1]
<Sts>-</Sts>		broadcast status	Status of the system. It can be: "ACTV" (active); "SUSP" (locked); "CLSG" (closing) or "CLSD" (closed).
		Mandatory	Validation: [1..1]
<VldtyTm>		Validity Time	
		Mandatory	Validation: [1..1]
<FrDtTm>-</FrDtTm>	DateTime	From Date Time	Current CM date and time (yyyy-mm-ddThh:mm:ss).
		Mandatory	Validation: [1..1]
</VldtyTm>		End Validity Time	
		Mandatory	Validation: [1..1]
</SysSts>		End System Status	
		Mandatory	Validation: [1..1]
</BizDayInf>		End Business Day Information	
		Mandatory	Validation: [1..1]
</BizDayInfRpt>		End Business Day Information Report	
		Mandatory	Validation: [1..1]
</BizRpt>		End of BusinessReport	
		Mandatory	Validation: [1..1]
<OprlErr>		Operational Error	
		Mandatory	Validation: [1..1]
<Err>		Error handling	
		Mandatory	Validation: [1..1]
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.
		Mandatory	Validation: [1..1]
</Err>		End error handling	
		Mandatory	Validation: [1..1]

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name of attribute	format	short description	description	
				D
Validation:				
<Desc>-</Desc>	140x	Description	Error description	
		Optional	Validation: [0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation: [1..1]	
/xorBizRptOprlErr		End of choice		
		Mandatory	Validation: [1..1]	
</RtrBizDayInf>		End Message Type		M
		Mandatory	Validation: [1..1]	

Error Codes:

ReturnBusinessDayInformation_CM_1

Scope: Response to a request of information about the status of Contingency Module (see GetBusinessDayInformation example 1).

MessageName fo ReturnBusinessDayInformation <RtrBizDayInf>

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Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef> ABCDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
BusinessDayInformationReport	<BizDayInfRpt>
SystemIdentification	<SysId>
Country Code	<Ctry>IT</Ctry>
End of SystemIdentification	</SysId>
Business Day Information	<BizDayInf>
System Status	<SysSts>
broadcast status	<Sts>ACTV</Sts>
Validity Time	<VldtyTm>
From Date Time	<FrDtTm>2001-09-12T09:29:00</FrDtTm>
End Validity Time	</VldtyTm>
End System Status	</SysSts>
End Business Day Information	</BizDayInf>
End Business Day Information Report	</BizDayInfRpt>
End of BusinessReport	</BizRpt>
End Message Type	</RtrBizDayInf>

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6.10. 8 ReturnTransaction (for CBs only)

Cash Management Standard

ReturnTransaction _CM

Scope: The Return Transaction Message is used to return to NCBs information about transactions entered in contingency. The connected request is performed through a Get Transaction Message.

<camt.006.001.xx>

Structure:

Message name for Return Transaction

Message Identification	<MsgId>
Message business identification	<Id>ABCDEFGHIJKLMNQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHIJKLMNQRST123456789012345</QryRe
End of Query Reference	</BizQryRef>
Choice	xorBizRptOprlErr
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIJL1234567890ABCDEFGHIJL1234567890
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>KKKKITRRXX-</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>KKKKITRRXX-</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>1967-08-13T09:31:45-05:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Choice	xorFnIStsPdgSts
Final Status	<FnISts>STLD</FnISts>
Pending Status	<PdgSts>PSTL</PdgSts>
End of choice	/xorFnIStsPdgSts
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>1967-08-13T09:31:45-05:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
Payment Instruction Status Reason	<PmtInstrStsRsn>
ProprietaryRejectionReason	<PrtryRjctnRsn>
Proprietary Status Reason	<PrtryStsRsn>2861</PrtryStsRsn>
Reason	<Rsn>Double input</Rsn>
End Proprietary Rejection Reason	</PrtryRjctnRsn>

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End Payment Instruction Status Reason	</PmtInstrStsRsn>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2001-09-11T09:33:47-05:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>
Operational Error	<OprlErr>
Error handling	<Err>
Proprietary error code	<Prtry>ABC9</Prtry>
End error handling	</Err>
Description	<Desc>error description</Desc>
End of Operational Error	</OprlErr>
End of choice	/xorBizRptOprErr
End messagename ReturnTransaction	</RtrTx>

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Attributes:

name of attribute	format	short description	description
<RtrTx>		Message name for Return Transaction Mandatory	Message name for Return Transaction Validation: [1..1]
<MsgId>		Message Identification Mandatory	Validation: [1..1]
<Id>-</Id>	35x	Message business identification Mandatory	String of characters that uniquely identifies a message at senders side. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	Validation: [1..1]
<BizQryRef>		BusinessQueryReference Mandatory	Validation: [1..1]
<QryRef>-</QryRef>	35x	QueryReference Mandatory	Message identification of the connected request . Validation: [1..1]
</BizQryRef>		End of Query Reference Mandatory	Validation: [1..1]
xorBizRptOprlErr		Choice Mandatory	Choice amongst BizRpt e OprlErr Validation: [1..1]
<BizRpt>		BusinessReport Mandatory	Validation: [1..1]
<TxRpt>		TransactionReport Mandatory	Validation: [1..n]
<InstrRef>		Instruction Reference Mandatory	Validation: [1..1]
<PrtryRef>-</PrtryRef>	43x	Proprietary Reference Mandatory	Internal transfer identifier. Unique and unambiguous identifier of a transaction, generated by CM. Digits from 10 to 20 of the internal transfer identifier identify the BIC of the sender of the transaction . Validation: [1..1]
</InstrRef>		End of InstructionReference Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<Tx>		Transaction	
		Mandatory	Validation: [1..1]
<PmtTo>		PaymentTo	
		Mandatory	Validation: [1..1]
<Mmbld>		Member Identification	
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	BIC of the crediror.
		Mandatory	Validation: [1..1]
</Mmbld>		End Member Identification	
		Mandatory	Validation: [1..1]
</PmtTo>		End PaymentTo	
		Mandatory	Validation: [1..1]
<PmtFr>		Payment From	
		Mandatory	Validation: [1..1]
<Mmbld>		Member Identification	
		Mandatory	Validation: [1..1]
<BIC>-</BIC>	11x	BIC	BIC of the debtor.
		Mandatory	Validation: [1..1]
</Mmbld>		End Member Identification	
		Mandatory	Validation: [1..1]
</PmtFr>		End Payment From	
		Mandatory	Validation: [1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator	Credit debit indicator. It will be: "CRDT" (credit) or "DBIT" (debit).
		Optional	Validation: [0..1]
<Pmt>		Payment	
		Mandatory	Validation: [1..1]
<TrfValDt>		DateAndDateTimeSearchC hoice	
		Mandatory	Validation: [1..1]

name of attribute	format	short description	description
<DtTm>-</DtTm>	DateTime	Date Time	Specifies when the transaction is arrived in CM (yyyy-mm-ddThh:mm:ss).
		Mandatory	Validation: [1..1]
</TrfValDt>		End Transfer Value Date	
		Mandatory	Validation: [1..1]
<InstrSts>		Instruction Status	
		Mandatory	Validation: [1..1]
<PmtInstrSts>		PaymentStatusCode	
		Mandatory	Validation: [1..1]
xorFnIStsPdgSts		Choice	
		Mandatory	Validation: [1..1]
<FnISts>-</FnISts>	4x	Final Status	Specifies the (final) status of the selected transaction. Possible values are: "RJTD" (rejected) for rejected transactions; "STLD" (settled) for transactions successfully processed.
		Mandatory	Validation: [1..1]
<PdgSts>-</PdgSts>	4x	Pending Status	Specifies depending status of the selected transaction. Possible value: PSTL for pending transactions
		Mandatory	Validation: [1..1]
/xorFnIStsPdgSts		End of choice	
		Mandatory	Validation: [1..1]
</PmtInstrSts>		End PaymentStatusCode	
		Mandatory	Validation: [1..1]
<PmtInstrStsDtTm>		PaymentInstructionStatusDate Time	
		Mandatory	Validation: [1..1]
<DtTm>-</DtTm>	DateTime	Date Time	Date and Time at which the transaction assumed its status (yyyy-mm-ddThh:mm:ss).
		Mandatory	Validation: [1..1]
</PmtInstrStsDtTm>		End Payment Instruction Status Date Time	
		Mandatory	Validation: [1..1]
<PmtInstrStsRsn>		Payment Instruction Status Reason	
		Optional	Validation: [0..1]

name of attribute	format	short description	description
<PrtryRjctnRsn>		ProprietaryRejectionReason Mandatory	Validation: [1..1]
<PrtryStsRsn>-</PrtryStsRsn> 4x		Proprietary Status Reason Mandatory	Error code. Validation: [1..1]
<Rsn>-</Rsn> 256x		Reason Mandatory	Error description. Validation: [1..1]
</PrtryRjctnRsn>		End Proprietary Rejection Reason Mandatory	Validation: [1..1]
</PmtInstrStsRsn>		End Payment Instruction Status Reason Optional	Validation: [0..1]
</InstrSts>		End of InstructionStatusSearch Mandatory	Validation: [1..1]
<InstdAmt>		Instructed Amount Mandatory	Validation: [1..1]
<AmtWthtCcy>-</AmtWthtCcy> 18n		Amount without currency Mandatory	Amount of the transaction . Validation: [1..1]
</InstdAmt>		End Instructed Amount Mandatory	Validation: [1..1]
<PrcgVldtyTm>		ProcessingValidityTime Mandatory	This sequence is used to specify the date and the time of settlement. It will be present only if settlement already occurred. Validation: [1..1]
<FrDtTm>-</FrDtTm> DateTime		From Date Time Mandatory	Settlement Date and Time (yyyy-mm-ddThh:mm:ss). Validation: [1..1]
</PrcgVldtyTm>		End Processing Validity Time Mandatory	Validation: [1..1]
<PmtInstrRef>-</PmtInstrRef> 35x		Payment Instruction Reference Mandatory	Transaction identifier, i.e. TRN of the SWIFT input message (first 16 characters of <Msgld> of the input message). Validation:

name of attribute	format	short description	description	
[1..1]				
</Pmt>		End Payment Mandatory	Validation: [1..1]	
</Tx>		End ofTransaction Mandatory	Validation: [1..1]	
</TxRpt>		End Transaction Report Mandatory	Validation: [1..n]	
</BizRpt>		End of BusinessReport Mandatory	Validation: [1..1]	
<OprlErr>		Operational Error Mandatory	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional	Error description Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End of choice Mandatory	Validation: [1..1]	
</RtrTx>		End messagename ReturnTransaction Mandatory	Validation: [1..1]	M

Error Codes:

ReturnTransaction_CM_1

Scope: A response to a request of information on all transactions entered during the contingency (see example 1 Get Transaction).

Message name for Return Transaction

<RtrTx>

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Message Identification	<MsgId>
Message business identification	<Id>ABCDEFGHIJKLMNQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef>ABCDEFGHIJKLMNQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIHBCCITRRXXX ABCDEFGHIHL1234567890ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>RRRRITRRXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>1967-08-13T09:31:45-05:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>1967-08-13T09:33:47-05:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2001-09-11T09:33:47-05:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIHL123456</PmtInstrRef>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>

Proprietary Reference	<PrtryRef>ABCDEFGH I BBCCITRRXXX ABCDEFGHIL1234567890ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End messagename ReturnTransaction	</RtrTx>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>KKKKITRRXXX-</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>1967-08-13T09:55:42-05:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>1967-08-13T09:33:47-05:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2001-09-11T09:33:47-05:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIL123456</PmtInstrRef>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>

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ReturnTransaction_CM_2

Scope: A response to a request of information on a single transaction (see example 2 of Get Transaction).

Messagename for Return Transaction

Message Identification	<MsgId>
Message business identification	<Id>AACDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef> CMCDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIHBCCIT22XXX ABCDEFGHIHL1234567890ABC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>RRRRITRRXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>1967-08-13T09:33:47-05:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrSts>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>1967-08-13T09:33:47-05:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2001-09-11T09:33:47-05:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIHL123456</PmtInstrRef>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>

End messagename ReturnTransaction

</RtrTx>

ReturnTransaction_CM_3

Scope: A response to a request of information on all transactions entered in a specific time range and related to a specific participant (see example 3 of Get Transaction).

Message name for Return Transaction

<RtrTx>

M

Message Identification	<MsgId>
Message business identification	<Id>CMCDEFGHIJKLMNOPQRST123456789012345</Id>
End Message Identification	</MsgId>
BusinessQueryReference	<BizQryRef>
QueryReference	<QryRef> ABCDEFGHIJKLMNOPQRST123456789012345</QryRef>
End of Query Reference	</BizQryRef>
BusinessReport	<BizRpt>
TransactionReport	<TxRpt>
Instruction Reference	<InstrRef>
Proprietary Reference	<PrtryRef>ABCDEFGHIIBCCITRRXXXABCDEFGHIIL1234567890A BC</PrtryRef>
End of InstructionReference	</InstrRef>
Transaction	<Tx>
PaymentTo	<PmtTo>
Member Identification	<Mmbld>
BIC	<BIC>BBBBIT22XXX</BIC>
End Member Identification	</Mmbld>
End PaymentTo	</PmtTo>
Payment From	<PmtFr>
Member Identification	<Mmbld>
BIC	<BIC>RRRRITRRXXX</BIC>
End Member Identification	</Mmbld>
End Payment From	</PmtFr>
Credit or debit indicator	<CdtDbtInd>DBIT</CdtDbtInd>
Payment	<Pmt>
DateAndDateTimeSearchChoice	<TrfValDt>
Date Time	<DtTm>2007-08-13T08:31:00</DtTm>
End Transfer Value Date	</TrfValDt>
Instruction Status	<InstrStatus>
PaymentStatusCode	<PmtInstrSts>
Final Status	<FnlSts>STLD</FnlSts>
End PaymentStatusCode	</PmtInstrSts>
PaymentInstructionStatusDateTime	<PmtInstrStsDtTm>
Date Time	<DtTm>2007-08-13T08:31:00</DtTm>
End Payment Instruction Status Date Time	</PmtInstrStsDtTm>
End of InstructionStatusSearch	</InstrSts>
Instructed Amount	<InstdAmt>
Amount without currency	<AmtWthtCcy>1234.56</AmtWthtCcy>
End Instructed Amount	</InstdAmt>
ProcessingValidityTime	<PrcgVldtyTm>
From Date Time	<FrDtTm>2007-08-13T08:31:00</FrDtTm>
End Processing Validity Time	</PrcgVldtyTm>
Payment Instruction Reference	<PmtInstrRef>ABCDEFGHIIL123456</PmtInstrRef>
End Payment	</Pmt>
End ofTransaction	</Tx>
End Transaction Report	</TxRpt>
End of BusinessReport	</BizRpt>

End message name ReturnTransaction

</RtrTx>

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6.11 XML messages related to PHA

6.11. 1 ConfirmTask (for CBs only)

PHA internal usage

ConfirmTask_PHA_internal

Scope: The ConfirmTask message is sent to confirm a task, which has to be treated according to the four eyes principle. Precondition: the status of the task is "toConfirm".

The ConfirmTask message is only for internal usage and exchanged between ICM and PHA. Therefore detailed validations have to be performed by the CB's PHA.

The Confirm Task message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is given.

<camt.998.001.xx>

Structure:

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>ABC123</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ConfirmTask</Tp>
SSP Proprietary Data	<SspPrtryDt>
TaskIdentificationSearchCriteria	<TskId>
Additional Reference	<RltdRef>
Reference	<Ref>ABC123</Ref>
End of Additional Reference	</RltdRef>
End of TaskIdentificationSearchCriteria	</TskId>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</camt.998.001.01>

Attributes:

name of attribute	format	short description	description
<camt.998.001.01>		Message Type Mandatory A2A	Validation:
<MsgId>		Message Identification Mandatory A2A	Message Reference Validation: [1..1]
<Ref>-</Ref>	35x	Reference Mandatory A2A	Unique and unambiguous reference Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	Validation: [1..1]
<PrtryDt>		Proprietary Data Mandatory A2A	Proprietary Data Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type defines the Type of the free format XML BackupPayment GetCreditLine ModifyCreditLine ReturnCreditLine GetBroadcast ReturnBroadcast GetSettlementInformation ReturnSettlementInformation ReleasePayment GetPendingData GetSystemTime GetSequence GetTask ConfirmTask RevokeTask ReturnSystemTime ReturnTask DeleteHAMAccount DeleteRTGSAccount DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount

A

name of attribute	format	short description	description
			ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only ConfirmTask is possible Mandatory Validation: A2A [1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
<TskId>		TaskIdentificationSearchCriteria	TaskIdentificationSearchCriteria
		Mandatory	Validation:
		A2A	[1..1]
<RltdRef>		Additional Reference	Additional Reference
		Mandatory	Validation:
		A2A	[1..1]
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference
		Mandatory	task reference (returned in Receipt message of the original task)
		A2A	Validation:
			[1..1]
</RltdRef>		End of Additional Reference	End of RelatedReference
		Mandatory	Validation:
		A2A	[1..1]
</TskId>		End of TaskIdentificationSearchCriteria	end of TaskIdentificationSearchCriteria
		Mandatory	Validation:
		A2A	[1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryDt>		End of Proprietary Data	
		Mandatory	Validation:
		A2A	[1..1]
</camt.998.001.01>		End Message Type	
		Mandatory	Validation:
		A2A	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	P97	-	-	P127	Error Text: Initiator DN is the same as used in the underlying writing operation Validation: In case of four eyes principle, the initiator DN of the writing request (e.g. LiquidityTransfer) and the DN of the ConfirmTask has to be different. Remark: to be checked by CB's PHA / Receipt

ConfirmTask_PHA_Internal_1

Scope: Sample

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>ABC123</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>ConfirmTask</Tp>
SSP Proprietary Data	<SspPrtryDt>
TaskIdentificationSearchCriteria	<TskId>
Additional Reference	<RltdRef>
Reference	<Ref>ABC456631331</Ref>
End of Additional Reference	</RltdRef>
End of TaskIdentificationSearchCriteria	</TskId>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</camt.998.001.01>

6.11. 2 GetAccount

Cash Management Standard

GetAccount_PHA

Scope: The GetAccount message is sent to request information about the

- balance on the proprietary home account (if the related CB supports the interface to ICM).
- standing order liquidity transfer (held at PHA).

The GetAccount message can be sent by the application of the

- direct PM participant
- or the CB acting on behalf of her community

The GetAccount message is replied by a ReturnAccount message.

<camt.003.001.xx>

Structure:

Message Type

Message Identification

Identification

End Message Identification

Account Query Definition.

AccountCriteria

NewCriteria

SearchCriteria

Account Identification

AccountIdentificationChoice

Simple Identification Information

Identification

End of simple Identification Information

End of AccountIdentificationChoice

End of Account Identification

End of SearchCriteria

End of NewCriteria

End of AccountCriteria

End of AccountQueryDefinition

End of Message Type

<GetAcct>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<AcctQryDef>

<AcctCrit>

<NewCrit>

<SchCrit>

<AcctId>

<EQ>

<DmstAcct>

<Id>30050000</Id>

</DmstAcct>

</EQ>

</AcctId>

</SchCrit>

</NewCrit>

</AcctCrit>

</AcctQryDef>

</GetAcct>

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Attributes:

name of attribute	format	short description	description
<GetAcct>		Message Type	Message name for GetAccount
		Mandatory	Validation:
		A2A	[1..1]
<MsgId>		Message Identification	Message business identification
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.
		Mandatory	Validation:
		A2A	[1..1]
<Id>-</Id>	35x	Identification	Identification
			String of characters that uniquely identifies a message.
		Mandatory	Validation:
		A2A	[1..1]
</MsgId>		End Message Identification	End of Message Identification
		Mandatory	Validation:
		A2A	[1..1]
<AcctQryDef>		Account Query Definition.	
		Optional	Validation:
		A2A	[0..1]
<AcctCrit>		AccountCriteria	Definition of the account query criteria.
		Optional	Validation:
		A2A	[0..1]
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.
		Mandatory	Validation:
		A2A	[1..1]
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Optional	Validation:
		A2A	[0..1]
<AcctId>		Account Identification	
		Optional	Validation:
		A2A	[0..1] account identification used on behalf of third parties, when not stated The PHA account of the participant is used
<EQ>		AccountIdentificationChoice	AccountIdentificationChoice
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	<DmstAcct> Simple Identification Information
			Domestic Account
			Account number used by financial institutions in individual countries to identify an account of a customer, but

name of attribute	format	short description	description
			necessarily the bank and branch of the financial institution in which the account is held.
		Mandatory A2A	Validation: [1..1]
<Id>.</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.
		Mandatory A2A	account number of the requested account in PHA Validation: [1..1] mandatory when the requestor is a CB
</DmstAcct>		End of simple Identification Information Mandatory A2A	Validation: [1..1]
</EQ>		End of AccountIdentificationChoice	End of search for one or more accounts based on exact identification of the account(s).
		Mandatory A2A	Validation: [1..1]
</AcctId>		End of Account Identification Optional A2A	Validation: [0..1]
</SchCrit>		End of SearchCriteria	End of SearchCriteria
		Optional A2A	Validation: [0..1]
</NewCrit>		End of NewCriteria Mandatory A2A	Validation: [1..1]
</AcctCrit>		End of AccountCriteria	End of AccountCriteria
		Optional A2A	Validation: [0..1]
</AcctQryDef>		End of AccountQueryDefinition Optional A2A	End of AccountQueryDefinition Validation: [0..1]
</GetAcct>		End of Message Type Mandatory A2A	end of Messagename of GetAccount Validation:

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnAccount
2	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile central bank: message is allowed for central banks who supports PHA. Remark: checked by ICM / ReturnAccount
3	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile credit institution: message is allowed for credit institutions of which the responsible CB uses PHA Remark: checked by ICM / ReturnAccount
4	P26	-	-	P026	Error Text: The Proprietary Home Account is not available Validation: condition: PHA must be available via SWIFTNet so that the request can be received by PHA and a response will be returned in time Remark: checked by ICM / ReturnAccount
5	P55	-	-	P055	Error Text: Account does not exist or is invalid Validation: AcctId/Eq/DmstAcct/Id value must indicate a PHA account of the SSP Participant Remark: checked by ICM / ReturnAccount
6	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Profile credit institution: AcctId/Eq/DmstAcct/Id value must indicate the PHA account of the CI itself Remark: checked by ICM / ReturnAccount
7	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Profile central bank: AcctId/Eq/DmstAcct/Id value must indicate the CB itself or a PHA account the CB is responsible for Remark: checked by ICM / ReturnAccount
8	P27	-	-	P027	Error Text: Generic error generated by PHA Validation: specific and more detailed validations which will be checked by the Proprietary Home Account Application. These explicit validations will be pooled by SSP under the error text "Generic error generated by PHA" Remark: ReturnAccount

GetAccount_PHA_1

Scope: GetAccount Sender and Account Owner of the request are identic.

Message Type

<GetAcct>

M

Message Identification

<MsgId>

Identification

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Id>

End Message Identification

</MsgId>

End of Message Type

</GetAcct>

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GetAccount_PHA_2

Scope: GetAccount Sender and Account Owner of the request are different, request on behalf of third party

Message Type

Message Identification
Identification
End Message Identification
Account Query Definition.
AccountCriteria
NewCriteria
SearchCriteria
Account Identification
AccountIdentificationChoice
Simple Identification Information
Identification
End of simple Identification Information
End of AccountIdentificationChoice
End of Account Identification
End of SearchCriteria
End of NewCriteria
End of AccountCriteria
End of AccountQueryDefinition
End of Message Type

<GetAcct>

```
<MsgId>
|
|  <Id>ABC</Id>
|
| </MsgId>
|
| <AcctQryDef>
|
| | <AcctCrit>
| | |
| | | <NewCrit>
| | | |
| | | | <SchCrit>
| | | | |
| | | | | <AcctId>
| | | | | |
| | | | | | <EQ>
| | | | | | |
| | | | | | | <DmstAcct>
| | | | | | | |
| | | | | | | | <Id>50080000</Id>
| | | | | | | | </DmstAcct>
| | | | | | | </EQ>
| | | | | | </AcctId>
| | | | | </SchCrit>
| | | | </NewCrit>
| | | </AcctCrit>
| | </AcctQryDef>
```

</GetAcct>

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6.11. 3 GetCreditLine

SSP Proprietary Messages

GetCreditLine_PHA

Scope: The GetCreditLine message is used to receive information on the credit line currently available on the ~~RTGS account~~.
- proprietary home account (if the related CB supports the interface to ICM).

The GetCreditLine message can be sent by the application of the direct PM participant or the CB acting on behalf of her banking community.

The GetCreditLine message is replied by a ReturnCreditLine message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

CreditLineQueryDefinition

CreditLineCriteriaDefinition

NewCriteria

SearchCriteria

Account Identification

AccountIdentificationChoice

Simple Identification Information

Identification

End of simple Identification Information

End of AccountIdentificationChoice

End of Account Identification

End of SearchCriteria

End of NewCriteria

End of CreditLineCriteriaDefinition

End of CreditLineQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<PrtryData>

<Tp>GetCreditLine</Tp>

<SspPrtryDt>

<CrdtLnQryDef>

<CrdtLnCrit>

<NewCrit>

<SchCrit>

<AcctId>

<EQ>

<DmstAcct>

<Id>50070010</Id>

</DmstAcct>

</EQ>

</AcctId>

</SchCrit>

</NewCrit>

</CrdtLnCrit>

</CrdtLnQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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name of attribute	format	short description	description
<PrtryMsg>		Name Proprietary message	
		Mandatory	Validation:
		A2A	
<MsgId>		Message Identification	Message business identification
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.
			Message Reference
		Mandatory	Validation:
		A2A	[1..1]
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference
		Mandatory	Validation:
		A2A	[1..1]
</MsgId>		End Message Identification	End of Message Identification
		Mandatory	Validation:
		A2A	[1..1]
<PrtryData>		Proprietary Data	Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type
			defines the Type of the free format XML
			BackupPayment
			GetCreditLine
			ModifyCreditLine
			ReturnCreditLine
			GetBroadcast
			ReturnBroadcast
			GetSettlementInformation
			ReturnSettlementInformation
			ReleasePayment
			GetPendingData
			GetSystemTime
			GetSequence
			GetTask
			ConfirmTask
			RevokeTask
			ReturnSystemTime
			ReturnTask
			DeleteHAMAccount
			DeleteRTGSAccount
			DeleteSFAccount
			DeleteSubAccount
			GetCalendar
			GetCB
			GetContactItem
			GetDirectDebit
			GetErrorCode
			GetEvent
			GetGOA
			GetHAMAccount
			GetLegalEntity
			GetParticipant
			GetRTGSAccount
			GetSFAccount
			GetSubAccount
			GetT2Wildcard
			GetAS
			GetASSettBank

name of attribute	format	short description	description
			ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only GetCreditLine is possible Mandatory A2A
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory A2A	Validation: [1..1]
<CrdtLnQryDef>		CreditLineQueryDefinition	CreditLineQueryDefinition
		Optional A2A	Validation: [0..1]
<CrdtLnCrit>		CreditLineCriteriaDefinition	CreditLineCriteriaDefinition
		Optional A2A	Validation: [0..1]
<NewCrit>		NewCriteria	Defines the criteria based on which the information is extracted.
		Mandatory A2A	Validation: [1..1]
<SchCrit>		SearchCriteria	Defines the criteria used to search for.
		Optional A2A	Validation: [0..1]
<AcctId>		Account Identification	Account Identification
		Optional A2A	Validation: [0..1]
<EQ>		AccountIdentificationChoice	Search for one or more accounts based on exact identification of the account(s).
		Mandatory A2A	Validation: [1..1] only one account possible
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. account number of the requested account in PHA
		Mandatory	Validation:
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation:
		A2A	[1..1]
</EQ>		End of AccountIdentificationChoice	End of search for one or more accounts based on exact identification of the account(s).
		Mandatory	Validation:
		A2A	[1..1]
</AcctId>		End of Account Identification	
		Optional	Validation:
		A2A	[0..1]
</SchCrit>		End of SearchCriteria	
		Optional	Validation:
		A2A	[0..1]
</NewCrit>		End of NewCriteria	End of NewCriteria
		Mandatory	Validation:
		A2A	[1..1]
</CrdtLnCrit>		End of CreditLineCriteriaDefinition	end of CreditLineCriteriaDefinition
		Optional	Validation:
		A2A	[0..1]
</CrdtLnQryDef>		End of CreditLineQueryDefinition	end of CreditLineQueryDefinition
		Optional	Validation:
		A2A	[0..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryData>		End of Proprietary Data	End of Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
</PrtryMsg>		End proprietary message	
		Mandatory	Validation:
		A2A	

M

M

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / ReturnCreditLine
2	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile central bank: message is allowed for central banks who supports PHA. Remark: checked by ICM / ReturnCreditLine
3	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile credit institution: message is allowed for credit institutions of which the responsible CB uses PHA Remark: checked by ICM / ReturnCreditLine
4	P26	-	-	P026	Error Text: The Proprietary Home Account is not available Validation: condition: PHA must be available via SWIFTNet so that the request can be received by PHA and a response will be returned in time Remark: checked by ICM / ReturnCreditLine
5	P55	-	-	P055	Error Text: Account does not exist or is invalid Validation: AcctId/EQ/DmstAcct/Id existing and valid account Remark: checked by ICM / ReturnCreditLine
6	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Profile credit institution: AcctId/eq/DmstAcct/Id value must indicate the PHA account of the CI itself Remark: To be checked checked by ICM / ReturnCreditLine
7	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Profile central bank: AcctId/eq/DmstAcct/Id value must indicate the CB itself or a PHA account the CB is responsible for Remark: checked by ICM / ReturnCreditLine
8	P27	-	-	P027	Error Text: Generic error generated by PHA Validation: specific and more detailed validations which will be checked by the Proprietary Home Account Application. These explicit validations will be pooled by SSP under the error text "Generic error generated by PHA" Remark: ReturnCreditLine or Receipt

GetCreditLine_PHA_1

Scope: GetCreditLine request for Proprietary home account, Sender and account owner are identic.

Name Proprietary message	<PrtryMsg>	M
Message Identification	<MsgId>	
Reference	<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Ref>	
End Message Identification	</MsgId>	
Proprietary Data	<PrtryData>	M
Proprietary Data type	<Tp>GetCreditLine</Tp>	
SSP Proprietary Data	<SspPrtryDt/>	
End of Proprietary Data	</PrtryData>	M
End proprietary message	</PrtryMsg>	M

GetCreditLine_PHA_2

Scope: GetCreditLine request for Proprietary home account, Sender and account owner are different, request on behalf of third party

Name Proprietary message

Message Identification

Reference

End Message Identification

Proprietary Data

Proprietary Data type

SSP Proprietary Data

CreditLineQueryDefinition

CreditLineCriteriaDefinition

NewCriteria

SearchCriteria

Account Identification

AccountIdentificationChoice

Simple Identification Information

Identification

End of simple Identification Information

End of AccountIdentificationChoice

End of Account Identification

End of SearchCriteria

End of NewCriteria

End of CreditLineCriteriaDefinition

End of CreditLineQueryDefinition

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Ref>

</MsgId>

<PrtryData>

<Tp>GetCreditLine</Tp>

<SspPrtryDt>

<CrdtLnQryDef>

<CrdtLnCrit>

<NewCrit>

<SchCrit>

<AcctId>

<EQ>

<DmstAcct>

<Id>50070010</Id>

</DmstAcct>

</EQ>

</AcctId>

</SchCrit>

</NewCrit>

</CrdtLnCrit>

</CrdtLnQryDef>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6.11. 4 LiquidityCreditTransfer

Cash Management Standard

LiquidityCreditTransfer_PHA

Scope: The LiquidityCreditTransfer message is used to transfer funds between
- two accounts belonging to the same participant from

- proprietary home account to RTGS account (if the related CB supports the interface to ICM).

The LiquidityTransfer message can be sent by the application of the
- direct PM participant in case of transfers between two accounts belonging to the same participant.
- or the CB acting on behalf of her banking community

The LiquidityCreditTransfer message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.050.001.xx>

Structure:

Message name for LiquidityCreditTransfer

Message Identification

Identification

End Message Identification

Account Identification Credit

Identification

Simple Identification Information

Identification

End of simple Identification Information

End Identification

CashAccountTypeCode

End of Account Identification Credit

Amount

Amount without currency

End of Transferred Amount

Account Identification Debit

Identification

Simple Identification Information

Identification

End of simple Identification Information

End Identification

Proprietary Data type

End of Account Identification Debit

End message name LiquidityCreditTransfer

<LqdyCdtTfr>

<MsgId>

<Id>ABC123</Id>

</MsgId>

<CdtAcct>

<Id>

<DmstAcct>

<Id>PM123568799</Id>

</DmstAcct>

</Id>

<Tp>SACC</Tp>

</CdtAcct>

<TrfdAmt>

<AmtWthtCcy>500.00</AmtWthtCcy>

</TrfdAmt>

<DbtAcct>

<Id>

<DmstAcct>

<Id>PHA30050000</Id>

</DmstAcct>

</Id>

<Tp>CACC</Tp>

</DbtAcct>

</LqdyCdtTfr>

M

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Attributes:

name of attribute	format	short description	description
<LqdyCdtTfr>		Message name for LiquidityCreditTransfer Mandatory	Message name for LiquidityCreditTransfer Validation:
<MsgId>		Message Identification Mandatory	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1] unique and unambiguous identification of the message
<Id>-</Id>	35x	Identification Mandatory	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory	End of Message Identification Validation: [1..1]
<CdtAcct>		Account Identification Credit Mandatory	Account credited as a result of a credit entry. i Validation: [1..1] credited account - account number of the settlement account (RTGS account)
<Id>		Identification Mandatory	 Validation: [1..1] account identification
<DmstAcct>		Simple Identification Information Mandatory	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held. Validation: [1..1] account number
<Id>-</Id>	34x	Identification Mandatory	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	 Validation: [1..1]
</Id>		End Identification Mandatory	 Validation: [1..1]

name of attribute	format	short description	description
<Tp>-<Tp>		CashAccountTypeCode	<p>Specifies the nature, or use, of the cash account.</p> <p>CACC Current Account used to post debits and credits when no specific account has been nominated.</p> <p>CASH CashPayment Account used for the payment of cash.</p> <p>CHAR Charges Account used for charges if different from the account for payment.</p> <p>CISH CashIncome Account used for payment of income if different from the current cash account.</p> <p>COMM Commission Account used for commission if different from the account for payment.</p> <p>MGLD MarginalLending Account used for a marginal lending facility.</p> <p>ONDP OverNightDeposit Account used for overnight deposits.</p> <p>SACC Settlement Account used to post debit and credit entries, as a result of transactions cleared and settled through a specific clearing and settlement system.</p> <p>SVGS Savings Account used for savings.</p> <p>TAXE Tax Account used for taxes if different from the account for payment.</p> <p>TRAS CashTrading Account used for trading if different from the current cash account.</p>
		Mandatory	<p>Validation: [1..1] only SACC = for RTGS account is used</p>
</CdtAcct>		End of Account Identification Credit	<p>End of Account Details</p> <p>End of Account credited as a result of a credit entry.</p>
		Mandatory	<p>Validation: [1..1]</p>
<TrfdAmt>		Amount	<p>The amount may be defined with or without the currency. <AmtWthCcy> CurrencyAndAmount <AmtWthtCcy> ImpliedCurrencyAndAmount</p>
		Mandatory	<p>Validation: [1..1]</p>
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	<p>Number of monetary units specified in a currency where the unit of currency is implied by the context.</p> <p>totalDigits = 18</p> <p>fractionDigits = 5</p>
		Mandatory	<p>Validation: [1..1] amount in Euro in PHA only 2 fraction digits are possible value restriction: maximum value 999.999.999.999,99 0,00 value is not allowed</p>
</TrfdAmt>		End of Transferred Amount	
		Mandatory	<p>Validation:</p>

name of attribute	format	short description	description
		A2A	[1..1]
<DbtAcct>		Account Identification Debit Optional	Validation: [0..1] debited account - account number of the home account used on behalf of a third parties
<Id>		Identification Mandatory	Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held. Validation: [1..1] account number
<Id>-</Id>	34x	Identification Mandatory	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation: [1..1]
</Id>		End Identification Mandatory	Validation: [1..1]
<Tp>-</Tp>		Proprietary Data type	CashAccountTypeCode CACC = Current Account used to post debits and credits when no specific account has been nominated. CASH = CashPayment Account used for the payment of cash. CHAR = Charges Account used for charges if different from the account for payment. CISH = CashIncome Account used for payment of income if different from the current cash account. COMM = Commission Account used for commission if different from the account for payment. MGLD = MarginalLending Account used for a marginal lending facility. ONDP = OverNightDeposit Account used for overnight deposits. SACC = Settlement Account used to post debit and credit entries, as a result of transactions cleared and settled through a specific clearing and settlement system. SVGS = Savings Account used for savings.

name of attribute	format	short description	description	
			TAXE = Tax Account used for taxes if different from the account for payment. TRAS = CashTrading Account used for trading if different from the current cash account	
		Mandatory	Validation: [1..1] here only CACC = home account is used	
</DbtAcct>		End of Account Identification Debit Optional	Validation: [0..1]	
</LqdyCdtTfr>		End message name LiquidityCreditTransfer Mandatory	End message name LiquidityCreditTransfer	M
			Validation:	

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile central bank: message is allowed for central banks who supports PHA. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
4	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile credit institution: message is allowed for credit institutions of which the responsible CB uses PHA Remark: checked by ICM / Receipt
5	P26	-	-	P026	Error Text: The Proprietary Home Account is not available Validation: condition: PHA must be available via SWIFTNet so that the request can be received by PHA and a response will be returned in time Remark: checked by ICM / Receipt
6	P59	-	-	P059	Error Text: Either credit account or debited account must be present Validation: CdtAcct/Id/DmstAcct/Id when not present a debtor must be stated Remark: checked by ICM / Receipt
7	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Profile credit institution: CdtAcct/Id/DmstAcct/Id must indicate the RTGS main account of the CI Remark: checked by ICM / Receipt
8	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Profile central bank: CdtAcct/Id/DmstAcct/Id must indicate the RTGS main account that belongs to the CB itself or the CB is responsible for Remark: checked by ICM / Receipt
9	P59	-	-	P059	Error Text: Either credit account or debited account must be present Validation: DbtAcct/Id/DmstAcct/Id when not present a creditor must be stated. Remark: checked by ICM / Receipt

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
10	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Profile credit institution: DbtAcct/Id/DmstAcct/Id value must indicate the PHA account of the CI Remark: checked by ICM / Receipt
11	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Profile central bank: DbtAcct/Id/DmstAcct/Id must indicate a PHA account that belongs to the CB itself or the CB is responsible for Remark: checked by ICM / Receipt
12	862	C2	TM01	2862	Error Text: Request out of cut-off time Validation: Request before cut-off time Remark: TaskQueue To be checked by CB's PHA / TaskQueue
13	894	-	-	2894	Error Text: Function is not allowed in the current business day phase Validation: SSP is open Remark: TaskQueue To be checked by CB's PHA / TaskQueue
14	866	C6	AC06	2866	Error Text: Exclusion of participant Validation: Customer is excluded Remark: TaskQueue To be checked by CB's PHA
15	P58	-	-	P058	Error Text: Both credited and debited account are mandatory Validation: in case on behalf scenario credited and debited account are mandatory Remark: TaskQueue To be checked by CB's PHA
16	P57	-	-	P057	Error Text: Invalid debited account Validation: debited account does exist in PHA and is valid Remark: TaskQueue To be checked by CB's PHA
17	P56	-	-	P056	Error Text: Invalid credited account Validation: credited account does exist in PHA and is valid Remark: TaskQueue To be checked by CB's PHA
18	P67	L6	-	P067	Error Text: Liquidity on the debited account is not sufficient Validation: Liquidity control Remark: TaskQueue To be checked by CB's PHA
19	P68	-	-	P068	Error Text: There is a highly urgent payment in the queue Validation: FIFO principle Remark: TaskQueue To be checked by CB's PHA
20	P27	-	-	P027	Error Text: Generic error generated by PHA Validation: specific and more detailed validations which will be checked by the Proprietary Home Account Application. These explicit validations will be pooled by SSP under the error text "Generic error generated by PHA" Remark: TaskQueue or Receipt

LiquidityCreditTransfer_PHA_1

Scope: LiquidityTransfer from Proprietary Home account to RTGS account (Sending party and Account Owner are identic)

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

M

Message Identification

<MsgId>

Identification

<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Id>

End Message Identification

</MsgId>

Account Identification Credit

<CdtAcct>

Identification

<Id>

Simple Identification Information

<DmstAcct>

Identification

<Id>PM1234567890</Id>

End of simple Identification Information

</DmstAcct>

End Identification

</Id>

CashAccountTypeCode

<Tp>SACC</Tp>

End of Account Identification Credit

</CdtAcct>

Amount

<TrfdAmt>

Amount without currency

<AmtWthtCcy>12345678.90</AmtWthtCcy>

End of Transferred Amount

</TrfdAmt>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

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LiquidityCreditTransfer_PHA_2

Scope: LiquidityTransfer from Proprietary Home account to RTGS account (Sending party and Account Owner are different, request on behalf of third party).

Message name for LiquidityCreditTransfer

<LqdyCdtTfr>

M

Message Identification	<MsgId>
Identification	<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Id>
End Message Identification	</MsgId>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1234567890</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
CashAccountTypeCode	<Tp>SACC</Tp>
End of Account Identification Credit	</CdtAcct>
Amount	<TrfdAmt>
Amount without currency	<AmtWthtCcy>12345678.90</AmtWthtCcy>
End of Transferred Amount	</TrfdAmt>
Account Identification Debit	<DbtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>PHA1234567890</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
Proprietary Data type	<Tp>CACC</Tp>
End of Account Identification Debit	</DbtAcct>

End message name LiquidityCreditTransfer

</LqdyCdtTfr>

M

6.11. 5 ModifyStandingOrder

Cash Management Standard

ModifyStandingOrder_PHA

- Scope:** The ModifyStandingOrder message is used to
- define a standing order liquidity transfer from
 - the proprietary home account to the RTGS account (if the CB supports the interface to ICM)
 - modify a standing order liquidity transfer from
 - the proprietary home account to the RTGS account (if the CB supports the interface to ICM)

The ModifyStandingOrder message can be sent by the application of a direct PM participant or the CB acting on behalf of her community.

There is only one StandingOrder possible between PHA and RTGS account.

The ModifyStandingOrder message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is supported.

<camt.024.001.xx>

Structure:

Message Type

Message Identification	<MsgId>
Identification	<Id>ABC123456</Id>
End Message Identification	</MsgId>
Identification of the standing order	<StgOrdId>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1234567890</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
End of Standing order Id	</StgOrdId>
Standing order details	<NewStgOrdValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>500000.00</AmtWthtCcy>
End of Amount	</Amt>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1235689745</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
CashAccountTypeCode	<Tp>SACC</Tp>
End of Account Identification Credit	</CdtAcct>
End of Standing order details	</NewStgOrdValSet>
End of Messagename for ModifyStandingOrder	</ModifyStgOrd>

M

M

Attributes:

name of attribute	format	short description	description
<ModifyStgOrd>		Message Type Mandatory A2A	Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
<StgOrdId>		Identification of the standing order Mandatory A2A	Validation: [1..1]
<AcctId>		Account Identification Mandatory A2A	Account Identification Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory A2A	<DmstAcct> Simple Identification Information Domestic Account Account number used by financial institutions in individual countries to identify an account of a customer, but necessarily the bank and branch of the financial institution in which the account is held. Validation: [1..1]
<Id>-</Id>	34x	Identification Mandatory A2A	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. account number of the home account Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory A2A	Validation: [1..1]
</AcctId>		End of Account Identification Mandatory A2A	Unique and unambiguous identification for the account between the account owner and the account servicer. Validation: [1..1]

name of attribute	format	short description	description
</StgOrdrid>		End of Standing order Id	End Standing order Id
		Mandatory	Validation:
		A2A	[1..1]
<NewStgOrdrValSet>		Standing order details	Standing order details
		Mandatory	Validation:
		A2A	[1..1]
<Amt>		Amount	Amount in EUR
		Mandatory	Validation:
		A2A	[1..1]
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency	Number of monetary units specified in a currency where the unit of currency is implied by the context.
			totalDigits = 18
			fractionDigits = 5
		Mandatory	Validation:
		A2A	[1..1] in PHA only 2 fraction digits are possible value restriction: maximum value 999.999.999.999,99
</Amt>		End of Amount	End of Amount
		Mandatory	Validation:
		A2A	[1..1]
<CdtAcct>		Account Identification Credit	Account Details
			Account credited as a result of a credit entry.
		Mandatory	Validation:
<Id>		Identification	Identification
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Validation:
		A2A	[1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier.
		Mandatory	Validation:
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation:
		A2A	[1..1]
</Id>		End Identification	
		Mandatory	Validation:
		A2A	[1..1]

name of attribute	format	short description	description
<Tp>-</Tp>		CashAccountTypeCode	CashAccountTypeCode
		Mandatory	Validation:
	A2A		[1..1] only SACC is used
</CdtAcct>		End of Account Identification Credit	End of Account Details
			End of Account credited as a result of a credit entry.
		Mandatory	Validation:
</NewStgOrdrValSet>	A2A		[1..1]
		End of Standing order details	End Standing order details
		Mandatory	Validation:
</ModifyStgOrdr>	A2A		[1..1]
		End of Messagename for ModifyStandingOrder	
		Mandatory	Validation:
</ModifyStgOrdr>	A2A		

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Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	X00	-	-	0000	Error Text: O.k. Validation: Confirmation, that a task is stored in the task queue. A related reference for the subsequent processing (e.g. confirmation) of the task is returned. Remark: Receipt (status code)
2	X44	-	-	1404	Error Text: If "non repudiation of emission" is mandatory, the NRE indication flag has to be present Validation: When non-repudiaton processing is mandatory, the tag <SwInt:NRIndication>TRUE</SwInt:NRIndication> has to be present. Remark: checked by ICM / Receipt
3	X41	-	-	1401	Error Text: No permission. RBAC User role(s) are not sufficient. Validation: RBAC role name "APPLICATE" or "APPLICBTE" are required Remark: checked by ICM / Receipt
4	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile central bank: message is allowed for central banks who supports PHA. Remark: checked by ICM / Receipt
5	P25	-	-	P025	Error Text: Central Bank does not support the Proprietary Home Account interface Validation: Profile credit institution: message is allowed for credit institutions of which the responsible CB uses PHA Remark: checked by ICM / Receipt
6	P26	-	-	P026	Error Text: The Proprietary Home Account is not available Validation: condition: PHA must be available via SWIFTNet so that the request can be received by PHA and a response will be returned in time Remark: checked by ICM / Receipt
7	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Profile credit institution: AcctId/DmstAcct/Id value must indicate the PHA account of the CI itself Remark: checked by ICM / Receipt
8	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Profile central bank: AcctId/DmstAcct/Id value must indicate a PHA that belongs to the CB or a participant the CB is responsible for Remark: checked by ICM / Receipt
9	X42	-	-	1402	Error Text: No authorisation. User is not allowed acting on behalf of another PM-Participant Validation: Profile credit institution: CdtAcct/Id/DmstAcct/Id must indicate the RTGS main account of the CI Remark: checked by ICM / Receipt
10	X47	-	-	1407	Error Text: No authorisation. User is not allowed acting on behalf of another Participant as Central Bank Validation: Profile central bank: CdtAcct/Id/DmstAcct/Id must indicate the RTGS main account that belongs to the CB itself or the CB is responsible for Remark: checked by ICM / Receipt

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
11	P55	-	-	P055	Error Text: Account does not exist or is invalid Validation: CdtAcct/Id/DmstAcct/Id credited account does exist in PHA and is valid Remark: TaskQueue To be checked by CB's PHA
12	P55	-	-	P055	Error Text: Account does not exist or is invalid Validation: AcctId/DmstAcct/Id debited account does exist in PHA and is valid Remark: TaskQueue To be checked by CB's PHA
13	P27	-	-	P027	Error Text: Generic error generated by PHA Validation: specific and more detailed validations which will be checked by the Proprietary Home Account Application. These explicit validations will be pooled by SSP under the error text "Generic error generated by PHA" Remark: TaskQueue or Receipt

ModifyStandingOrder_PHA_1

Scope: Define Standing Order from Proprietary Home Account to RTGS account.

Message Type

Message Identification	<MsgId>
Identification	<Id>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Id>
End Message Identification	</MsgId>
Identification of the standing order	<StgOrdId>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>PHA1234567890</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
End of Standing order Id	</StgOrdId>
Standing order details	<NewStgOrdValSet>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>12345678.90</AmtWthtCcy>
End of Amount	</Amt>
Account Identification Credit	<CdtAcct>
Identification	<Id>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1234567890</Id>
End of simple Identification Information	</DmstAcct>
End Identification	</Id>
CashAccountTypeCode	<Tp>SACC</Tp>
End of Account Identification Credit	</CdtAcct>
End of Standing order details	</NewStgOrdValSet>
End of Messagename for ModifyStandingOrder	</ModfyStgOrd>

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6.11. 6 ReturnAccount

Cash Management Standard

ReturnAccount_PHA

Scope: The ReturnAccount message is used to return information about the

- balance on the proprietary home account (if the related CB supports the interface to ICM).
- standing order liquidity transfer (held at PHA).

The connected request is performed by a GetAccount message.

<camt.004.001.xx>

Structure:

Message Type

Message Identification

Identification

End Message Identification

choice

BusinessReport

AccountReport

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

Account Identification

MultilateralBalance

Amount

Credit or debit indicator

Balance Type choice

BalanceTypeCode

End balance type choice

End of MultilateralBalance

StandingOrder

Amount

Amount without currency

End of Amount

Credit or debit indicator

Associated Pool Account

Simple Identification Information

Identification

End of simple Identification Information

End Associated Pool Account

End of Standing Order

End of Account

End of AccountReport

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

<RtrAcct>

<MsgId>

<Id>ABC123456</Id>

</MsgId>

xorBizRptOprlErr

<BizRpt>

<AcctRpt>

<AcctId>

<DmstAcct>

<Id>BE67123456789122345678</Id>

</DmstAcct>

</AcctId>

<Acct>

<MulBal>

<Amt>5000.00</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<Tp>

<Cd>BLCK</Cd>

</Tp>

</MulBal>

<StgOrd>

<Amt>

<AmtWthtCcy>5000.00</AmtWthtCcy>

</Amt>

<CdtDbtInd>CRDT</CdtDbtInd>

<AssoctdPoolAcct>

<DmstAcct>

<Id>BE67123456789122345678</Id>

</DmstAcct>

</AssoctdPoolAcct>

</StgOrd>

</Acct>

</AcctRpt>

</BizRpt>

<OprlErr>

<Err>

<Prtry>9999</Prtry>

</Err>

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Description
End of Operational Error
End choice
End of Message Type

```
<Desc>General system error</Desc>  
</OpriErr>  
/xorBizRptOpriErr  
</RtrAcct>
```

M

Attributes:

name of attribute	format	short description	description
<RtrAcct>		Message Type Mandatory A2A	Validation:
<MsgId>		Message Identification Mandatory A2A	Message business identification Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages. Validation: [1..1]
<Id>-</Id>	35x	Identification Mandatory A2A	Identification String of characters that uniquely identifies a message. Validation: [1..1]
</MsgId>		End Message Identification Mandatory A2A	End of Message Identification Validation: [1..1]
xorBizRptOprlErr		choice Mandatory A2A	choice amongst BizRpt und OprlErr Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation:
<BizRpt>		BusinessReport Mandatory A2A	BusinessReport Validation: [1..1]
<AcctRpt>		AccountReport Mandatory A2A	Validation: [1..n]
<AcctId>		Account Identification Mandatory A2A	Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory A2A	Simple Identification Information Validation: [1..1]
<Id>-</Id>	34x	Identification Mandatory A2A	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. Account number of the requested Proprietary home account Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory	Validation:

name of attribute	format	short description	description
		A2A	[1..1]
</AcctId>		End of Account Identification Mandatory	Validation: [1..1]
		A2A	
<Acct>		Account Identification Mandatory	Validation: [1..1] BusinessError is not used
		A2A	
<MulBal>		MultilateralBalance Mandatory	Validation: [2..2]
		A2A	
<Amt>-</Amt>	18d	Amount Mandatory	Validation: [1..1] in PHA only 2 fraction digits are possible
		A2A	
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory	Validation: [1..1]
		A2A	

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name of attribute	format	short description	description
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Validation:

<Tp>	Balance Type choice Mandatory	Validation: [1..1]	A
<Cd>	BalanceTypeCode	Specifies the nature of the balance, eg, opening balance.	A

name of attribute	format	short description	description
			<p>ADJT= Adjustment Balance to be held in the settlement account in order to comply with the average reserve due, in the event that the bank's balance is equal to the reserve due during the remaining days of the maintenance period.</p> <p>AVLB = Available Balance of money or securities that is at the disposal of the account owner on the date specified.</p> <p>BLCK = Blocked Balance representing the regulatory reserve that a financial institution must have with the account servicing institution, eg, the minimum credit balance a financial institution is to keep with ist Central Bank for mandatory reserve purposes. In some countries, a blocked balance is known as a 'reserve' balance.</p> <p>BOOK = Book Balance that is registered in the books of the account servicer.</p> <p>CLSG = Closing Balance of the account at the end of the account servicer's business day. It is the sum of the opening balance at the beginning of the day and all entries booked to the account during the account servicer's business day.</p> <p>CRDT = Credit Balance representing the sum of all credit entries booked to an account.</p> <p>CRRT = Current Balance of the account at a precise moment in time.</p> <p>DBIT = Debit Balance representing the sum of all debit entries booked to an account.</p> <p>DLOD = DaylightOverdraft Balance representing the intra day overdraft granted by the Central Bank to financial institutions participating in a RTGS system. This balance may vary over time and shall be offset at the end of the day.</p> <p>EAST = EligibleAssets Balance representing the potential loan a Central Bank would make in cash if the collateral is pledged, eg, securities available and eligible as collateral with the Central Bank.</p> <p>INTM = Interim Balance calculated in the course of the account servicer's business day, at the time specified, and subject to further changes during the business day. The interim balance is calculated on the basis of booked credit and debit items during the calculation time/period specified.</p> <p>LRLD = LimitRelated Balance of a specific limit value, eg, a bilateral balance is calculated in relation to a given bilateral limit.</p> <p>LTSF= LiquidityTransfer Balance composed of the sum of all liquidity transfers made to or from an account.</p> <p>OPNG = Opening Book balance of the account at the beginning of the account servicer's business day. It always equals the closing book balance from the previous business day. Note: the available balance at the beginning of the account servicer's business day may be different from the closing book balance from the previous business day.</p> <p>PDNG = Pending Balance of securities pending delivery, eg, orders to sell securities have been executed but settlement of the open transactions has not been confirmed.</p>

name of attribute	format	short description	description
			<p>PRAV = ProgressiveAverage Average of the daily balances on the account used to fulfil the reserve requirements calculated from the beginning of the maintenance period.</p> <p>PYMT = Payment Balance representing the sum of entries as a result of payments processing. Entries relating to fees, interest, or other movements not a result of payments sent or received by the account owner are not included.</p> <p>XCRD = ExpectedCredit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day credit balance if everything books to the account and no other credit entry is posted.</p> <p>XDBT = ExpectedDebit Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day debit balance if everything books to the account and no other debit entry is posted.</p> <p>XPCD = Expected Balance, composed of booked entries and pending items known at the time of calculation, which projects the end of day balance if everything is booked on the account and no other entry is posted.</p> <p>*****NOTE = Noted Balance Balance representing the amount that a financial institution has set aside for a specific reason and which is therefore not available</p>
		Mandatory	<p>Validation: [1..1]BLCK (= blocked amount and not available balances) and CRRT (=current account balance) are used.</p>
</Tp>		End balance type choice Mandatory	<p>Validation: [1..1]</p>
</MulBal>		End of MultilateralBalance Mandatory A2A	<p>Validation: [2..2]</p>
<StgOrdr>		StandingOrder Optional A2A	<p>Validation: [0..1]</p>
<Amt>		Amount Mandatory A2A	<p>Validation: [1..1]</p>
<AmtWthtCcy>- </AmtWthtCcy>	18n	Amount without currency	<p>Number of monetary units specified in a currency where the unit of currency is implied by the context.</p> <p>The integer part of Amount must contain at least one digit. The decimal separator is a dot '.'. It is not mandatory but included in the maximum length. The number of digits following the dot must not exceed the maximum number allowed for that specific currency as specified in ISO 4217.</p>
		Mandatory A2A	<p>Validation: [1..1]</p>
</Amt>		End of Amount Mandatory	<p>Validation:</p>

name of attribute	format	short description	description
		A2A	[1..1]
<CdtDbtInd>-</CdtDbtInd>	4!a	Credit or debit indicator Mandatory A2A	Validation: [1..1] only CRDT is possible
<AssoctdPoolAcct>		Associated Pool Account Mandatory A2A	Associated Pool Account The Liquidity transfer origin or destination account within the pool of accounts under management of the requestor credited account Validation: [1..1]
<DmstAcct>		Simple Identification Information Mandatory A2A	Simple Identification Information Validation: [1..1]
<Id>-</Id>	34x	Identification Mandatory A2A	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. account number of the credited account (RTGS account) Validation: [1..1]
</DmstAcct>		End of simple Identification Information Mandatory A2A	Validation: [1..1]
</AssoctdPoolAcct>		End Associated Pool Account Mandatory A2A	End Associated Pool Account Validation: [1..1]
</StgOrd>		End of Standing Order Optional A2A	Validation: [0..1]
</Acct>		End of Account Mandatory A2A	Validation: [1..1]
</AcctRpt>		End of AccountReport Mandatory A2A	Validation: [1..n]
</BizRpt>		End of BusinessReport Mandatory A2A	End of BusinessReport Validation: [1..1]
<OpriErr>		OperationalError	Rule rationale: The message will contain either the information matching the search criteria of the related Get message or an error indication. Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Separate Specification see UDFS books regarding error codes

name of attribute	format	short description	description	
		Mandatory	Validation:	
		A2A	[1..1]	
<Err>		Error handling		A
		Mandatory	Validation:	
			[1..1]	
<Prtry>-</Prtry>	4x	Proprietary error code	Specification of the error, in free format.	A
		Mandatory	Validation:	
			[1..1]	
</Err>		End error handling		A
		Mandatory	Validation:	
			[1..1]	
			Validation:	D
<Desc>-</Desc>	140x	Description	Specification of the error, in free format.	
		Optional	Validation:	
		A2A	[0..1]	
</OprlErr>		End of Operational Error	End of Operational Error	
		Mandatory	Validation:	
		A2A	[1..1]	
/xorBizRptOprlErr		End choice	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
		Mandatory	Validation:	
		A2A		
</RtrAcct>		End of Message Type		M
		Mandatory	Validation:	
		A2A		

Error Codes:

ReturnAccount_PHA_1

Scope: ReturnAccount: return information about the balance on the proprietary home account (current and blocked) and standing order liquidity transfer.

Message Type

Message Identification	<MsgId>
Identification	<Id> ABCDEFGHIJKLMNOPQRST1234567895</Id>
End Message Identification	</MsgId>
BusinessReport	<BizRpt>
AccountReport	<AcctRpt>
Account Identification	<AcctId>
Simple Identification Information	<DmstAcct>
Identification	<Id>PHA1234567890</Id>
End of simple Identification Information	</DmstAcct>
End of Account Identification	</AcctId>
Account Identification	<Acct>
MultilateralBalance	<MulBal>
Amount	<Amt>30000000.00</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>BLCK</Cd>
End balance type choice	</Tp>
End of MultilateralBalance	</MulBal>
MultilateralBalance	<MulBal>
Amount	<Amt>200000.00 </Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Balance Type choice	<Tp>
BalanceTypeCode	<Cd>CRRT</Cd>
End balance type choice	</Tp>
End of MultilateralBalance	</MulBal>
StandingOrder	<StgOrdr>
Amount	<Amt>
Amount without currency	<AmtWthtCcy>100000.00</AmtWthtCcy>
End of Amount	</Amt>
Credit or debit indicator	<CdtDbtInd>CRDT</CdtDbtInd>
Associated Pool Account	<AssoctdPoolAcct>
Simple Identification Information	<DmstAcct>
Identification	<Id>PM1234567890</Id>
End of simple Identification Information	</DmstAcct>
End Associated Pool Account	</AssoctdPoolAcct>
End of Standing Order	</StgOrdr>
End of Account	</Acct>
End of AccountReport	</AcctRpt>
End of BusinessReport	</BizRpt>
End of Message Type	</RtrAcct>

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6.11. 7 ReturnCreditLine

SSP Proprietary Messages

ReturnCreditLine_PHA

Scope: The ReturnCreditLine message is used to return information on the credit line currently available on the

- proprietary home account (if the related CB supports the interface to ICM).

The connected request is performed by a GetCreditLine message.

<camt.998.001.xx>

Structure:

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

choice

BusinessReport

Credit Line Report

CreditLineIdentification

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

End Credit Line Identification

Credit Details

Amount without currency

End Credit Details

End of Credit Line Report

End of BusinessReport

OperationalError

Error handling

Proprietary error code

End error handling

Description

End of Operational Error

End choice

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABC123</Ref>

</MsgId>

<Rltd>

<Ref>BN5689</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnCreditLine</Tp>

<SspPrtryDt>

xorBizRptOpriErr

<BizRpt>

<CrdtLnRpt>

<CrdtId>

<AcctId>

<DmstAcct>

<Id>PHA50070010</Id>

</DmstAcct>

</AcctId>

</CrdtId>

<CrdtDtls>

<AmtWthtCcy>500000.00</AmtWthtCcy>

</CrdtDtls>

</CrdtLnRpt>

</BizRpt>

<OpriErr>

<Err>

<Prtry>9999</Prtry>

</Err>

<Desc>General system error</Desc>

</OpriErr>

/xorBizRptOpriErr

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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Attributes:

name of attribute	format	short description	description	
<PrtryMsg>		Name Proprietary message		M
		Mandatory	Validation:	
		A2A		
<MsgId>		Message Identification	Message business identification	
			Unique and unambiguous identifier for a message, as assigned by the Sender. This unique identifier can be used for cross-referencing purposes in subsequent messages.	
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</MsgId>		End Message Identification	End of Message Identification	
		Mandatory	Validation:	
		A2A	[1..1]	
<Rltd>		Related	References a previously received message.	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference	
		Mandatory	Validation:	
		A2A	[1..1]	
</Rltd>		End of Related	End of Related	M
		Mandatory	Validation:	
		A2A	[1..1]	
<PrtryData>		Proprietary Data	Proprietary Data	M
		Mandatory	Validation:	
		A2A	[1..1]	
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type	
			defines the Type of the free format XML	
			BackupPayment	
			GetCreditLine	
			ModifyCreditLine	
			ReturnCreditLine	
			GetBroadcast	
			ReturnBroadcast	
			GetSettlementInformation	
			ReturnSettlementInformation	
			ReleasePayment	
			GetPendingData	
			GetSystemTime	
			GetSequence	
			GetTask	
			ConfirmTask	
			RevokeTask	
			ReturnSystemTime	
			ReturnTask	
			DeleteHAMAccount	
			DeleteRTGSAccount	

name of attribute	format	short description	description
			DeleteSFAccount DeleteSubAccount GetCalendar GetCB GetContactItem GetDirectDebit GetErrorCode GetEvent GetGOA GetHAMAccount GetLegalEntity GetParticipant GetRTGSAccount GetSFAccount GetSubAccount GetT2Wildcard GetAS GetASSettBank ReturnAS ReturnASSettBank ModifyHAMAccount ModifyRTGSAccount ModifySequence ModifySFAccount ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard
		Mandatory	Validation:
		A2A	[1..1]
<SspPrtryDt>		SSP Proprietary Data	Root element for all SSP proprietary data
		Mandatory	Validation:
		A2A	[1..1]
xorBizRptOprlErr		choice	choice amongst BizRpt und OprlErr
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.
		Mandatory	Validation:
		A2A	
<BizRpt>		BusinessReport	BusinessReport
		Mandatory	Validation:
		A2A	[1..1]
<CrdtLnRpt>		Credit Line Report	CreditLineReport
		Mandatory	Validation:
		A2A	[1..1]
<CrdtId>		CreditLineIdentification	CreditLineIdentification
			free format tag

name of attribute	format	short description	description
		Mandatory	Validation:
		A2A	[1..1]
<AcctId>		Account Identification	Account Identification
		Mandatory	Validation:
		A2A	[1..1]
<DmstAcct>		Simple Identification Information	Simple Identification Information
		Mandatory	Validation:
		A2A	[1..1]
<Id>-</Id>	34x	Identification	Name or number assigned by an entity to enable recognition of that entity, eg, account identifier. account number of the proprietary home account
		Mandatory	Validation:
		A2A	[1..1]
</DmstAcct>		End of simple Identification Information	
		Mandatory	Validation:
		A2A	[1..1]
</AcctId>		End of Account Identification	
		Mandatory	Validation:
		A2A	[1..1]
</CrdtId>		End Credit Line Identification	End Credit Line Identification
			free format tag
		Mandatory	Validation:
		A2A	[1..1]
<CrdtDtls>		Credit Details	Credit Details
			free format tag
		Mandatory	Validation:
		A2A	[1..1]
<AmtWthtCcy>-</AmtWthtCcy>	18n	Amount without currency	
		Mandatory	Validation:
		A2A	[1..1] in PHA only 2 fraction digits are possible
</CrdtDtls>		End Credit Details	End Credit Details
		Mandatory	Validation:
		A2A	[1..1]
</CrdtLnRpt>		End of Credit Line Report	End of CreditLineReport
		Mandatory	Validation:
		A2A	[1..1]
</BizRpt>		End of BusinessReport	
		Mandatory	Validation:
		A2A	[1..1]
<OprlErr>		OperationalError	Indicates an operational error

name of attribute	format	short description	description	
			Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory.	
		Mandatory A2A	Validation: [1..1]	
<Err>		Error handling Mandatory	Validation: [1..1]	A
<Prtry>-</Prtry>	4x	Proprietary error code Mandatory	Specification of the error, in free format. Validation: [1..1]	A
</Err>		End error handling Mandatory	Validation: [1..1]	A
			Validation:	D
<Desc>-</Desc>	140x	Description Optional A2A	Specification of the error, in free format. Validation: [0..1]	
</OprlErr>		End of Operational Error Mandatory A2A	End of Operational Error Validation: [1..1]	
/xorBizRptOprlErr		End choice Mandatory A2A	Rule description: If BusinessReport is present then OperationalError is not allowed. If BusinessReport is not present, then OperationalError is mandatory. Validation:	
</SspPrtryDt>		End of SSP Proprietary Data Mandatory A2A	End of Root element for all SSP proprietary data Validation: [1..1]	
</PrtryData>		End of Proprietary Data Mandatory A2A	End of Proprietary Data Validation: [1..1]	M
</PrtryMsg>		End proprietary message Mandatory A2A	Validation:	M

Error Codes:

ReturnCreditLine_PHA_1

Scope: Sample: ReturnCreditLine

Name Proprietary message

Message Identification

Reference

End Message Identification

Related

Reference

End of Related

Proprietary Data

Proprietary Data type

SSP Proprietary Data

BusinessReport

Credit Line Report

CreditLineIdentification

Account Identification

Simple Identification Information

Identification

End of simple Identification Information

End of Account Identification

End Credit Line Identification

Credit Details

Amount without currency

End Credit Details

End of Credit Line Report

End of BusinessReport

End of SSP Proprietary Data

End of Proprietary Data

End proprietary message

<PrtryMsg>

<MsgId>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Ref>

</MsgId>

<Rltd>

<Ref>ABCDEFGHIJKLMNOPQRSTUVWXYZ123456789</Ref>

</Rltd>

<PrtryData>

<Tp>ReturnCreditLine</Tp>

<SspPrtryDt>

<BizRpt>

<CrdtLnRpt>

<CrdtId>

<AcctId>

<DmstAcct>

<Id>PHA1234567890</Id>

</DmstAcct>

</AcctId>

</CrdtId>

<CrdtDtIs>

<AmtWthtCcy>50000.00</AmtWthtCcy>

</CrdtDtIs>

</CrdtLnRpt>

</BizRpt>

</SspPrtryDt>

</PrtryData>

</PrtryMsg>

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6.11. 8 RevokeTask (for CBs only)

PHA internal usage

RevokeTask_PHA_Internal

Scope: The RevokeTask message is sent to revoke a task, where the status of the task is "to confirm".

The ConfirmTask message is only for internal usage and exchanged between ICM and PHA. Therefore detailed validations have to be performed by the CB's PHA.

The RevokeTask message is replied by a Receipt message.
Non-Repudiation of Emission (NRE) is given.

<camt.998.001.xx>

Structure:

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>ABC123</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>RevokeTask</Tp>
SSP Proprietary Data	<SspPrtryDt>
TaskIdentificationSearchCriteria	<TskId>
Additional Reference	<RItdRef>
Reference	<Ref>ABC123456</Ref>
End of Additional Reference	</RItdRef>
End of TaskIdentificationSearchCriteria	</TskId>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</camt.998.001.01>

Attributes:

name of attribute	format	short description	description
<camt.998.001.01>		Message Type	
		Mandatory	Validation:
		A2A	
<MsgId>		Message Identification	Message Reference
		Mandatory	Validation:
		A2A	[1..1]
<Ref>-</Ref>	35x	Reference	The reference of the original message, in case this is a duplicate.
		Mandatory	Validation:
		A2A	[1..1]
</MsgId>		End Message Identification	
		Mandatory	Validation:
		A2A	[1..1]
<PrtryDt>		Proprietary Data	Proprietary Data
		Mandatory	Validation:
		A2A	[1..1]
<Tp>-</Tp>		Proprietary Data type	Proprietary Data type
			defines the Type of the free format XML
			BackupPayment
			GetCreditLine
			ModifyCreditLine
			ReturnCreditLine
			GetBroadcast
			ReturnBroadcast
			GetSettlementInformation
			ReturnSettlementInformation
			ReleasePayment
			GetPendingData
			GetSystemTime
			GetSequence
			GetTask
			ConfirmTask
			RevokeTask
			ReturnSystemTime
			ReturnTask
			DeleteHAMAccount
			DeleteRTGSAccount
			DeleteSFAccount
			DeleteSubAccount
			GetCalendar
			GetCB
			GetContactItem
			GetDirectDebit
			GetErrorCode
			GetEvent
			GetGOA
			GetHAMAccount
			GetLegalEntity
			GetParticipant
			GetRTGSAccount
			GetSFAccount
			GetSubAccount
			GetT2Wildcard
			GetAS
			GetASSettBank
			ReturnAS
			ReturnASSettBank
			ModifyHAMAccount
			ModifyRTGSAccount
			ModifySequence
			ModifySFAccount

name of attribute	format	short description	description
			ModifySubAccount ModifyStandingOrderMirrorAccount ReturnCalendar ReturnCB ReturnContactItem ReturnDirectDebit ReturnErrorCode ReturnEvent ReturnGOA ReturnHamAccount ReturnLegalEntity ReturnParticipant ReturnRTGSAccount ReturnSequence ReturnSFAccount ReturnSubAccount ReturnT2Wildcard here only RevokeTask is possible Mandatory A2A Validation: [1..1]
<SspPrtryDt>		SSP Proprietary Data	SSP Proprietary Data
		Mandatory A2A	Validation: [1..1]
<TskId>		TaskIdentificationSearchCriteria	TaskIdentificationSearchCriteria
		Mandatory A2A	Validation: [1..1]
<RltdRef>		Additional Reference	Additional Reference
		Mandatory A2A	Validation: [1..1]
<Ref>-</Ref>	35x	Reference	Unique and unambiguous reference task reference (returned in Receipt message of the original task)
		Mandatory A2A	Validation: [1..1]
</RltdRef>		End of Additional Reference	End of RelatedReference
		Mandatory A2A	Validation: [1..1]
</TskId>		End of TaskIdentificationSearchCriteria	end of TaskIdentificationSearchCriteria
		Mandatory A2A	Validation: [1..1]
</SspPrtryDt>		End of SSP Proprietary Data	End of SSP Proprietary Data
		Mandatory A2A	Validation: [1..1]
</PrtryDt>		End of Proprietary Data	
		Mandatory A2A	Validation: [1..1]
</camt.998.001.01>		End Message Type	
		Mandatory A2A	Validation:

Error Codes:

Order	Error code				Error Text / Validation/ Remark
	SSP	Y-copy	V-shape	XML	
1	P97	-	-	P127	Error Text: Initiator DN is the same as used in the underlying writing operation Validation: In case of four eyes principle, the initiator DN of the writing request (e.g. LiquidityTransfer) and the DN of the RevokeTask has to be different. Remark: to be checked by CB's PHA / Receipt

RevokeTask_PHA_Internal_1

Scope: Sample

Message Type	<camt.998.001.01>
Message Identification	<MsgId>
Reference	<Ref>ABC56</Ref>
End Message Identification	</MsgId>
Proprietary Data	<PrtryDt>
Proprietary Data type	<Tp>RevokeTask</Tp>
SSP Proprietary Data	<SspPrtryDt>
TaskIdentificationSearchCriteria	<TskId>
Additional Reference	<RltdRef>
Reference	<Ref>MN78</Ref>
End of Additional Reference	</RltdRef>
End of TaskIdentificationSearchCriteria	</TskId>
End of SSP Proprietary Data	</SspPrtryDt>
End of Proprietary Data	</PrtryDt>
End Message Type	</camt.998.001.01>

7 Annexes

7.1 Annex 1: XML messages and user roles

The annex 1 gives a detailed overview of the different XML messages and the user roles allowed to use them:

Category	message type	APPLICATE for CI	APPLICBTE for CB	APPLIASTE for AS	Remark Regarding the handling in ICM
Common messages					
GetBroadcast	ssp proprietary	X	X	X	
GetPendingData	ssp proprietary				no role validation
GetRawData	ssp proprietary		X		
GetSystemTime	ssp proprietary				no role validation
GetTask	ssp proprietary	X	X	X	no tasks queues for ASI messages available
PM messages					
BackupPayment	SWIFT standard	X	X		
BackupPayment	ssp proprietary		X		only for CB's
CancelTransaction	SWIFT standard	X	X		
DeleteLimit	SWIFT standard	X	X		
DeleteReservation	SWIFT standard	X	X		
GetAccount	SWIFT standard	X	X		
GetBusinessDayInformation	SWIFT standard	X	X	X	
GetCreditLine	ssp proprietary	X	X		
GetLimit	SWIFT standard	X	X		
GetReservation	SWIFT standard	X	X		
GetSequence	ssp proprietary	X	X		
GetSettlementInformation	ssp proprietary		X		
GetTransaction	SWIFT standard	X	X	X	
LiquidityCreditTransfer	SWIFT standard	X	X		
ModifyCreditLine	ssp proprietary		X		

Category	message type	APPLICATE for CI	APPLICBTE for CB	APPLIASTE for AS	Remark Regarding the handling in ICM
ModifyLimit	SWIFT standard	X	X		
ModifyReservation	SWIFT standard	X	X		
ModifySequence	ssp proprietary	X	X		
ModifyTransaction	SWIFT standard	X	X		
ReleasePayment	ssp proprietary		X		
SD messages					
DeleteHAMAccount	ssp proprietary		X		
DeleteRTGSAccount	ssp proprietary		X		
DeleteSFAccount	ssp proprietary		X		
DeleteSubAccount	ssp proprietary		X		
GetAS	ssp proprietary	X	X	X	
GetASSettBank	ssp proprietary	X	X	X	
GetCalendar	ssp proprietary	X	X	X	
GetCB	ssp proprietary	X	X	X	
GetContactItem	ssp proprietary	X	X	X	
GetDirectDebit	ssp proprietary	X	X		
GetErrorCode	ssp proprietary	X	X	X	
GetEvent	ssp proprietary	X	X	X	
GetGOA	ssp proprietary	X	X		
GetHAMAccount	ssp proprietary	X	X		
GetLegalEntity	ssp proprietary	X	X	X	
GetParticipant	ssp proprietary	X	X	X	
GetRTGSAccount	ssp proprietary	X	X	X	
GetSFAccount	ssp proprietary	X	X		
GetSubAccount	ssp proprietary	X	X	X	
<u>GetStandingOrderMirror</u>	<u>ssp proprietary</u>	<u>X</u>	<u>X</u>	<u>X</u>	
GetT2Wildcard	ssp proprietary	X	X		
ModifyHAMAccount	ssp proprietary		X		
ModifyLimit	SWIFT standard	X	X		
ModifyReservation	SWIFT standard	X	X		
ModifyRTGSAccount	ssp proprietary		X		
ModifySFAccount	ssp proprietary		X		
ModifyStandingOrder	SWIFT standard	X	X		
ModifySubAccount	ssp proprietary		X		
ASI messages					
SBTransferInitiation	ssp proprietary	X	X	X	

Category	message type	APPLICATE for CI	APPLICBTE for CB	APPLIASTE for AS	Remark Regarding the handling in ICM
ASInitiationStatus	ssp proprietary	ASI messages are not processed by ICM. Therefore no validation rules are specified			
ASTransferInitiation	ssp proprietary				
ASTransferNotice	ssp proprietary				
HAM messages					
CancelTransaction	SWIFT standard	X	▼		
GetAccount	SWIFT standard	X	X		
GetBusinessDayInformation	SWIFT standard	X	X		
GetReservation	SWIFT standard	X	X		
GetThreshold	ssp proprietary	X	▼		
GetTransaction	SWIFT standard	X	X		
LiquidityCreditTransfer	SWIFT standard	X	X		
ModifyReservation	SWIFT standard	X	X		
ModifyStandingOrder	SWIFT standard	X	X		
ModifyTransaction	SWIFT standard		X		
SF messages					
GetAccount	SWIFT standard	X	X		
GetTransaction	SWIFT standard	X	X		
LiquidityCreditTransfer	SWIFT standard	X	X		
RM messages					
AuthorizePenalty	ssp proprietary		X		
GetAccount	SWIFT standard	X	X		
GetCompulsoryReserve	ssp proprietary		X		
GetPenalty	ssp proprietary		X		
InsertCompulsoryReserve	ssp proprietary		X		
InsertPHABalance	ssp proprietary		X		
CM messages					
GetAccount	SWIFT standard	CM messages are not processed by ICM. Therefore no validation rules are specified			
GetBusinessDayInformation	SWIFT standard				
GetTransaction	SWIFT standard				
LiquidityCreditTransfer	SWIFT standard				
OpenAccount	ssp proprietary				
PHA messages					
GetAccount	SWIFT standard	X	X		
GetCreditLine	ssp proprietary	X	X		
LiquidityCreditTransfer	SWIFT standard	X	X		
ModifyStandingOrder	SWIFT standard	X	X		

Gelöscht: Other

Gelöscht: X

Gelöscht: X

7.2 Annex 2: Connection to ICM – Requirements for Proprietary Home Accounting Applications (PHA)

(Relevant for CBs only)

Content

A)	Scope and addressees.....	3
B)	Communication infrastructure requirements.....	4
B.a)	Client-server interaction - graphical overview.....	4
B.b)	A2A approach.....	5
B.c)	SWIFT SIPN.....	5
B.c.a)	Connectivity requirements.....	5
B.c.b)	Client-server model requirements.....	5
B.c.c)	Security requirements.....	6
B.c.c.a)	Highly privileged access of ICM to PHA.....	6
B.c.c.b)	Non-repudiation of emission (NRE).....	6
B.c.d)	Usage of SWIFTNet InterAct.....	6
B.c.e)	SWIFT billing and pricing.....	6
C)	Application specification.....	6
C.a)	Collaboration protocol.....	6
C.a.a)	General remarks.....	6
C.a.b)	Pull mode (Real Time Protocol).....	7
C.a.c)	Task queue at PHA side.....	7
C.a.c.a)	Overview.....	7
C.a.c.b)	Status of tasks.....	8
C.a.c.c)	Processing of tasks.....	8
C.a.d)	Maximum response times of PHA.....	9
C.b)	ICM use cases for PHA.....	9
C.b.a)	General remarks.....	9
C.b.b)	Issue account information.....	9
C.b.c)	Issue credit line information.....	10
C.b.d)	Transfer liquidity.....	10
C.b.e)	Define/change standing order.....	10
C.b.f)	Issue system time.....	10
C.b.g)	Issue task queue information.....	11
C.b.h)	Create a task according to the four eyes principle.....	11
C.b.i)	Confirm a task.....	11
C.b.j)	Revoke a task.....	12
C.c)	Structure of XML messages.....	12
C.c.a)	General remarks.....	12
C.c.b)	Application Header.....	12
C.c.c)	Document.....	13
C.c.c.a)	General remarks.....	13
C.c.c.b)	Account.....	13
C.c.c.c)	CreditLine.....	13
C.c.c.d)	LiquidityCreditTransfer.....	13
C.c.c.e)	ModifyStandingOrder.....	13
C.c.c.f)	GetSystemTime.....	13
C.c.c.g)	GetTask.....	13
C.c.c.h)	ConfirmTask.....	13
C.c.c.i)	RevokeTask.....	14
C.d)	Handling of Errors.....	14
C.e)	SWIFTNet FIN.....	14
C.e.a)	General remarks.....	14
C.e.b)	Message Type (MT) 202.....	14

D)	Excursus: Insertion of PHA balances in the Reserve Management (RM) module	14
D.a)	Business case	14
D.b)	Communication infrastructure requirements.....	15
D.b.a)	Client-server interaction - graphical overview	15
D.b.b)	A2A approach	16
D.b.c)	SWIFT SIPN	16
D.b.c.a)	Connectivity requirements	16
D.b.c.b)	Client-server model requirements.....	16
D.b.c.c)	Security requirements	16
D.b.c.c.a)	Authorised access of ICM to PHA.....	16
D.b.c.c.b)	Non-repudiation of emission (NRE)	16
D.b.c.c.c)	Usage of SWIFTNet InterAct.....	16
D.b.c.c.d)	SWIFT billing and pricing	16
D.c)	Application specification	16
D.c.a)	Collaboration protocol.....	16
D.c.b)	Pull mode (Real Time Protocol).....	16
D.c.c)	No task queue at ICM side	17
D.c.d)	No Maximum response times of PHA.....	17
D.c.e)	Use case: Insertion of PHA balance in RM.....	17
D.c.f)	Structure of XML message InsertPHABalance.....	17
E)	Further organisational and operational requirements for PHA	17
E.a)	Testing.....	17
E.b)	Quality insurance.....	17
E.c)	Support.....	18
E.d)	Availability.....	18
E.e)	Recovery time.....	18
F)	Approval of Level 2.....	18

A) Scope and addressees

The core services of SSP include a so called Information and Control Module (ICM) which can be used to

- request information out of SSP and
- perform certain actions/control measures concerning the SSP modules.

For the national banking communities participating in SSP, the ICM therefore is an important tool to manage their business in SSP. If a CB continues to use its proprietary home accounting system (PHA) for keeping liquidity and liquidity supply for SSP, it has the possibility to use the following facilities in order to provide the credit institutions with a comprehensive view through the ICM on their liquidity in PHA, PM, HAM:

- Get information on its PHA account
- Initiate liquidity transfers between PHA and SSP (current order as well as standing order) for the liquidity supply of RTGS accounts at the start of and during the business day.

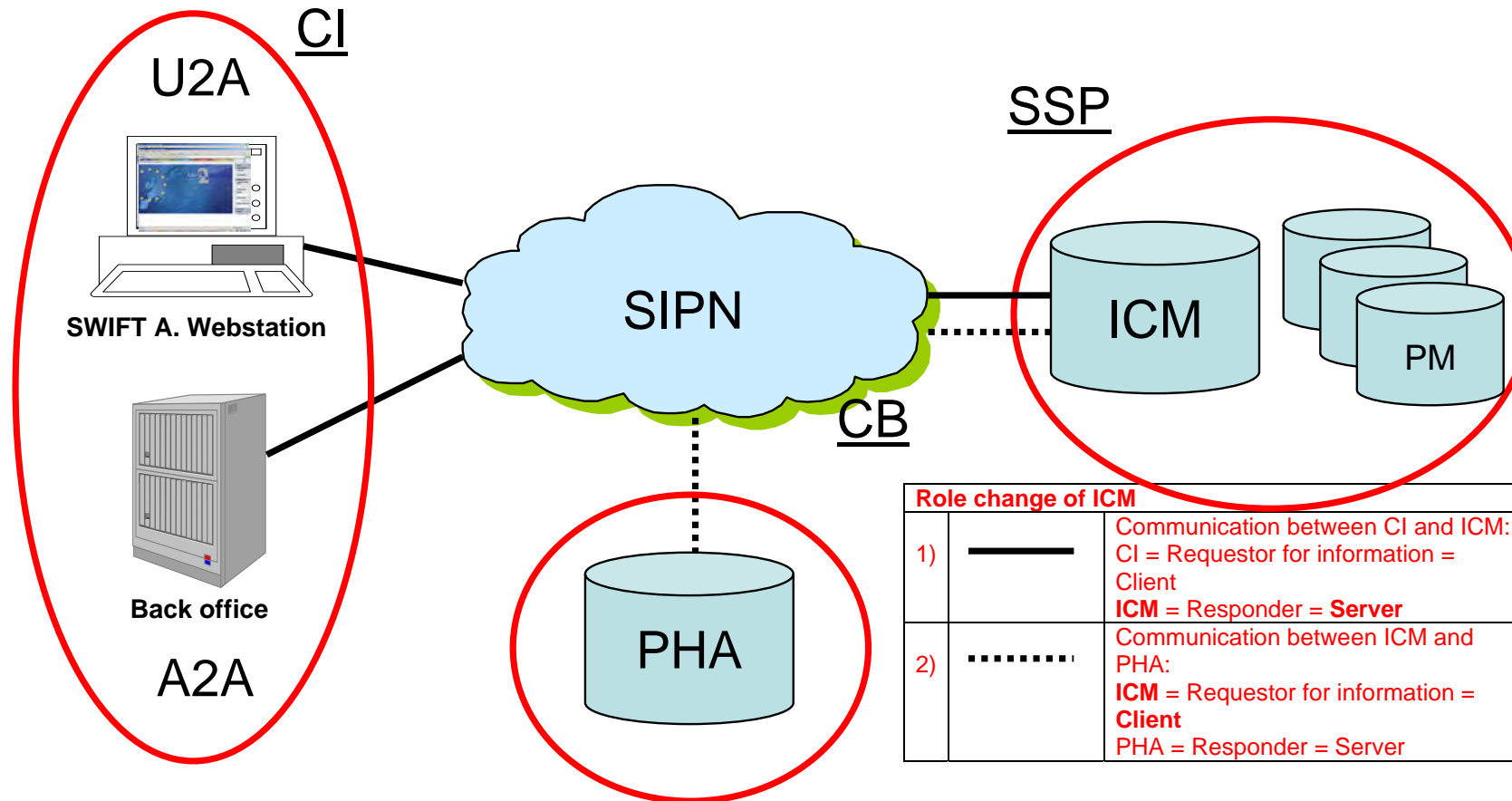
To fulfil these business needs, the CBs participating in SSP have the opportunity to connect their PHA with SSP via the Information and Control Module (ICM). As already decided, it is up to the respective CB to decide whether it will implement or not the interface to the ICM.

This document aims at presenting the specifications for a connection of the PHAs to the ICM. Concerning SWIFTNet FIN, it is understood that the communication infrastructure already exists on PHA side (also see chapter C.e)).

Addressees of this document are functional and technical staffs responsible for the management of PHA systems in the CBs.

B) Communication infrastructure requirements

B.a) Client-server interaction - graphical overview



B.b) A2A approach

In order to exchange messages with the PHA and to display PHA information via the ICM, a communication infrastructure between ICM and PHA according to the A2A approach is required; i.e.:

- The network connection used is the Secure IP Network (SIPN) by SWIFT (see chapter B.c)).
- The communication supporting the use cases (see chapter C.b)) is then realized via XML messages (see chapter C.c)).
- The SWIFT service used is SWIFTNet InterAct (see chapter B.c.d)).

The same approach is used for all kind of interaction between the ICM and the PHA, irrespective of whether the initial client request was performed in U2A or in A2A mode.

B.c) SWIFT SIPN

B.c.a) Connectivity requirements

To be able to connect to the SWIFTNet, the PHA requires:

- a network connection to SWIFT SIPN,
- SWIFTNet Link and
- an interface.

It is expected because of security reasons that the internal network at CB level requires

- a firewall, that separates the internal traffic from the SWIFTNet and
- appropriate hardware components (router or switch) to integrate the SWIFTNet components in a DMZ¹.

For further connectivity requirements concerning the SWIFT SIPN, please refer to www.swift.com.

B.c.b) Client-server model requirements

PHA is considered as a SWIFT service provided by the CBs. The service to be used for production is **trgt.papss**. It is **not allowed** that the customer (CB using a PHA) registers a separate service.

According to the model of the client-server interaction (see chapter B.a)):

- ICM is the (only) client (requestor) for PHA. ICM sends requests/tasks to the PHA based on messages received from direct PM participants.
- PHA is the server (responder) for ICM. After processing the requests received from ICM it returns the respective results to ICM. Then ICM will return the 'answer' to the user.

The SWIFTNet server required on PHA side has to carry out the following tasks:

- Connection to the SWIFTNet
- Functional validation (e.g. existence of the respective account)
- Acceptance and parsing of the incoming XML requests
- Execution of the query on the legacy application database
- Dealing with the security features of SWIFTNet
- Generation of the XML response compliant with SSP schema files (based on SWIFT cash management standard)

¹ Demilitarised zone – small network inserted as a "neutral zone" between the company's private network and the outside public network.

- Matching the user's distinguished name (=DN) to his BIC

The SWIFTNet server is an individual software application that the CB responsible for the PHA must implement and operate. The CB responsible for the PHA is fully responsible for the SWIFTNet server application.

To ensure the correct routing and handling of requests from the ICM to the PHA, the CB responsible for the PHA must take the necessary measures in the respective registration form for SSP, e.g. insert the DN of the PHA.

B.c.c) Security requirements

B.c.c.a) Highly privileged access of ICM to PHA

ICM is allowed to act on behalf of direct PM participants vis-à-vis the PHA, i.e. the ICM can request information about the proprietary home account of a direct PM participant and initiate control measures. Therefore, appropriate security measures have to be implemented at application-level by the CB (area of responsibility of each CB) in order to ensure that the ICM server with its specific DN has highly privileged access to the data of the respective PHA and that any unauthorized access will be rejected. Due to the general architecture of SSP, the creation and usage of SWIFT Closed User Groups (CUGs) and Role Based Access Control (RBAC) especially dedicated to the SWIFT communication between the ICM and the PHA is not supported by SSP. The SSP is the centralised service the PHAs may be connected to.

B.c.c.b) Non-repudiation of emission (NRE)

The SWIFT service NRE proves the exchange of files between the requestor and the responder. For an undoubted confirmation that a request is sent by a certain SWIFTNet client, SWIFT can store the request and its parameters. NRE must be applied in all cases of tasks² (i.e. writing access) sent from ICM to PHA. PHA has to reject a request if NRE is expected but not applied. The rules when NRE is recommended will be determined by SSP (see chapter C.b)). The rules are the same as for the communication between SSP users and ICM.

B.c.d) Usage of SWIFTNet InterAct

For the exchange of messages via the SWIFT SIPN the SWIFTNet service InterAct will be applied. Since the data volumes are rather small, it is expected, that the SWIFTNet service FileAct will not be applied.

B.c.e) SWIFT billing and pricing

In terms of billing, the SSP is designed with reverse billing option (participants pay), so whatever is sent to SSP by a participant or sent by the SSP to a participant will be charged to the participant.

From this results, that the CBs responsible for the PHA must be aware that they are extra charged by SWIFT for the SWIFTNet services and features mentioned in this document. For details see the document "SWIFTNet Pricing & Invoicing" (incl. Service Administrator Fees).

² Differentiation between requests and tasks: requests for modification (Modify, Cancel and similar XML messages) are called "tasks".

C) Application specification

C.a) Collaboration protocol

C.a.a) General remarks

The protocol between ICM and PHA follows the protocol that is arranged between the protocol for the A2A users and ICM (see UDFS, book 4) but is simplified in some issues:

- Timeout management: regarding the SWIFTNet timeout for SWIFTNet InterAct requests the maximum time for ICM-PHA communication is 60 seconds. The maximum time for the "loop" (see chapter C.a.d)) is shorter. That means: If 60 seconds (less a reduction for the time needed for (1) the communication between the User and ICM, (2) the processing within the ICM and (3) the communication between the ICM and the PHA) are exceeded within the "loop" the response from PHA will never reach the user.
- Data compression: Since the messages are rather small, they will not be compressed.
- Bulk data: The maximum amount of data that can be transported with one SWIFTNet InterAct response is lower than 100.000 Bytes. There is no processing of messages larger than this size foreseen because it will not be needed.
- Task queue
The task queue must only be implemented on PHA side for the support of the four eyes principle and for the user's requirement of having transparency on the tasks they performed during the business day (e.g. for audit purposes). To revise all tasks that are executed, it must be possible to download the tasks and their complete parameters. The task queue mechanism will be described in more detail in chapter C.a.c).

C.a.b) Pull mode (Real Time Protocol)

The protocol applied between ICM and PHA implies the so called pull mode, i.e. the transfer of messages from PHA to the ICM is initiated on request of the ICM (see client-server model, chapter B.a)). PHA processes the requests/tasks sent by the ICM. Requests/tasks will synchronously be answered with a response. Due to the small data volume it is expected that the responses are always messages and never files.

C.a.c) Task queue at PHA side

C.a.c.a) Overview

The ICM receives tasks concerning PHA from users with DNs completed by specific SSP user roles. In the SWIFT communication between the users and the ICM, these user roles have been attached to the requests during the SWIFT processing by RBAC, a SWIFT service for user administration. Tasks can be sent by users with user roles according to the two eyes principle or the four eyes principle³. ICM distinguishes the tasks according to the two eyes principle or the four eyes principle. Then a new task is sent by ICM to the PHA. Amongst others, the application header of the related XML message (see chapter **Fehler! Verweisquelle konnte nicht gefunden werden.**), contains

- the original DN of the SSP user and
- the application of the two eyes principle or four eyes principle.

As mentioned in chapter B.c.c.a), the usage of the SWIFT service RBAC is not necessary in the SWIFT communication between the ICM and the PHA.

To ensure an appropriate handling of the tasks sent by ICM, PHA must be able to

³ A task in two eyes principle immediately takes effect on the processing. Unlike this, four eyes principle means that a task must be confirmed by a second user before it will be executed.

- store the respective tasks in a separate structure (e.g. database table) called “task queue”,
- assign a changing status to the respective tasks,
- return a receipt stating the queue entry ID (unique ID given by PHA), the system time and a technical status code,
- process the respective tasks step by step and
- allow queries concerning tasks sent through ICM (initiated by users)

C.a.c.b) Status of tasks

In order to assign the respective changing status to the tasks, PHA has to implement the following changing status to be attached to the response of PHA:

Status	Description	Transition possible to
To confirm	The task must be confirmed by a second user and will not be processed.	Waiting, revoked, rejected
Waiting	The task can be processed.	Processing
Processing	The task is processed at the moment.	Rejected, completed
Revoked	The task has been revoked by a user.	
Rejected	An error was detected.	
Completed	The task was processed successfully.	

C.a.c.c) Processing of tasks

The following aspects must be considered by PHA for the processing of tasks:

- Receipt by PHA:

All tasks for PHA sent by ICM must be stored in a specific task queue of PHA. Since a request can contain only one modification, exactly one task is created per request. For the task a receipt message must be returned by PHA to ICM, which will be forwarded to the user. The receipt message must contain the queue entry ID, the system time and a technical status code. A positive receipt message indicates that there are no technical problems at the PHA and the respective request is accepted.

- Two eyes principle and four eyes principle:

If a new task is inserted in a task queue and has to be handled in “two eyes principle”, the task must be immediately assigned the status “waiting”. If a new task is inserted in a task queue and has to be handled in “four eyes principle”, the task must be assigned the status “to confirm”. The status “to confirm” indicates that this request will not be processed and has to be confirmed by a second user of the same institution. In this case, that means, that PHA requires a second task sent by ICM indicating the confirmation of the second user. I.e. the related XML message sent by ICM must have an application header (XML element “Dup/Info”) containing a DN different from the one indicated in the application header of the first XML message. If the respective task is confirmed, the status must be set to “waiting”, like tasks to be handled in two eyes principle. Tasks with status “to confirm” can also be revoked (both, the user who captured the task and a second authorised user). If this is the case, the respective tasks must be assigned the status “revoked”.

- Processing of tasks with status “waiting”:

The status “waiting” indicates, that the request can be processed. PHA must constantly scan its task queue for tasks in status “waiting”. If a new task is detected, the status of the task must be set to “processing” and the task must be processed. If a business error is detected during the processing, the status of the task must be set to “rejected”. If the task was processed successfully, the status must be set to “completed”. If a technical error is detected by PHA, the request must not be stored in the task queue. The request must be rejected in an interactive mode.

- Query requirements

The users must be able to query the PHA task queue in order to monitor the processing. That means, that a user can enter a selection criterion and read the entries of all users of his institute. For example, concerning a task in the four eyes principle typically the second user

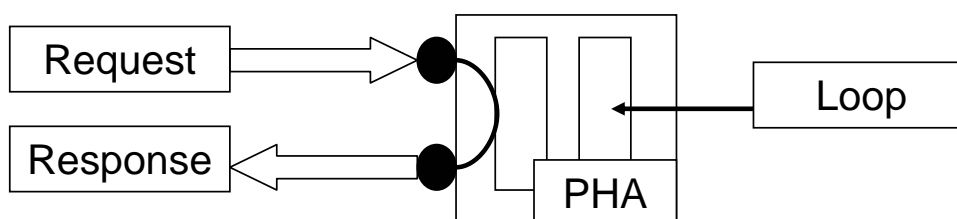
(not the user who captured the task) queries the task queue for the requests that have to be confirmed. In case of PHA, ICM creates a new request for the respective task queries concerning the PHA. Therefore, PHA must implement the related selection criteria for PHA tasks in its response to the request by ICM (see chapter C.b.g)).

C.a.d) Maximum response times of PHA

The U2A approach of ICM (with respect to the interaction between the user and ICM) acts on a real-time basis. To ensure a convenient operating for the interactive user, all responses from PHA must be returned as fast as possible. Taking into consideration

- the processing time within the SWIFT SIPN,
 - User to ICM
 - ICM to PHA
 - PHA to ICM
 - ICM to User
- the processing time within the ICM and
- the SWIFT timeout of 60 seconds concerning SWIFTNet InterAct in the SWIFT communication between the user and the ICM

a maximum response time for PHA of few⁴ seconds is required for the so called “loop” within the PHA:



This is the time from the entrance of the request at the PHA site, the processing, till the return of the response back to the SWIFTNet. The initiation of a liquidity transfer is finished from the ICM point of view, when the response comes back to the user, indicating that the request will be executed. The final processing, i.e. the generating of a FIN message, is not subject to ICM.

C.b) ICM use cases for PHA

C.b.a) General remarks

The use cases in chapter C.b) identify, clarify and organise the system requirements in a methodology that is used in system analysis. The question whether the implementation of all use cases is mandatory should be decided by Level 2 bearing in mind that the full implementation would allow to offer a harmonised view to the users.

C.b.b) Issue account information

Aim	To read account information on the PHA account. ⁵
Precondition	Verification that the original request was sent by ICM with its specific DN.
Postcondition success	The following information is issued: <ul style="list-style-type: none"> • Account Number of PHA account • Standing Order Liquidity Transfer

⁴ SWIFTNet Service Design Guide: The timeout period varies, depending on current network conditions at any precise moment. If a server application sends a response within 10 seconds or less there should be generally not be a problem with timeout conditions. However the overall service performance depends very much on the fact that servers respond quickly.

	<ul style="list-style-type: none"> • Current Balance • Blocked Amount
Postcondition failure	An error message will be issued.

C.b.c) Issue credit line information

Aim	To read credit line information on the PHA account ⁵ .
Precondition	Verification that the original request was sent by ICM with its specific DN.
Postcondition success	The following information is issued: <ul style="list-style-type: none"> • Credit Line
Postcondition failure	An error message will be issued.

C.b.d) Transfer liquidity

Aim	To transfer liquidity with immediate effect.
Precondition	<ul style="list-style-type: none"> • Verification that the original task was sent by ICM with its specific DN. • NRE is given.
Postcondition success	<ul style="list-style-type: none"> • The task was placed into the task queue. • A receipt stating the queue entry ID, the system time and a technical status code is issued. • Success status in the task queue.
Postcondition failure	<ul style="list-style-type: none"> • An error message is issued. • Error status in the task queue.

C.b.e) Define/change standing order

Aim	To define and change a standing order in the PHA system for the liquidity transfer at the start of the business day.
Precondition	<ul style="list-style-type: none"> • Verification that the original task was sent by ICM with its specific DN. • NRE is given.
Postcondition success	<ul style="list-style-type: none"> • The task was placed into the task queue. • A receipt stating the queue entry ID, the system time and a technical status code is issued. • Success status in the task queue.
Postcondition failure	<ul style="list-style-type: none"> • An error message is issued. • Error status in the task queue.

⁵ The information referring PHA account can be requested via SD GetRTGSAccount/ReturnRTGSAccount. The relevant tags are displayed within the following elements:
<AcctLqdyRmvDaylight> :Account for Liquidity Removal Daylight
<AcctLqdyRmvEoD> = Account for Liquidity Removal End of Day

C.b.f) Issue system time

Aim	<ul style="list-style-type: none"> • To read the current system time of the PHA system. • To test the availability of the system.
Precondition	-
Postcondition success	Issue the system time of the PHA system.
Postcondition failure	An error message is issued.

C.b.g) Issue task queue information

Aim	<p>To read information regarding the processing of tasks in the PHA system. The following selections are possible:</p> <ul style="list-style-type: none"> • The entire task queue may be read. • A selection according to the following values is possible: <ul style="list-style-type: none"> ○ Queue entry ID ○ Status
Precondition	Verification that the original request was sent by ICM with its specific DN.
Postcondition Success	<p>The task queue information is issued. The task queue information includes the following values:</p> <ul style="list-style-type: none"> • Module: PHA • Queue entry ID • Status (e.g. confirmed, revoked etc.) • System time • User (last change) • Entry time <p>Detailed information for reference:</p> <ul style="list-style-type: none"> • Task <ul style="list-style-type: none"> • Amount • Liquidity Transfer • Change of standing order
Postcondition Failure	An error message is issued.

C.b.h) Create a task according to the four eyes principle

Aim	To create a task to be treated according to the four eyes principle.
Precondition	<ul style="list-style-type: none"> • Verification that the original task was sent by ICM with its specific DN. • The segregation of duties is arranged for the task.
Postcondition Success	<ul style="list-style-type: none"> • The task was placed into the task queue for confirmation. • A receipt stating the queue entry ID, the system time and a technical status code is issued. • Status "to confirm" assigned.

Postcondition Failure	An error message is issued.
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C.b.i) Confirm a task

Aim	To confirm a task, which has to be treated according to the four eyes principle.
Precondition	<ul style="list-style-type: none"> • Verification that the original task was sent by ICM with its specific DN. • NRE is given. • The status is "to confirm". • The confirming user is not the initial creator of the task.
Postcondition Success	<ul style="list-style-type: none"> • The task is processed. • Status "waiting" assigned • A receipt stating the system time and a technical status code is issued (the queue entry ID has already been assigned to the original task).
Postcondition Failure	An error message is issued.

C.b.j) Revoke a task

Aim	To revoke a task with status „to confirm“.
Precondition	<ul style="list-style-type: none"> • Verification that the original task was sent by ICM with its specific DN. • NRE is given. • The status is "to confirm".
Postcondition success	<ul style="list-style-type: none"> • Status "revoked" assigned • A receipt stating the system time and a technical status code is issued (the queue entry ID has already been assigned to the original task).
Postcondition failure	An error message is issued.

C.c) Structure of XML messages

C.c.a) General remarks

The XML messages that are exchanged between ICM and PHA⁶ are

- SWIFT cash management standard or
- so called proprietary SSP messages.

In order to validate the XML messages which must be supported by PHA, the respective schema files are published on the TARGET2 website of the ECB:

<https://target2.ecb.int>

⁶ In case that debit accounts will not be filled from the A2A user to PHA, ICM takes care that the debited account at least will be filled by ICM.

Note: The website is password protected. A user-ID and a password is required to have access.

For a detailed description of Application headers respectively XML messages, please also refer to the dedicated chapters of this book.

C.c.b) Application Header

Each incoming and outgoing message contains an Application Header. The Application Header serves to transmit information on how to process the functional document. For the PHA communication two types of Application Headers are used:

- ApplicationHeaderPHAExtern (used for the message exchange between the user and ICM, thus not subject to this document)
- ApplicationHeaderPHAIntern

C.c.c) Document

C.c.c.a) General remarks

In the next subchapters the functional XML messages which must be supported by PHA are enumerated. For transition reasons SSP support both versions the CAMT version 3.0 and the new CAMT version 4.0 (CAMT. Release 11/2008). The former version 2.0 will be **not** supported any more. If the XML request is based on version 3.0 the XML response message must relate to the same version. The documentation within Book 4 will be based on the new version 4.0. The documentation of version 3.0 can be found in the prior version 2.3 of Book 4. Its up to the CB to decide which version of CAMT will be supported. The standard to be used for PHA messages between CB's PHA and ICM, must be the lower version 3.0.

C.c.c.b) Account

Schema reference:

Request	ssp.pha.GetAccount\$camt.003.001.03.xsd
Response	ssp.pha.ReturnAccount\$camt.004.001.03.xsd
Request	ssp.pha.GetAccount.camt.003.001.04.xsd
Response	ssp.pha.ReturnAccount.camt.004.001.04.xsd

C.c.c.c) CreditLine

Schema reference

Request	ssp.pha.GetCreditLine\$camt.998.001.01.xsd
Response	ssp.pha.ReturnCreditLine\$camt.998.001.01.xsd
Request	ssp.pha.GetCreditLine.camt.998.001.02.xsd
Response	ssp.pha.ReturnCreditLine.camt.998.001.02.xsd

C.c.c.d) LiquidityCreditTransfer

Schema reference

Request	ssp.pha.LiquidityCreditTransfer\$camt.050.001.01.xsd
Response	ssp.Receipt\$camt.025.001.01.xsd
Request	ssp.pha.LiquidityCreditTransfercamt.050.001.02.xsd
Response	ssp.Receipt.camt.025.001.02.xsd

C.c.c.e) ModifyStandingOrder

Schema reference

Request	ssp.pha.ModifyStandingOrder\$camt.024.001.02.xsd
Response	ssp.Receipt\$camt.025.001.01.xsd

Request	ssp.pha.ModifyStandingOrder.camt.024.001.03.xsd
Response	ssp.Receipt.camt.025.001.02.xsd

C.c.c.f) GetSystemTime

Schema reference

Request	ssp.GetSystemTime\$camt.998.001.01.xsd
Response	ssp.ReturnSystemTime\$camt.998.001.01.xsd
Request	ssp.GetSystemTime.camt.998.001.02.xsd
Response	ssp.ReturnSystemTime.camt.998.001.02.xsd

C.c.c.g) GetTask

Schema reference

Request	ssp.GetTask\$camt.998.001.01.xsd
Response	ssp.ReturnTask\$ahV10.xsd
	ssp.pha.LiquidityCreditTransfer\$camt.050.001.01.xsd
	ssp.pha.ModifyStandingOrder\$camt.024.001.02.xsd
Request	ssp.GetTaskcamt.998.001.02.xsd
Response	ssp.ReturnTaskahV10.xsd
	ssp.pha.LiquidityCreditTransfer.camt.050.001.02.xsd
	ssp.pha.ModifyStandingOrder.camt.024.001.03.xsd

Note: The XML response "ReturnTask" is currently under revision.

C.c.c.h) ConfirmTask

Schema reference

Request	ssp.pha.ConfirmTask\$camt.998.001.01.xsd
Response	ssp.Receipt\$camt.025.001.01.xsd
Request	ssp.pha.ConfirmTask.camt.998.001.02.xsd
Response	ssp.Receipt.camt.025.001.02.xsd

C.c.c.i) RevokeTask

Schema reference

Request	ssp.pha.RevokeTask\$camt.998.001.01.xsd
Response	ssp.Receipt\$camt.025.001.01.xsd
Request	ssp.pha.RevokeTask.camt.998.001.02.xsd
Response	ssp.Receipt.camt.025.001.02.xsd

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C.d) Handling of Errors

It may not always be possible to process a message at PHA side. Internal technical errors (e.g. temporary breakdown of PHA) or business errors (e.g. lack of liquidity on a PHA account) may result to a rejection of a message. If a request can not be executed, PHA has to send an error message to the ICM which must be forwarded to the user with the advice to wait a short time and to repeat the request/task. The error messages to be implemented by PHA are included in a dedicated chapter of this book.

C.e) SWIFTNet FIN

C.e.a) General remarks

As already mentioned in the chapter A), it is understood that the communication infrastructure concerning SWIFTNet FIN already exists on PHA side. For the general aspects related to SWIFTNet FIN, please refer to chapter 9.1 of the UDFS, book 1.

C.e.b) Message Type (MT) 202

The only SWIFT message type that must be processed in the SWIFTNet FIN communication between PHA and the SSP in the context of liquidity transfers via ICM is MT 202. Y-Copy is foreseen for liquidity transfers from PHA to PM, whereas FIN is foreseen for liquidity transfers from PM to PHA.

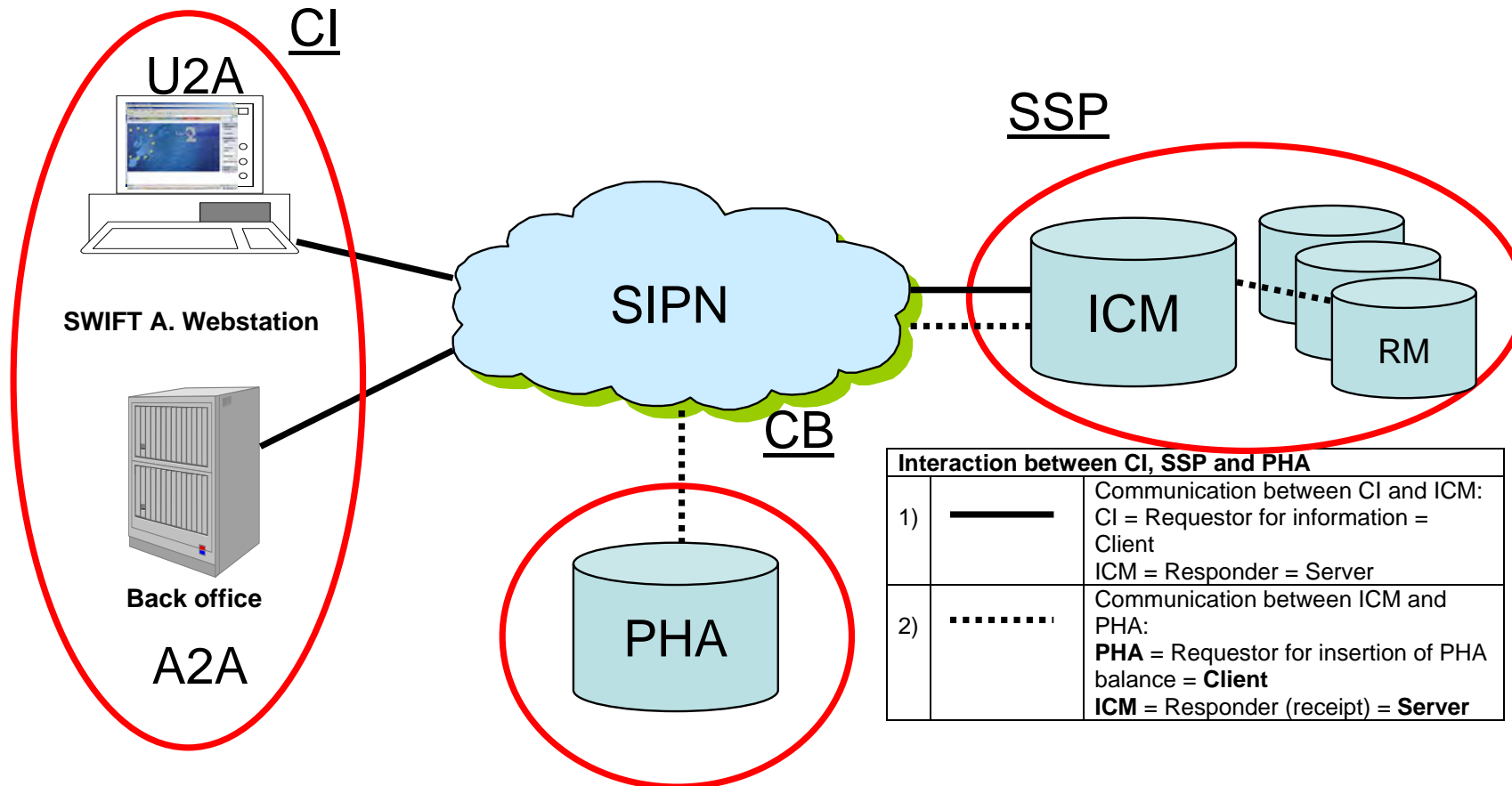
D) Excursus: Insertion of PHA balances in the Reserve Management (RM) module

D.a) Business case

In order to ensure the calculation of the fulfilment of minimum reserve requirements by participants whose CB has opted for the RM module, it is necessary for the respective CB to send information about the end of day balance of accounts held at PHA to RM within the end-of-day-procedure.

D.b) Communication infrastructure requirements

D.b.a) Client-server interaction - graphical overview



D.b.b) A2A approach

See chapter B.b).

D.b.c) SWIFT SIPN

D.b.c.a) Connectivity requirements

See chapter B.c.a).

D.b.c.b) Client-server model requirements

Unlike the client-server relationship described in chapter B.c.b), the PHA is the client sending a request to the ICM as the server, if the end of day PHA balances are transmitted by the CB to the ICM and then forwarded to the RM module. Therefore, a SWIFTNet client on PHA side is required to carry out the following tasks:

- Connection to the SWIFTNet
- Creation of the outgoing XML request (see chapter D.c.f))
- Dealing with the security features of SWIFTNet
- Acceptance and parsing of the XML response (receipt of the ICM if the task has been successfully placed in the task queue of RM, see chapter D.c.f))

The SWIFTNet client is an individual software application that the CB responsible for the PHA must implement and operate. The CB responsible for the PHA is fully responsible for the SWIFTNet client application.

D.b.c.c) Security requirements

D.b.c.c.a) Authorised access of ICM to PHA

For the interaction described in chapter D.b.a) the respective CBs must register the specific DN of the PHA for authorised access to the ICM.

D.b.c.c.b) Non-repudiation of emission (NRE)

See chapter B.c.c.b).

D.b.c.c.c) Usage of SWIFTNet InterAct

See chapter B.c.d).

D.b.c.c.d) SWIFT billing and pricing

See chapter B.c.e).

D.c) Application specification

D.c.a) Collaboration protocol

In the interaction described in chapter D.b.a), the protocol between PHA and ICM follows the protocol that is arranged between the protocol for the A2A users and ICM (see UDFS, book 4) without the simplifications mentioned in chapter C.a.a), as this is the common A2A communication.

D.c.b) Pull mode (Real Time Protocol)

The protocol applied between PHA and ICM in the interaction described in chapter D.b.a) also implies the so called pull mode. ICM forwards the XML request sent by the PHA to RM for processing. Requests will synchronously be answered with a response (receipt) by ICM if the task has been successfully placed in the task queue of RM. Due to the small data volume it is expected that the responses are always messages and never files.

D.c.c) No task queue at ICM side

No task queue is required at ICM side.

D.c.d) No Maximum response times of PHA

In the interaction described in chapter D.b.a), ICM respectively RM is the server/responder, whereas PHA is the client/requestor. Thus, maximum response times need not be defined for PHA in this case.

D.c.e) Use case: Insertion of PHA balance in RM

This use case is mandatory if the CB responsible for PHA has opted for the RM Module.

Aim	To insert the information of the end of day balance in the PHA account in the RM for the calculation of minimum reserves.
Precondition	<ul style="list-style-type: none">• Verification that the original request was sent by the required RBAC role.• NRE is given.
Postcondition Success	<ul style="list-style-type: none">• The following information is inserted in the RM:<ul style="list-style-type: none">- Participant BIC- End of day balance of PHA account.• A receipt stating the queue entry ID (of RM), the system time and a technical status code (of RM) issued by ICM is received by PHA.
Postcondition Failure	An error message (from ICM or RM) issued by ICM is received by PHA.

D.c.f) Structure of XML message InsertPHABalance

Schema reference

Request	ssp.rmm.InsertPHABalance\$camt.998.001.01.xsd
Response	ssp.Receipt\$camt.025.001.01.xsd

E) Further organisational and operational requirements for PHA

E.a) Testing

A separate test environment (beside the production environment) has to be provided by the CBs that allows to safely test and prove the correct interaction between ICM and the PHA.

The following environments have to be provided:

- Integration
This environments will be used during the Level2 acceptance tests and during the customer testing phase to check connectivity. This environments will be connected to the SSP via the SWIFT Pilot Network.
- Production
The real working environment of the system. This environment will be connected to the SSP via the SWIFT Production Network.

E.b) Quality insurance

The connectivity of the ICM and the PHA has to be tested successfully. Furthermore, the CB responsible for the PHA has to confirm that the PHA can cope with the requirements specified in this document in an appropriate manner.

E.c) Support

To read information from PHA and to interact with PHA is similar to the behaviour vis-a-vis the SSP modules. But the usability depends on:

- the performance of the connection between ICM and the PHA and
- the performance, stability and availability of the national PHA system

Therefore, the operating of the PHA must be ensured by the CBs. In particular, the CBs must constantly adapt to the evolution in the SWIFTNet, e.g. by upgrading the software and integrating new SWIFTNet releases.

E.d) Availability

The national PHAs must adapt to the business hours of SSP for daytime processing and decide on their availability during night-time processing. Especially the Start of day- and the End of day-Procedures must comply with SSP. Moreover, the PHAs must support the TARGET2 calendar and thus operate on the same calendar days as SSP (i.e. PHA must also be available during local holidays).

In addition, the CBs are strongly invited to maintain their existing access mode to their PHA system as a contingency solution in the situation if the link between ICM and PHA would be out of order.

E.e) Recovery time

An expected recovery time for PHA will be defined. This is the time from the alert till the solution of the problem on PHA side. A recovery time of 30 minutes is strongly recommended (maximum 2 hours) in order to ensure a high service quality for ICM.

F) Approval of Level 2

The requirements pointed out in this document still have to be approved by Level 2.