

General Information (Origin of Request)		
<input type="checkbox"/> User Requirements Document (URD) <input checked="" type="checkbox"/> User Detailed Functional Specification (UDFS) <input checked="" type="checkbox"/> User Handbook (UHB) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: 4CB	Institute: 4CB	Date raised: 15.01.2020
Request title: Multiplex Editorial Change Request <u>64</u> on UDFS v2.1 <u>and</u> <u>UHB</u>		Request ref. no: CSLD-0064- <u>UDFS</u> <u>SYS</u>
Request type: Common		
1. Legal/business importance parameter: <u>L/M/H</u>	2. Market implementation efforts parameter – Stakeholder impact: <u>L/M/H</u>	
3. Operational impact: <u>L/M/H</u>	4. Financial impact parameter: No cost impact	
5. Functional/ Technical impact: <u>N/A</u>	6. Interoperability impact: <u>N/A</u>	
Requestor Category: Eurosystem		Status: <u>Pending MIB Approval</u> <u>Draft CR</u>

Description of requested change:

Editorial-e Changes regarding Billing Common Component UDFS v2.1, Central Liquidity Management UDFS v2.1, Common Reference Data Management UDFS v2.1, Common Reference Data Management UHB v1.0, Enhanced Contingency Solution UDFS 2.1, Eurosystem Single Market Infrastructure Gateway UDFS v2.1, Real-Time Gross Settlement UDFS v2.1, MyStandards Usage Guidelines and MyStandards Examples.

Reason for change and expected benefits/business motivation:

The **editorial** changes listed below are related to Billing Common Component UDFS v2.1, Central Liquidity Management UDFS v2.1, Common Reference Data Management UDFS v2.1, Common Reference Data Management UHB v1.0, Enhanced Contingency Solution UDFS 2.1, Eurosystem Single Market Infrastructure Gateway UDFS v2.1, Real-Time Gross Settlement UDFS v2.1, MyStandards Usage Guidelines and MyStandards Examples. Their incorporation into the UDFS v2.1 is required for clarifying the documentation underlying the software. Please note that the changes referring to UDFS v2.1 will also be reflected, when relevant, into the schema documentation published in MyStandards. For Part III the items in this CR with reference to TSWG/ECB review are based on chapter and page numbers available in UDFS v2.1.1.

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Proposed wording for the Change request:

CLM

1 EUROSISTEM UPDATE [internal review]: page 27 (CLM UDFS-chapter Reader's guide)

Interface is provided for all CLM Actor's

[..]

For instance, business readers, interested mainly in organisational issues, may not wish to enter into the full details of each message description, but they might prefer going through a description of the business processes and the information flows between their own business application(s) and CLM. On the other hand, technical readers involved in the specification and development of technical interfaces to CLM may not be interested in the complete description of the features CLM offers. They would probably search the necessary information to design and build the interface of the CLM ~~Actor's Account Holder's~~ business application with CLM. The following paragraphs show - with a couple of examples - how business and technical readers may follow different reading patterns in order to fulfil their needs.

[..]

EUROSISTEM UPDATE [TSWG comment by BdP, ID1=19]: page 29 (CLM UDFS-chapter 1 Overview)

Update of term TIPS Account in (TIPS) DCA

[...]

~~The available liquidity can be transferred to the dedicated cash accounts (DCAs) of RTGS, and T2S or and TIPS Accounts. For calculating the fulfilment of the minimum reserve requirements and the automatic marginal lending facility the balances on all relevant accounts (MCAs, and DCAs and TIPS Accounts) are taken into account.~~

2 EUROSISTEM UPDATE [internal review]: page 29 (CLM UDFS-chapter 1 Overview of CLM)

Clarification on TIPS Accounts

[..]

In order to reach these objectives, ~~the~~ CLM holds main cash accounts (MCAs) as the central source of liquidity; the MCA is used for all CBOs as well as the management of the credit line (if applicable). The

available liquidity can be transferred to the dedicated cash accounts (DCAs) of RTGS and T2S or TIPS Accounts. For calculating the fulfilment of the minimum reserve requirements and the automatic marginal lending facility the balances on all relevant accounts (MCAs, DCAs [and TIPS Accounts](#)) are taken into account. A CLM Account Holder is responsible for its own liquidity management and for monitoring the settlement process or grant access to another party to perform these tasks on its behalf. The A2A communication between credit institutions and all TARGET Services and common components is based on International Organization for Standardization (ISO) 20022 compliant messages.

[..]

3 EUROSISTEM UPDATE [[ECB/TSWG review](#)]: page 33 (CLM UDFS-chapter 2.1 Connectivity)

Types of communication are individual messages or files

[..]

The A2A connectivity mode supports a message-based and a file-based transmission channel. The use of a connectivity channel is dependent on the size of business content that is to be transmitted. The limit for a message-based communication is 32 KB, while the maximum size of a file-based communication is limited to 32 MB. Therefore, the transmission channel is not dependent on the type of communication, i.e. file-based or message-based (introduced respectively by a BFH or BAH), but on the size of the communication. Individual messages can be sent using file-based communication (and must be if they exceed the size limit of message-based transmission) and files can be sent using message-based communication when the size limit is not exceeded.

[..]

4 EUROSISTEM UPDATE [[Internal review](#)]: page 33 (CLM UDFS-chapter 2.2 Authentication and authorisation process in CLM)

Adaption of cross-reference links.

[..]

ESMIG authenticates the CLM Actor and carries out an authorisation check at service level in order to verify whether the DN is permitted to submit requests to CLM. The ESMIG UDFS, chapter "*Technical message validation*" contains exhaustive information on all the authentication and authorisation checks ESMIG performs.

[...]

The authorisation of the request is checked against the role's access privileges. The privileges, which are used in CLM, are listed in the CRDM UDFS, chapter "Privileges" in the table "CLM functions".

45EUROSYSTEM UPDATE [internal review]: page 33 (CLM UDFS-chapter 2.2 Authentication and authorisation process in CLM)

Clarification on privileges for A2A only and U2A only

[..]

The authorisation of the request is checked against the role's access privileges. {CR-33} The privileges, which are used in CLM, are listed in the CRDM UDFS. Privileges, which are used for A2A only or U2A only, are marked accordingly.

56EUROSYSTEM UPDATE [internal review]: page 34 (CLM UDFS-chapter 2.3.2 Integrity)

Correction of terminology for DWH and clarification for GUI access on audit trail

[..]

Furthermore an audit trail provides the possibility to query through U2A interface for A2A entries and U2A tasks or by a user defined DWH queryreport the modified data at the attribute level, the user performing the change and the timestamp of the change made. This audit trail shows both the changed attributes and the new values.

67EUROSYSTEM UPDATE [ECB/TSWG review]: page 35 - 39 (CLM UDFS-chapter 2.5 Communication between CLM and CLM Actors)

Clarification on non-usage of real-time file-based network service and terminology clarification. Adaption of cross-reference links.

[..]

With the distinction of message-based and file-based network services this allows ~~four~~ three network service types:

- | store-n-forward message-based network service;
- | store-n-forward file-based network service;
- | real-time message-based network service;^x

Footnote: Real-time file-based network service is not supported.

[..]

CLM business data exchanges	Inbound communication request	Outbound communication response
Instructions	Store-n-forward message-based, store-n-forward file-based	Store-n-forward message-based, store-n-forward file-based
Queries	Real-time message-based	Real-time message-based in case of timeout and/or oversize: store-n-forward message-based <u>or store-n-forward file-based</u> (see chapter Outbound traffic exceeding given size limitations) ^x <u>store-n-forward file-based</u>
Reports	N/A	Store-n-forward message-based, store-n-forward file-based
Notifications	N/A	Store-n-forward message-based, store-n-forward file-based

Table 2 - Business data and communication channels

Footnote: ^xTimeout handling and the switch from store-n-forward message-based to store-n-forward file-based is handled in ESMIG. Respective details are provided in the ESMIG UDFS, chapter "Timeout and oversized management".

[..]

CLM business data exchanges	Communication channel	Deduction of PTA
Notification as response to an instruction	Store-n-forward message - based	A notification as response to an instruction is sent to the same network service and PTA which were used for sending the related in-bound communication.
Notifications being not a response to an instruction but belonging to a business case triggered by an instruction, e.g. BankToCustomerDebitCreditNotification (camt.054) [398]	Store-n-forward message - based	The store-n-forward notification being not a response to an instruction is sent to the PTA that is defined in the routing configuration.
Revocation of payment orders and rejection of cash transfer orders	Store-n-forward message - based	Revocation of payment orders and rejection of cash transfer orders are sent to the PTA which is derived from the addressed business receiver (identified in the attribute <To> BIC located in the BAH of the message)
Responses to queries	Real-time message - based : in case of time-out store-n-forward message - based , store-n-forward file - based	Responses to real-time messages are sent to the PTA of the sender of the query. In case of timeout and/or oversize additional messages are sent using the store-n-forward message - based network channel or store-n-forward file - based network channel for the same technical receiver and the same network provider. ^x
Reports	Store-n-forward file - based store-n-forward message - based	Reports are sent in store-n-forward mode to the PTA that is defined

Table 3 - Deduction of PTA

Footnote: ^x[Timeout handling and the switch from store-n-forward message-based to store-n-forward file-based is handled in ESMIG. Respective details are provided in the ESMIG UDFS, chapter "Timeout and oversized management".](#)

[For further information see the CRDM UDFS, chapter "Party Data Management".](#)

Connectivity requirements for CLM actors

Store-n-forward mode:

- I Each external actor sending store-n-forward traffic to CLM has to be able to receive store-n-forward traffic with the sender DN and NSP for message-based and file-based network channel.
- I According to the routing configuration the technical receiver name and the NSP are defined for receiving store-n-forward traffic from CLM. The external actor has to support message-based and file-based network channel.

Real-time mode:

- I each external actor sending real-time traffic to CLM has to be able to receive real-time and store-n-forward traffic with the sender DN and NSP for message-based and file-based network channel (the latter for store-n-forward only).

Link routing information on technical and business level

The PTA is always set-up as "point-to-point" information, i.e. if a message is sent by a party A to CLM the PTA of party A is represented by the related DN on technical transport layer of the message and the PTA of CLM is also identified by a DN. Further details on the set-up are provided in [the ESMIG UDFS-chapter "Authentication and authorisation" chapter "Authentication and authorisation concept"](#).

[..]

Simplified illustration addressing of [orders instructions](#) for inbound communication on business level if sent by a CB Account Holder:

[..]

Simplified illustration addressing of [orders notifications on instructions](#) for outbound communication on business level sent by CLM:

[..]

78 EUROSYSTEM UPDATE [ECB/TSWG review]: page 41 (CLM UDFS-chapter 3.1.2 Concept of party in CLM)

Correction of footnote and alignment with other sections
--

Similarly, each CB belonging to the second level is responsible for the set-up of all parties of its community, represented by parties of the third level. In CLM, payment banks belong to the third hierarchy level. In case a CB offers settlement in multiple currencies and a payment bank wants to settle in these currencies, it is required for a payment bank to open a party*[Concept of party in CLM](#) [» [Error! Bookmark not defined.](#)⁴²] per currency.

Footnote: *Each party has to be identified with a valid and unique BIC11.

This means that each CB is responsible for the reference data of its community. Further information about the hierarchical model can be found in [the CRDM UDFS](#), chapter “*Common reference data objects and the hierarchical party mode*”. Information about the data scope is included in chapter “*Data scope*”.

[..]

Upon request of the respective CB, the operator may use CLM functions on behalf of any CLM Actor. It has full access to all live ~~and all archived~~ reference data and transactional data in CLM.

[..]

89 EUROSISTEM UPDATE [[ECB/TSWG review](#)]: page 43 (CLM UDFS-chapter 3.1.4 Reference data for parties used by CLM)

Adaption of cross-reference link, Alignment to other chapters

This chapter is related to the corresponding chapter in the CRDM UDFS. For further details see CRDM UDFS chapter “*Description of entities > Cash account*”.

910 EUROSISTEM UPDATE [internal review]: page 44 (CLM UDFS-chapter 3.1.5 Blocking/unblocking party)

Clarification of blocking on party level

[..]

As soon as a ~~party payment bank~~ is blocked at party level, all cash accounts belonging to that ~~party payment bank across all settlement services in CLM~~ are blocked too. However, the blocking of a payment bank on party level does not automatically block the standing facilities accounts ~~of dedicated to~~ this party. This has to be done separately.

[..]

4011 EUROSISTEM UPDATE [internal review]: page 44 (CLM UDFS-chapter 3.2 Accounts structure and functionalities)

Deletion of footnote concerning ECONSII

The following categories of accounts² can be set up and maintained in CRDM for CLM:

² Due to ongoing discussions regarding Enhanced Contingency Solution II (ECONS II) an additional account type could be added in a later version.

4412EUROSYSTEM UPDATE [ECB/TSWG review]: page 45 (CLM UDFS-chapter 3.2.1

Account types)

Clarification on Account Monitoring Group, default CLM CB Account and marginal lending. [Adaption of cross-reference links.](#)

MCA*

The condition to set up an "MCA" is to have a party of party type "payment bank" or "AS". Moreover, the service party type "CLM Account Holder" must be linked to the party. Therefore, if the account holder of the MCA is a CB, it has to create a party for itself at the third level of the hierarchical model (i.e. payment bank).

CRDM creates a CLM Repository each business day (at 17:00) in order to provide routing information for central banks. More details can be found in the CRDM UDFS, chapter "*CLM Repository*".

~~Footnote: *CRDM creates a CLM Repository each business day (at 17:00) in order to provide routing information for central banks. More details can be found in the CRDM UDFS, chapter "*CLM Repository*".~~

[..]

The default MCA is the only account on which the following operations are processed:

- | update of credit line;
- | [reimbursements linked to](#) marginal lending and overnight deposits (summarised as standing facilities);

[..]

Each MCA may be part of one or many Liquidity Transfer Groups; [may belong](#) to one or many Account Monitoring Groups and via the respective party to one Banking Group ([Types of groups](#) [▶ 59]).

[..]

A party holding at least one MCA and at least one RTGS DCA must establish a one to one link (through the Associated Liquidity Transfer Account attribute) between its ~~(default)~~ MCA and one of its RTGS DCAs.

[..]

CLM CB Account

[..]

- | In case of closure of accounts the remaining or missing liquidity for the account to be closed is transferred by an emergency liquidity transfer to/from [the](#) default CLM CB Account (see chapter 3.2.6).
- | All interest payments related to overnight deposit and marginal lending* are processed via this account (if no specific account is configured).

Footnote: * Until launch of ECMS.

[..]

4213EUROSYSTEM UPDATE [[ECB/TSWG review](#)]: page 48 (CLM UDFS-chapter 3.2.2
Reference data for accounts used by CLM)

Adaption of cross-reference links. Alignment to other chapters

This chapter is related to the corresponding chapter in the CRDM UDFS. For further details see CRDM UDFS chapter "[Description of the entities > Cash Account](#)".

4314EUROSYSTEM UPDATE [[Jira-779](#), [ECB-4CB internal review](#)~~internal review~~]: page 49 - 52
(CLM UDFS-chapter 3.2.3 Functionalities)

Provision of messages for the co-manager, CLM CB technical account holder and account type clarification.
Adaption of cross-reference links.

Direct debit mandate

The direct debit functionality in CLM can only be used by CLM CB Account Holders, as payment banks are not allowed to send payments in CLM.

A CB⁹ can send direct debit orders to the MCAs opened in its books in CLM without prior definition of a direct debit mandate.

Footnote: ⁹ Not valid for service party types CLM transit account holder and CLM [CB](#) technical account holder.

[..]

The CLM Account Holder shall instruct its CB to set up and maintain the direct debit mandate in CRDM.
~~It is possible to set up a direct debit mandate for debiting a CLM CB Account.~~

[..]

A list of direct debit mandate reference data attributes can be found in [the](#) CRDM UDFS chapter "[Description of entities > Direct Debit Mandate](#)".

[..]

Floor/ceiling

For each MCA or CLM CB Account, a CLM Account Holder [or CLM CB Account Holder](#) can define a minimum ("floor") and/or a maximum ("ceiling") amount in CRDM that shall be available for settlement on

the respective account.

The CLM Account Holder or CLM CB Account Holder can choose how CLM shall respond in case the floor or ceiling on an account is breached (e.g. after the settlement of a payment order):

CLM generates a notification that is sent to the CLM Account Holder informing about the floor/ceiling breach (upon which the CLM Account Holder can actively take action) and/or;

CLM generates a rule-based liquidity transfer order. This can be:

! either a rule-based inter-service liquidity transfer order:

— to pull an amount of liquidity from a predefined RTGS DCA or RTGS CB Account to be debited to reach a predefined target amount (in the event the floor is breached) on an MCA;

— to push an amount of liquidity to a predefined RTGS DCA or RTGS CB Account to be credited to reach a predefined target amount (in the event the ceiling is breached) on an MCA.

! a rule-based intra-service liquidity transfer order between two MCAs:

— to pull an amount of liquidity from another MCA within the same Liquidity Transfer Group of the MCA subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that MCA;

— to push an amount of liquidity to another MCA within the same Liquidity Transfer Group of the MCA subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that MCA.

! a rule-based intra-service liquidity transfer order between two CLM accounts belonging to a CB:

— to pull an amount of liquidity from a CLM CB Account subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that CLM CB Account from an MCA belonging to a CB;

— to push an amount of liquidity to a CLM CB Account subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that CLM CB Account to an MCA belonging to a CB;

— to pull an amount of liquidity from an MCA belonging to a CB subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that MCA from a CLM CB Account;

— to push an amount of liquidity to an MCA belonging to a CB subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that MCA to a CLM CB Account.

Notifications can be sent in A2A and/or U2A. The floor and ceiling notification (ReturnAccount (camt.004)) is sent via A2A in case the CLM Account Holder (or another actor acting on behalf of the CLM Account

Holder) [or CLM CB Account Holder](#) has chosen to be notified that way. Further details are provided in chapter [Breach of floor/ceiling threshold - notification](#) [▶ [Error! Bookmark not defined.134](#)].

Preconditions for the generation of a rule-based liquidity transfer order depend on their type:

- ! For the creation of a rule-based inter-service liquidity transfer the definition of an "Account to be credited for ceiling breach" and/or an "Account to be debited for floor breach" in CRDM is mandatory. Those accounts have to be RTGS DCAs or RTGS CB accounts. For further details see CRDM UDFS₂ chapter "[Description of entities > Account Threshold Configuration](#)".
- ! For the creation of a rule-based intra-service liquidity transfer between two MCAs the definition of an "Account to be credited for ceiling breach" and/or an "Account to be debited for floor breach" in CRDM is mandatory. All relevant MCAs need to be part of the same Liquidity Transfer Group (see Types of groups).
For further details, see CRDM UDFS₂ chapter "[Description of entities > Account Threshold Configuration](#)".
- ! For the creation of a rule-based intra-service liquidity transfer between two CLM accounts belonging to a CB the definition of an "Account to be credited for ceiling breach" and/or an "Account to be debited for floor breach" in CRDM is mandatory. For further details, see CRDM UDFS chapter, "[Description of entities > Account Threshold Configuration](#)".

[..]

It is up to CLM Account Holders [or CLM CB Account Holder](#) to set up and maintain the floor/ceiling information in CRDM. All actions (set up, modify, delete) become effective as of the next business day or on the activation date of the MCA or the CLM CB Account if this is later than the next business day.

[..]

Co-management

[..]

During the creation of an MCA, a flag allows CBs to identify that the account is co-managed and who is the co-manager. Co-Manager can only be a CLM Account Holder or a CLM CB Account Holder. The privileges/roles assigned by the CB to the user of the CLM Account Holder or CLM CB Account Holder are also applicable for the co-managed account without limitations. This means that in case the user of the CLM Account Holder [or CLM CB Account Holder](#) has the privilege to query the account balance, the user can see the balance of the account(s) in the data scope of his party and in addition the balance of the co-managed account.

During the creation of the party, the party technical address of the co-manager must be entered [if to enable](#) the co-manager [wishes](#) to receive [all](#) the messages related to the co-managed account(s).

[...]

I receive status ~~information notifications (i.e. camt.054) about inbound messages;~~ on cash transfers and tasks ~~queues~~ for the co-managed MCA;

[...]

All these activities in CLM can be done in A2A or U2A, depending on the set-up of the respective co-manager. The co-manager and the owner of the co-managed account do not need to be technically under the same system entity of a CB.

Standing order liquidity transfer order

A standing order liquidity transfer order is a recurring order of a CLM Account Holder or a CLM CB Account Holder to transfer:

[...]

This information is defined at the level of the MCA or CLM CB Account and it is up to the CLM Account Holder or CLM CB Account Holder to configure and manage its standing order liquidity transfer orders information in CRDM.

[...]

The following use cases for standing order liquidity transfer orders are possible for an MCA or CLM CB Account:

[...]

I intra-service liquidity transfer between an MCA and a CLM CB Account (if the creditor is a CB Account);

[...]

15EUROSYSTEM UPDATE [TSWG comment by BdE, ID1=12]: page 53 (CLM UDFS-chapter 3.2.3 Functionalities)

Clarification that standing order liquidity transfer order can be created in CRDM

[...]

Standing order liquidity transfer order

... This information is defined at the level of the MCA or CLM CB Account and it is up to the CLM Account Holder or

[CLM CB Account Holder to create, configure and manage its standing order liquidity transfer orders information in CRDM.](#)

...

4416EUROSYSTEM UPDATE [ECB/TSWG review]: page 53-54 (CLM UDFS-chapter 3.2.4 Messaging)

Alignment to other chaptersAdaption of cross-reference links.

Message subscription

Detailed information can be found in [the](#) CRDM UDFS_{xx} chapter "*Message subscription*".

Report configuration

The CLM actor can configure one standard report (statement of accounts) that CLM shall create during the end-of-day (EoD) period. CLM Actors can specify in their report configuration, whether such report shall be sent to the recipient immediately in A2A mode (push) or be stored for later ~~downloading in pull mode~~ [query in A2A and U2A](#).

[...]

Routing configuration

The routing configuration defines the technical address to which reports, ~~and~~ [and](#) notifications ~~and forwarded payment messages~~ are sent to.

[...]

4517EUROSYSTEM UPDATE [internal review]: page 54-55 (CLM UDFS-chapter 3.2.6 Closing of accounts still containing a balance); xx

Alignment with other chapters

In case:

- I An account is foreseen to be closed as of next business day;
- I and there is still money on that account after business day event CB cut-off for marginal lending on request of the current business day;

then CLM will generate a [liquiditycash](#) transfer ~~in the phase Start of EoD processing~~.

[...]

4618EUROSYSTEM UPDATE [ECB/TSWG review]: page 58 (CLM UDFS-chapter 3.3 Static data configuration for minimum reserve management and interest calculation); xx

Internal review

[..]

In addition to MCAs/DCAs/**TIPS Accounts**, other cash account types need to be remunerated as well (e.g. CB accounts of non-euro area CBs, AS guarantee funds accounts and AS technical accounts related to AS settlement procedure D).

[..]

Interest calculation	Optional	Three possible values: <ul style="list-style-type: none">no;minimum reserve calculation period;monthly.	Indicates whether interest is calculated on the account balance. Only relevant if the attribute "minimum reserve calculation" at account level is set to "No". If not set to "No", this field indicates the interest calculation period to be used for interest calculation. Note: In general, for marginal lending ¹ and overnight deposit account the attribute must be set to "No" as the interest calculation is not subject to any configuration. Exception: For overnight deposit accounts of Out-CBs this field must be set to "monthly".
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Table 18 - Minimum reserve and interest calculation management at account level

[..]

19EUROSYSTEM UPDATE [internal review]: page 59 (CLM UDFS-chapter 3.4 Types of groups)

Adaption of cross-reference links.

[...]

Table 9 - Set-up of groups for CLM

Further details on the set up of the various groups are provided in the CRDM UHB, chapter "*Create a Cash Accounts Group*".

4720EUROSYSTEM UPDATE [internal review]: page 60 (CLM UDFS-chapter 3.4 Types of groups)

Addition of TIPS Accounts for consistency

[..]

Account Monitoring Group

An Account Monitoring Group is an optional group of accounts (MCA(s) ~~and~~ DCA(s) ~~and~~ TIPS Account(s)) which can be used in the CLM. It grants a collective view over the liquidity of the involved accounts to payment banks. An Account Monitoring Group is used for liquidity monitoring purposes of payment banks; they are not used for the context of payment orders or liquidity transfer orders settlement. The leader party of the Account Monitoring Group can see the liquidity of all included accounts while the other participants of the Account Monitoring Group can only see the liquidity of their accounts.
[..]

4821EUROSYSTEM UPDATE [internal review]: page 63-65 (CLM UDFS-chapter 3.5 Shared reference data); xx

Alignment – URD SHRD.UR.BDD.060; typo correction

CLM Rates:

[..]

Attribute	Description
Country code	It specifies the rate's country code.
Rate type	It specifies the type of rate amongst an exhaustive list of values: <ul style="list-style-type: none"> minimum reserve interest rate (MRIR); minimum reserve penalty rate type 1 (MRP1); minimum reserve penalty rate type 2 (MRP2); excess reserve interest rate (tier 1) (EXRE); excess reserve interest rate (tier 2) (EXRR); overnight deposit interest rate (ODIR);

Attribute	Description
	<ul style="list-style-type: none"> marginallending interest rate (MLIR)₂² no interest rate applicable (XXX).
Validity period	It specifies the start and end date of the rate validity period.
Rate (%)	It specifies the rate value (zero value also possible).
Status	It specifies the status of the related rate
Modification date	It specifies the date from which the displayed record has been or will be active.

Table 211 - Attributes of the CLM rates

[..]

Attribute	Description
Maintenance period ID	It specifies the ID of the reserve maintenance period.
Minimum reserve period start Validity start date	It specifies the start date of the maintenance period.
Minimum reserve period end Validity end date	It specifies the end date of the maintenance period.

Table 312 - Attributes of the reserve maintenance periods

[..]

Warehoused payment period:[..] It is up to the operator the set up and to maintain the warehouse_d payment period parameter.

[..]

1922EUROSYSTEM UPDATE [ECB/TSWG review]: page 66 (CLM UDFS-chapter 3.6 Interaction between CLM and CRDM)

Alignment to other chaptersAdaption of cross-reference links.

It is ensured that CRDM propagates common reference data (and their changes) to the relevant services and components timely and consistently. Further detailed information can be found in chapter CRDM [161] and in the CRDM UDFS, chapter "Common reference data propagation".

23EUROSYSTEM UPDATE [SDD-CN-PBR-027]: page 65 (CLM UDFS-chapter 3.6 Interaction between CLM and CRDM)

Code 'BLKD' to be added to camt.049 in CLM "for seizure of funds reservation deletion". Footnote to be updated.

¹⁶ Reservation for seizure of funds is created by a CB as a current reservation in CLM (standing order is not available for this reservation type). It can be managed only via U2A. The seizure of funds reservations are not deleted by CLM at the end of the business day.

2024EUROSYSTEM UPDATE [internal review]: page 66 (CLM UDFS-chapter 4.1 T2 calendar)

Correction of typo

[..]

On the currency specific closing day D+1 **CLM RTGS** is closed for EUR from 02:30 CET at the closing day and remains closed until 02:30 on working day D+2. All other currencies follow their standard CLM schedule.

[..]

2425EUROSYSTEM UPDATE [ECB/TSWG review]: page 732 (CLM UDFS-chapter 4.3 Overview description of the business day)

Correction of capture of reference data description and adaption of cross-reference links.

Reference data ~~can be captured during all periods except for the maintenance window. are captured in CRDM. Details are provided in the CRDM UDFS, chapter "Common reference data" and in the CRDM UHB, chapter "Party Management > Account Management". For r~~Reference data valid ~~in-CLM~~ as of the next business day ~~it~~ must be captured ~~in-CRDM~~ before the event ~~that propagates data from CRDM to CLM.~~ Data propagation for T2, with a planned time of 18:00 CET.

2226EUROSYSTEM UPDATE [internal review]: page 77 (CLM UDFS-chapter 4.4.2.1
Settlement window for CBOs)

Correction of typos

[..]

CLM processes	Events and description of the processes
Opening of settlement window	Event (time-based): <i>Start of CLM RTS</i>
Reimbursement of marginal lending	Before ECMS CLM performs the reimbursement of marginal lending amounts and the calculation and posting of interest. (Reimbursement of automatic marginal lending [Error! Bookmark not defined. ²⁷⁵]; Reimbursement of marginal lending on request [Error! Bookmark not defined. ²⁷⁵]) After ECMS CLM performs the reimbursement of automated <u>automatic</u> marginal lending amounts and communicates the settlement to ECMS. (Reimbursement of automatic marginal lending [Error! Bookmark not defined. ²⁷⁵])

[..]

2327EUROSYSTEM UPDATE [internal review]: page 78 (CLM UDFS-chapter 4.4.2.2
Settlement window for liquidity transfer orders)

Clarification on parked liquidity transfer orders with link to CR35

[..]

Processing of immediate liquidity transfers	CLM starts accepting and processing immediate liquidity transfer orders and parked immediate liquidity transfer orders which are entered after CLM business day event "Start of CLM RTS" from CLM Actors. ^x
---	---

^x When an immediate liquidity transfer order is parked it cannot be revoked.

Table 447 - Events and processes at the start of settlement window for liquidity transfer orders

28 EUROSISTEM UPDATE [TSWG comment by BBk, ID1=3]: page 81 (CLM UDFS-chapter 4.4.3 Maintenance window)

Deletion of footnotes due to already approved T2S CR 710

[..]
Non-optional maintenance window
...

The non-optional maintenance window starts with the event "Start of non-optional maintenance window" at a planned time of 02:30 CET on the closing day, e.g. Saturday, and ends with the event "End of non-optional maintenance window" at a planned time of 02:30 on the next working day. [Deletion footnote 26 "Functionality subject to the approval of a T2S CR"]

Optional maintenance window
...

When activated, the optional maintenance window starts with the event "Start of optional maintenance window" at a planned time of 03:00 CET and ends with the event "End of optional maintenance window" at a planned time of 05:00 CET. [Deletion footnote 27 "Functionality subject to the approval of a T2S CR"]

2429 EUROSISTEM UPDATE [internal review]: page 80ff (CLM UDFS-chapter 4.4.4 End-of-day period (18:00 - 18:45 CET))

Clarification on cut off for standing facilities

[..]
General cut-off for standing facilities

The use of standing facilities for the CLM Account Holder (marginal lending **on request** until the launch of ECMS and overnight deposit) is possible until the event General cut-off for standing facilities. The planned time for this event is 18:15 CET.

[..]

Closure for incoming marginal lending on request orders and update of credit line	<p>New liquidity transfer orders for marginal lending on request by CBs are not accepted after the cut-off and are rejected.</p> <p>New orders to update credit lines (via A2A, U2A and connected payments) are not accepted after the cut-off and are rejected.</p> <p>After ECMS</p> <p>Payment orders sent New liquidity transfer orders for marginal lending on request by ECMS are not accepted after the cut-off and are rejected.</p>
---	---

	New orders to update credit lines (via A2A, U2A and connected payments) are not accepted after the cut-off and are rejected.
--	--

Table 520 - Events and processes during EoD

[...]	
Minimum reserve processing	CLM calculates the running average and the adjustment balance per institution <u>leading CLM Account Holder</u> subject to minimum reserve requirements. On the last day of the minimum reserve maintenance period, CLM verifies the minimum reserve fulfilment for each relevant institution <u>leading CLM Account Holder</u> and creates the respective interest payment orders for: <ul style="list-style-type: none">minimum reserve fulfilment;excess reserve. The interest payment orders are created with execution date two business days after the end of the minimum reserve maintenance period.
Interest calculation for accounts subject to interest calculation	<u>On the last business day of the calculation period,</u> CLM calculates the interest for accounts subject to interest calculation and creates the respective interest payment order. The interest payment orders are created with execution date two business days after the end of the relevant remuneration period.

[...]

2530EUROSYSTEM UPDATE [ECB/TSWG review]: page 87 (CLM UDFS-chapter 5.1.3 Business validation)

Clarification on U2A input of cash transfers

[...]

When entering a cash transfer order via U2A a number of pre-checks are already performed before the submission. After submission, a successful creation of the task for the cash transfer order is confirmed via a success information as real-time U2A response to the submission. For an unsuccessful attempt, the user is also directly informed via an U2A error information. Following the task creation, the U2A-entered cash transfer order follows the same rules like the ones which apply for inbound messages initiated via A2A with the exception that a possible error information has to be actively queried via U2A. Details on the U2A behaviour are provided in the CLM-UHB.

When entering the cash transfer via U2A a number of pre-checks are already performed (kindly refer to

the UHB). The successful creation of a cash transfer via U2A is confirmed via a success message to the U2A user whereas for an unsuccessful attempt the user is informed via an error notification (described in the UHB). Nevertheless the Business Validations are also performed for a cash transfer initiated via U2A after the successful creation of this cash transfer. The information to the creating party is then provided via A2A messages. Certain exceptions exist for U2A-only parties.

[..]

2631EUROSYSTEM UPDATE [internal review]: page 89 (CLM UDFS-chapter 5.3.1 Processing of CBOs)

Clarification on chapter headline

[..]

Within the CLM UDFS the term CBO covers one out of the above-mentioned operations. CBOs can be initiated using for FinancialInstitutionCreditTransfer (pacs.009) and LiquidityCreditTransfer (camt.050) via A2A or via U2A.

[..]

CBO type	Initiation via	Message
...		
Linked to standing facilities ³⁴ : <ul style="list-style-type: none"> setting up of automatic marginal lending; marginal lending reimbursement[*]; overnight deposit refund.	Triggered automatically	-

Table 23 - CBOs in CLM

³⁴~~Until ECMS go-live. After ECMS go-live the three processes will be performed by a connected payment or a regular payment.~~

^{*}~~Reimbursement of the capital amount for marginal lending on request only until ECMS go-live.~~

[..]

2732EUROSYSTEM UPDATE [internal review]: page 92 (CLM UDFS-chapter 5.3.2 Definition of execution time)

Clarification on message which is relevant for broadcast

[..]

An A2A broadcast is sent [via SystemEventNotification \(admi.004\)](#) in addition to the U2A broadcast in case the respective party has subscribed to receiving A2A broadcasts.

[..]

2833EUROSYSTEM UPDATE [\[ECB/TSWG review\]](#): page 97 (CLM UDFS-chapter 5.3.5 Rejection of cash transfer orders)

Clarification on additional information besides the rejection. [Adaption of cross-reference links.](#)

[..]

In case a rejection time is defined in the payment order and the rejection time is reached, CLM creates and forwards a [rejection notification](#) [\[Error! Bookmark not defined.250\]](#) (PaymentStatusReport (pacs.002)) to the submitting actor of the payment order not yet settled.

Note: 15 minutes prior to the rejection time, an automated broadcast is triggered via U2A and shown on the GUI screen. An A2A broadcast (SystemEventNotification (admi.004)) is sent in addition in case the respective actor has subscribed to receiving the A2A broadcast.

[..]

Further details on the handling of payment orders initiated in U2A can be found in [the CLM UHB, chapter "Validations"](#).

2934EUROSYSTEM UPDATE [\[ECB/TSWG review\]](#): page 98 (CLM UDFS-chapter 5.3.6 Modification of payment orders)

Alignment with other sections [and adaption of cross-reference links.](#)

[..]

The following different types of modifications are possible in CLM:

Parameter/action	Actor
Re-ordering within the respective queue (increase/decrease position)	CB of the owner of the debited account
Change of set execution time (if defined before sending the payment order to CLM)	CB of the B business sender

Table 627 - Possible modification types in CLM

These features enable a CB to react on changed conditions during the day.

As modifications are possible in U2A only, further details are provided in [the CLM UHB, chapter "Modify cash transfer order"](#).

[..]

35 EUROSISTEM UPDATE [internal review]: page 99 (CLM UDFS-chapter 5.3.7 Revocation of payment orders)

Adaption of cross-reference links.

[..]

The revocation of a payment order is possible throughout the whole business day with certain exceptions (e.g. maintenance window period). CBs can initiate a revocation in A2A as well as in U2A mode. A description of the U2A process can be found in the CLM UHB, chapter "[Revocation of payment](#)".

~~30~~36 EUROSISTEM UPDATE [internal review]: page 99 (CLM UDFS-chapter 5.3.8.1 Effective settlement order)

Consistency update on execution order including CR62

5.3.8.1 Effective settlement/[execution](#) order

[..]

Effective settlement/execution order	Business case
1	Credit line decrease and connected payment
2	Seizure of funds reservation increase
3	CBO reservation increase
3 4	Other CBO (including cash withdrawal and cash lodgement)
4	CBO reservation increase
5	Liquidity transfer

Table [728](#) - Effective settlement/execution order for debits and liquidity-related tasks decreasing the available liquidity on the MCA

[..]

3437EUROSYSTEM UPDATE [internal review]: page 115 (CLM UDFS-chapter 5.3.8.2 Entry disposition)

Correction in wording

[..]

Influencing factors for the settlement order

The effective processing of cash transfer orders in CLM is inter alia influenced by the following factors:

- I available liquidity (see chapter [Available liquidity](#) [» [Error! Bookmark not defined.](#)443]):
 - balance on the MCA;
 - credit line connected to the MCA (will decrease first for settling CBOs with a reservation);
 - seizure of funds, if applicable (a blocked amount would not be available for the settlement of cash transfer orders or credit line modifications);
- I reservation for CBOs, if applicable, induce preferential treatment of CBOs in the settlement order (In case the liquidity on the MCA is not sufficient and CBOs are queued/pending, CLM pulls liquidity from the linked RTGS DCA (linked through [the](#) Associated Liquidity Transfer Account attribute) via an automated liquidity transfer order.);

[..]

~~Further details on the processing are provided in chapter [Perform standard CLM settlement](#) [» [Error! Bookmark not defined.](#)214] and chapter [Settle connected payments](#) [» [Error! Bookmark not defined.](#)234].~~

Queued/pending CBOs

- I If the liquidity needed for settling all queued/pending CBOs changes, CLM creates and sends a new automated liquidity transfer order to RTGS to pull liquidity from the linked RTGS DCA (linked through the Associated Liquidity Transfer Account attribute). The amount of this new automated liquidity transfer order is the sum of all queued/pending CBOs minus the available liquidity (that is still not sufficient to settle the first payment order queued or to decrease the credit line).

[..]

Note: As soon as a new automated liquidity transfer order arrives in RTGS, RTGS deletes the previously queued automated liquidity transfer order and considers only the current one with the sum of all queued/pending CBOs.

~~Further details on the processing are provided in chapter [Perform standard CLM settlement](#) and chapter [Settle connected payments](#).~~

[..]

- Rule-based liquidity transfer order due to floor configuration in RTGS or on another MCA within the same Liquidity Transfer Group or on a CLM **CB** account **belonging to**

a-CB: The rule-based liquidity transfer order

- from RTGS or
- from another MCA / **CLM CB Account** or
- between two CLM **CB a**Accounts belonging to a CB

38 EUROSISTEM UPDATE [internal review]: page 106 (CLM UDFS-chapter 5.3.8.3 Comprehensive queue management)

Adaption of cross-reference links.

[...]

Note: The modification of payment orders can be done in U2A only. However, the revocation of a queued payment order can be done in A2A as well as in U2A. Further details on the interventions done in U2A can be found in the CLM UHB, chapter "*Modify cash transfer order*".

3239 EUROSISTEM UPDATE [internal review]: page 109 (CLM UDFS-chapter 5.4.1 Available liquidity)

Correction of terminology

[..]

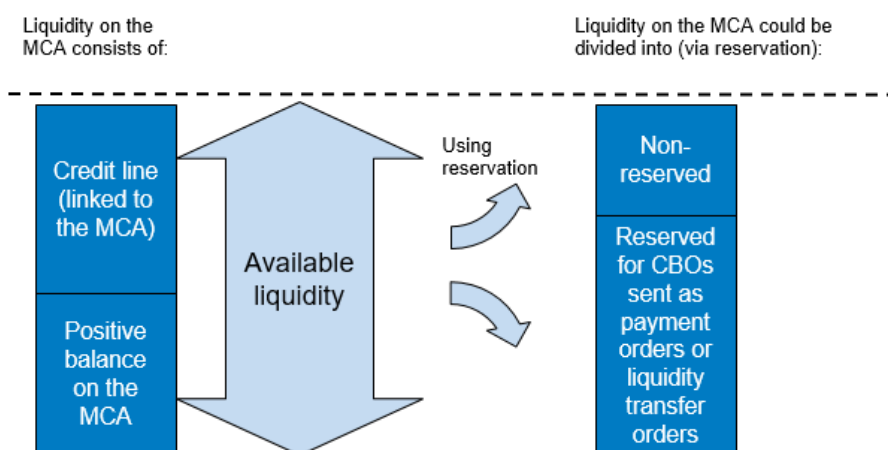
The available liquidity on an MCA is defined as follows:

- the balance on the MCA;
- plus the credit line* linked to the MCA;
- minus seized amount** [**Error! Bookmark not defined.**480].

*CLM does not check that an **CLM-MCA** Account Holder is flagged in CRDM as allowed to get intraday credit.

Note: In case a CLM Account Holder has more than one MCA, the credit line can be linked to one MCA only. Also MCAs without a credit line can be used to settle payment orders and/or liquidity transfer orders. Each MCA is identified by a BIC11 which is used to **identify address** the account within a payment order.

[..]



[...]

3340EUROSYSTEM UPDATE [\[ECB/TSWG review\]](#): page 110ff (CLM UDFS-chapter 5.4.2.1 Overview)

Clarification of description and adaption of cross-reference links.

The MCA is the central source of liquidity for the different settlement services. Therefore, CLM enables an efficient liquidity provision by offering liquidity transfer orders within CLM and to cash accounts held in other settlement services. These accounts are: RTGS DCAs, T2S DCAs, TIPS Accounts, CB Accounts in the relevant settlement services and RTGS sub-accounts.

Immediate liquidity transfer orders can be initiated via A2A (except pulling liquidity from DCAs and TIPS Accounts) or U2A by:

- | a CLM Account Holder;
- | another actor on behalf of the CLM Account Holder;
- | a CB or
- | by CLM itself, based on the set up in CRDM.

Liquidity transfer orders are used to:

	Debit Account									
	MCA	CLM CB Account	Overnight deposit account	Marginal lending account	RTGS DCA	RTGS sub-account	RTGS CB Account	TIPS Account	T2S DCA	T2S CB Account
MCA	X ^{1,3}	X ^{2,3}	X ⁶	X ⁷	X ^{3,5}	X	X ^{2,3}	X	X	X
CLM CB Account	X ^{2,3}	X ³	-	-	X ^{2,3}	X	X ³	X	X	X
Overnight deposit account	X ⁶	-	-	-	X	X	X	X	X	X
Marginal lending account	X ⁷	-	-	-	-	-	-	-	-	-
RTGS DCA	X ^{3,5}	X ^{2,3}	-	-	N/A	N/A	N/A	N/A	N/A	N/A
RTGS sub-account	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A
RTGS CB Account	X ^{2,3}	X ³	-	-	N/A	N/A	N/A	N/A	N/A	N/A
TIPS Account	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A
T2S DCA	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A
T2S CB Account	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A

	Debit Account									
	MCA	CLM CB Account	Overnight deposit account	Marginal lending account	RTGS DCA	RTGS sub-account	RTGS CB Account	TIPS Account	T2S DCA	T2S CB Account
MCA	X ^{1,3}	X ^{2,3}	X ⁵	X ⁶	X ^{3,4}	X	X ^{2,3}	X	X	X
CLM CB Account	X ^{2,3}	X ³	-	-	X ^{2,3}	X	X ³	X	X	X
Overnight deposit account	X ⁵	-	-	-	X	X	X	X	X	X
Marginal lending account	X ⁶	-	-	-	-	-	-	-	-	-
RTGS DCA	X ³	X ^{2,3}	-	-	N/A	N/A	N/A	N/A	N/A	N/A
RTGS sub-account	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A
RTGS CB Account	X ^{2,3}	X ³	-	-	N/A	N/A	N/A	N/A	N/A	N/A
TIPS Account	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A
T2S DCA	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A
T2S CB Account	X	X	-	-	N/A	N/A	N/A	N/A	N/A	N/A

intra-service liquidity transfers

inter-service liquidity transfers

N/A - not applicable in CLM

- option is not available

Figure xx Immediate Liquidity transfer combinations from CLM service perspective

intra-service liquidity transfers

inter-service liquidity transfers

N/A - not applicable in CLM

- option is not available

Please note the following details for the mentioned liquidity transfer combinations^x:

Footnote: ^x Subject to approval of CR0058

1. The combination is only possible within a defined Liquidity Transfer Group.
2. rule-based liquidity transfers the combination refers to MCAs/RTGS DCAs belonging to a central bank modelled as party of party type "payment bank".
3. Combinations referring to this number include rule-based liquidity transfers.
4. The combination is allowed for linked RTGS sub-accounts.
5. This number reflects the inclusion of automated liquidity transfers.
6. The respective liquidity transfers relate to overnight deposit, overnight deposit reverse and overnight deposit refund (further details on overnight deposit can be found in chapter Overnight deposit).
7. As regards the initiation of a marginal lending on request (until the go-live of the ECMS); further details on marginal lending on request can be found in chapter Marginal lending on request).
8. transfer liquidity between different MCAs in CLM (intra-service liquidity transfer orders and rule-based liquidity transfer orders within a defined Liquidity Transfer Group);
9. transfer liquidity between an MCA and a CB Account (in CLM, RTGS or T2S; including rule-based liquidity transfer orders from/to RTGS CB Accounts and CLM CB Accounts)
10. transfer liquidity between an MCA and an overnight deposit account when related to overnight deposit, overnight deposit reverse and overnight deposit refund (further details on overnight deposit can be found in chapter Overnight deposit);
11. receive liquidity on an overnight deposit account from one of the following cash accounts held in a different settlement service: RTGS DCA, T2S DCA*, TIPS Account, RTGS CB account, T2S CB account or RTGS sub-account;

Footnote: ^xIn case the CB has sent the liquidity transfer on behalf of the CLM Account Holder, the CLM Account Holder can receive an optional camt.054 (subject to message subscription).

- | transfer liquidity between an MCA and a Marginal Lending Account{CR-62} related to marginal lending on request (until the go-live of the ECMS; further details on marginal lending on request can be found in chapter Marginal lending on request {► [Error! Bookmark not defined.141](#)});
- | transfer liquidity between an MCA and an RTGS DCA (including automated and rule-based liquidity transfer orders);
- | transfer liquidity between an MCA and an RTGS sub-account;
- | transfer liquidity between an MCA and a T2S DCA or a TIPS Account;
- | transfer liquidity between a CB Account in CLM or an MCA belonging to a CB modelled as a party of party type "Payment bank" and an RTGS CB Account or an RTGS DCA belonging to a CB modelled as a party of party type "Payment bank" (including rule-based liquidity transfer orders);
- | transfer liquidity between a CLM CB account and a T2S CB account;
- | transfer liquidity between two CLM CB accounts (including rule-based liquidity transfer orders);

Liquidity transfer orders liquidity from an RTGS DCA/T2S DCA/TIPS Account, an RTGS CB Account, a T2S CB Account or an RTGS sub-account to one of the following cash accounts held in a different settlement service: RTGS DCA, T2S DCA, TIPS Account, RTGS CB account, T2S CB account, RTGS sub-account. The settlement of such liquidity transfers does take place on the relevant transit accounts in CLM only and are thus not subject-represented into the table above. *;

Footnote: *Functionalities mentioned here will change-sSubject to approval of CR0058

- | transfer liquidity from a CB Account in CLM to an RTGS DCA, a T2S DCA, a TIPS Account or an RTGS sub-account.

Liquidity transfer type	Description
Immediate liquidity transfer order	Immediate transfer of liquidity initiated by the account holder or another authorised CLM Actor in A2A or U2A
Automated liquidity transfer order	Transfer of liquidity initiated by CLM sent to RTGS in order to transfer liquidity from the linked RTGS DCA (linked through the Associated Liquidity Transfer Account attribute) due a queued/pending CBO
Rule-based liquidity transfer order	Transfer of liquidity initiated by CLM towards an RTGS DCA or RTGS CB Account to be credited/debited or towards another MCA within the same Liquidity Transfer Group or a CLM <u>CB</u> Account <u>belonging to a CB</u> due to a floor and/or ceiling rule (configuration done in CRDM)
Standing order liquidity transfer order	Recurring transfer of liquidity processed every business day at certain business day events (configuration done in CRDM)

Table 834 - Liquidity transfer order types

[..]

Liquidity transfer type	Initiator	Use case	Push/Pull	Counterpart cash account in
Immediate liquidity transfer order	CLM Actor	Intra-service	Push or pull	CLM ³
		Inter-service	Push or pull ⁴	RTGS, TIPS, T2S
Automated liquidity transfer order	System (CLM)	Inter-service	Pull	RTGS
Rule-based liquidity transfer order		<u>Intra-service</u>	<u>Push or pull</u>	<u>CLM^x</u>
		Inter-service	Push or pull	RTGS
Standing order liquidity transfer order		Intra-service	Push	CLM ³
		Inter-service	Push	RTGS, TIPS, T2S

Table 935 - Liquidity transfer order directions

⁴ A CLM Account Holder can “pull” liquidity from RTGS DCAs, T2S DCAs or TIPS Accounts by entering an immediate liquidity transfer order via U2A only. Further details are provided in the CLM UHB, chapter “Enter current liquidity transfer order”.

Footnote: ^x In case of two MCAs involved, it is necessary to set up a Liquidity Transfer Group in advance.

[..]

Liquidity transfer orders are never queued in CLM, they are either:

- | earmarked (e.g. in case of blocking of a party);
- | settled immediately (fully or partially);
- | or rejected.

[..]

3441EUROSYSTEM UPDATE [ECB/TSWG review]: page 112 (CLM UDFS-chapter 5.4.2.2
Initiation of liquidity transfers)

Deletion of chapter as content is included in a previous chapter 5.4.2.1

~~Immediate liquidity transfer orders can be initiated via A2A (except pulling liquidity from DCAs and TIPS Accounts) or U2A by:~~

- ~~| a CLM Account Holder;~~
- ~~| another actor on behalf of the CLM Account Holder;~~
- ~~| a CB;~~

~~As regards the initiation of immediate liquidity transfers via A2A, the following messages need to be used:~~

Initiator	Use cases	Message Identifier
CLM Account Holder (or authorised CLM Actor)	<div><div> </div><div>Intra-service liquidity transfer order between two MCAs (within a defined Liquidity Transfer Group)</div><div> </div><div>Intra-service liquidity transfer order between an MCA and an overnight deposit account</div><div> </div><div>Intra-service liquidity transfer order between an MCA and a CLM CB Account</div><div> </div><div>Inter-service liquidity transfer order (push) from an MCA to an RTGS DCA, a T2S DCA, a TIPS Account, a CB account in the relevant settlement service or an RTGS sub-account</div></div>	LiquidityCreditTransfer (camt.050)
CLM CB Account Holder	<div><div> </div><div>Intra-service liquidity transfer order from a CB Account to an MCA</div><div> </div><div>Intra-service liquidity transfers between two CLM CB Accounts</div><div> </div><div>Inter-service liquidity transfer order (push) from a CB Account to an RTGS DCA, a T2S DCA, a TIPS Account, a CB account in the relevant settlement service or an RTGS sub-account</div></div>	LiquidityCreditTransfer (camt.050)

Table 1036 - Message types for initiation of liquidity transfer orders

Further details on the initiation of immediate liquidity transfers via U2A are provided in the CLM UHB.

3542EUROSYSTEM UPDATE [ECB/TSWG review]: page 114 (CLM UDFS-chapter 5.4.2.3 Execution of liquidity transfers)

Correct labelling of CLM CB Account Holder and adaption of cross-reference links.

As regards the execution of liquidity transfers in CLM the following principles apply:

Liquidity transfer type	Initiator	Frequency and trigger	Settlement
Immediate liquidity transfer	CLM (CB) Account Holder (or authorised CLM Actor)	Once immediately after the submission during the settlement window for liquidity transfer orders	Only settlement of the full amount is possible; otherwise it is immediately rejected.

[..]

Table 1137 - Execution of liquidity transfers

[..]

Detailed information regarding the initiation of liquidity transfer orders in U2A mode can be found in the CLM UHB, chapter "Enter current liquidity transfer order".

3643EUROSYSTEM UPDATE [internal review]: page 115 (CLM UDFS-chapter 5.4.2.4 Liquidity transfer process)

Correct labelling including correct format with reference to CRDM UDFS

[..]

In the following, some general process descriptions are provided. Further details on the processing of the different types of liquidity transfer orders are provided in chapters [Process CLM payment order and liquidity transfer order](#) [Error! Bookmark not defined.204], [Execute CLM standing order](#) [Error! Bookmark not defined.240], [Settle standing order in CLM](#) [Error! Bookmark not defined.244], [Perform standard CLM settlement](#) [Error! Bookmark not defined.244] and [Process automated liquidity transfer order with intermediate status](#) [Error! Bookmark not defined.226].

Information on the management of standing order liquidity transfer orders is provided in [the CRDM UDFS, chapter "Reference data maintenance processing steps"](#).

3744EUROSYSTEM UPDATE [internal review]: page 115 (CLM UDFS-chapter 5.4.2.4.1
Immediate inter-service liquidity transfer from a CLM Account to a dedicated account in a
different settlement service)

Correction of terminology

Headline change "Immediate inter-service liquidity transfer from a CLM (CB) Account to a dedicated
account in a different settlement service"

A CLM (CB) Account Holder can transfer liquidity from its MCA or CLM CB account to any RTGS DCA,
T2S DCA, TIPS Account, CB account in another settlement service or an RTGS sub-account.

[..]

Figure 124 - Example camt.050 inter-service liquidity transfer from MCA to RTGS DCA

Process description

Step	Processing in/between	Description
1	CLM Account Holder via ESMIG to CLM	A LiquidityCreditTransfer (camt.050) is sent from a CLM Account Holder via ESMIG to CLM.
2	CLM	Settlement on MCA (MCA and to dedicated transit account for RTGS in CLM
3	CLM to RTGS	A LiquidityCreditTransfer (camt.050) is forwarded to RTGS.
4	RTGS	Settlement on RTGS DCAs (dedicated transit account for CLM in RTGS and to RTGS DCA
5	RTGS via ESMIG to RTGS Account Holder	A BankToCustomerDebitCreditNotification (camt.054) (credit) is sent by RTGS via ESMIG to the RTGS Account Holder (optional).
6	RTGS to CLM	A Receipt (camt.025) generated in RTGS is sent to CLM.
7	CLM via ESMIG to CLM Account Holder	A Receipt (camt.025) is sent by CLM via ESMIG to the CLM Account Holder.

Table 1238 – Inter-service Lliquidity transfer from MCA to RTGS DCA

3845EUROSYSTEM UPDATE [internal review]: page 117 (CLM UDFS-chapter 5.4.2.4.2
Immediate intra-service liquidity transfer between two CLM Accounts)

Addition of footnote with reference to, figure alignment, table name alignment

[..]

It is also possible to transfer liquidity from a CLM CB Account or an overnight deposit account to an MCA and from an MCA to a CLM CB Account or an overnight deposit account^x.

Footnote: ^x If the creditor account is an overnight deposit account, the debtor account must be an MCA owned by the party linked to the overnight deposit account to be credited. If the debtor account is an overnight deposit account, the creditor account must be an MCA owned by the party linked to the overnight deposit account to be debited.

The following example shows a liquidity transfer between two MCAs; the message flow for the other use cases will be similar:

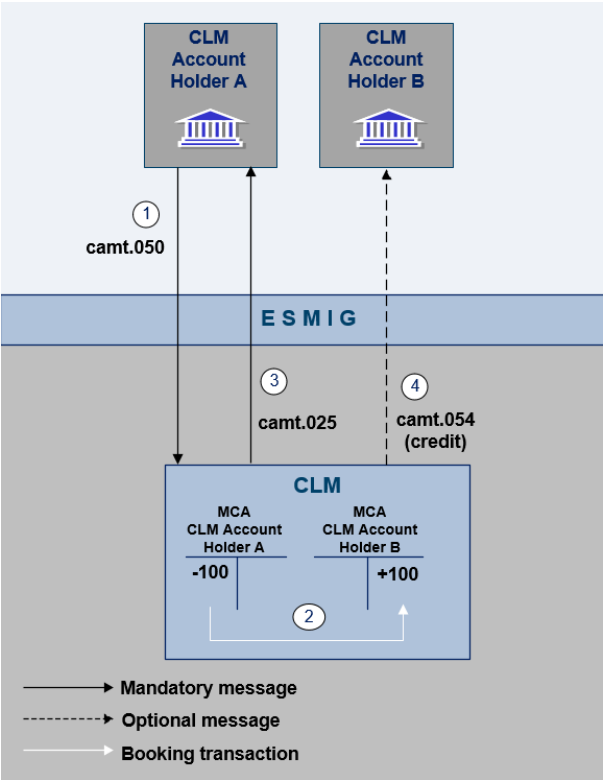


Figure 225 - Intra-service liquidity transfer order between two MCAs

[..]

Table 39 - Liquidity transfer intra-CLM Intra-service liquidity transfer order between two MCAs

[..]

3946EUROSYSTEM UPDATE [internal review]: page 119 (CLM UDFS-chapter 5.4.2.4.3 Immediate inter-service liquidity transfer between two dedicated accounts in different settlement services)

Figure and table name alignment, correction of account terminology

Figure 326 - Example of inter-service liquidity transfer between RTGS and T2S

Process description

Step	Processing in/between	Description
1	RTGS Account Holder via ESMIG to RTGS	A LiquidityCreditTransfer (camt.050) is sent from an RTGS Account Holder via ESMIG to RTGS.
2	RTGS	Settlement on RTGS-DCA (RTGS DCA and dedicated transit account for CLM in RTGS)
3	RTGS to CLM	A LiquidityCreditTransfer (camt.050) is forwarded to CLM.
4	CLM	Settlement on the dedicated transit technical accounts for RTGS in CLM (i.e. on and the dedicated transit accounts for T2S in CLM)
5	CLM to T2S	A LiquidityCreditTransfer (camt.050) is forwarded to T2S.
6	T2S	Settlement on the T2S-Accounts (dedicated transit account for CLM in T2S and to T2S DCA)
7	T2S via ESMIG to T2S Account Holder	A BankToCustomerDebitCreditNotification (camt.054) (credit) is sent by T2S via ESMIG to the T2S Account Holder (optional).
8	T2S to CLM	A Receipt (camt.025) generated in T2S is sent to CLM.
9	CLM to RTGS	CLM forwards the Receipt (camt.025) to RTGS.
10	RTGS via ESMIG to direct RTGS Account Holder	A Receipt (camt.025) is sent by RTGS via ESMIG to the RTGS Account Holder.

Table 1340 - Inter-service liquidity transfer between RTGS and T2S Liquidity transfer inter-service/component

4047EUROSYSTEM UPDATE [internal review]: page 121 (CLM UDFS-chapter 5.4.3.1 Automated liquidity transfer due to queued/pending CBO)

Correction of redundant information

[..]

In such a scenario any incoming liquidity (up to the required amount) on the RTGS DCA is transferred stepwise to the MCA in CLM until the original amount of the automated liquidity transfer order (i.e. the amount needed to settle the queued/pending CBO(s) or to execute the seizure of funds or to reduce the credit line in CLM) is completely settled ~~during the settlement window for liquidity transfer orders (see CLM RTS period (19:00 – 18:00 CET) (Error! Bookmark not defined.77)).~~ Further details on business day are provided in chapter Business day.

[..]

If the needed liquidity for settling all queued/pending CBOs changes ~~or to execute the seizure of funds or to reduce the credit line~~ (e.g. due to incoming liquidity) on the MCA is not available, CLM creates and sends a new automated liquidity transfer order to RTGS to pull liquidity from the linked RTGS DCA.

[..]

4448EUROSYSTEM UPDATE [internal review]: page 123 (CLM UDFS-chapter 5.4.3.2.2 Effect and tapping of liquidity reservation)

Consistency update for seizure of funds in respective footnote

41 Related to automated liquidity transfer due to queued/pending CBO ~~or seizure of funds~~ or credit line decrease

4249EUROSYSTEM UPDATE [internal review]: page 125 (CLM UDFS-chapter 5.4.3.3.1 Definition of floor/ceiling threshold)

Terminology alignment

[..]

This check verifies if the available liquidity on the MCA or ~~CLM~~ CB Account falls below the floor amount or exceeds the ceiling amount. Since this functionality is optional, it is up to the CLM Account Holder (or another actor acting on behalf of the MCA owner) ~~or CLM CB Account Holder~~ to define the floor/ceiling thresholds and target amounts in CRDM.

[..]

4350 EUROSISTEM UPDATE [internal review]: page 126 (CLM UDFS-chapter 5.4.3.3.2 Breach of floor/ceiling threshold - notification)

Addition of reference for broadcast section and adaption of cross-reference links.

If the CLM Account Holder chooses the first option, CLM generates and sends out a notification with the information that the available liquidity on the MCA is below the floor or that the available liquidity is above the ceiling respectively:

- I in A2A mode (via ReturnAccount (camt.004); [Process CLM floor and ceiling](#) [▶ [Error! Bookmark not defined.228](#)]);
- I in U2A a broadcast will be displayed as an alert (~~see CLM UHB~~ and see chapter Broadcasts).

[..]

4451 EUROSISTEM UPDATE [internal review]: page 127f (CLM UDFS-chapter 5.4.3.3.3 Breach of floor/ceiling threshold – rule-based liquidity transfer)

Clarification on minimum interest payments

[..]

- If the available liquidity on the RTGS ~~DCA or RTGS CB A~~account is not sufficient, the liquidity transfer is partially settled in RTGS. No further settlement attempt takes place.
- I in case of a breach of the ceiling threshold, a certain amount is pushed to the RTGS DCA or RTGS CB Account and debited on the MCA or CLM CB Account in CLM:

[..]

- I in case of a breach of the floor threshold, a certain amount is pulled from another MCA within the same Liquidity Transfer Group or a CLM CB Account and credited on the MCA or CLM CB Account subject to the floor configuration:
 - the MCA or CLM CB Account to be debited is predefined as the “Account to be debited for floor breach” as defined in CRDM;
 - the amount to be transferred is the difference between the currently available liquidity on the MCA or CLM CB Account subject to the floor and the predefined target amount;
 - the target amount can be either equal or above the floor amount;
 - if the available liquidity on the MCA or CLM CB Account to be debited is not sufficient, the liquidity transfer is partially settled in CLM. No further settlement attempt takes place.
- I in case of a breach of the ceiling threshold, a certain amount is pushed to another MCA within the same Liquidity Transfer Group or CB Account and debited to the MCA or CLM CB Account subject to the ceiling configuration:

- the MCA or [CLM](#) CB Account to be credited is predefined as the “Account to be credited for ceiling breach” in CRDM;
- the amount to be transferred to the MCA or [CLM](#) CB Account to be credited is the difference between the currently available liquidity on the MCA or [CLM](#) CB Account subject to the ceiling and the predefined target amount;

[..]

Note: A ceiling breach does not trigger a liquidity transfer as long as a pending credit line modification, a pending seizure of funds reservation, a pending CBO reservation or a queued payment order exists for the MCA or CLM CB [AmountAccount](#) (see chapter 5.3.8.1 Effective settlement order).

[..]

After the successful execution of either an inter-service or an intra-service liquidity transfer, the available liquidity on the MCA or [CLM](#) CB Account is within the boundaries of the floor or ceiling amount again.

[..]

4552EUROSYSTEM UPDATE [\[ECB/TSWG review\]](#): page 129 (CLM UDFS-chapter 5.5.1 Overview)

Clarification on TIPS Account and usage of reference data. Adaption of cross-reference links.

[..]

At the end of the maintenance period, the CB verifies the minimum reserve fulfilment and pays interest on their minimum reserve holdings – the interest rate is equivalent to the average of the marginal interest rate of the main refinancing operation (MRO) conducted during the reserve maintenance period (can also have zero value). [CLM uses the rates defined in CRDM and propagated for the respective business day.](#)

[..]

More information on the set up for minimum reserve management and interest calculation can be found in chapter [Static data configuration for minimum reserve management and interest calculation](#) [\[Error! Bookmark not defined.\]](#) and in the CRDM UDFS, chapter "[Configuration parameters > Minimum Reserve Configuration](#)".

Direct holding of minimum reserves

Institutions may be required to hold deposits on accounts with their CB. These deposits are called "minimum" or "required" reserves. A party shall hold its minimum reserves on one or more reserve accounts (MCA(s) and/or DCA(s) [and/or TIPS Account\(s\)](#)) with the respective CB.

Note: The institution needs to define a leading CLM Account Holder. Details are provided in CRDM UDFS, chapter "*Description of the entities > Reserve Management Account Configuration*".

[..]

Cash accounts held by an institution which holds its minimum reserve indirectly ~~may be~~ are not considered ~~in the context for the fulfilment of minimum reserve-related interest calculations or~~ ~~but may nevertheless~~ be subject to (possibly negative) interest due to other purposes depending on the configuration in CRDM.

[..]

The balances of all cash accounts belonging to a pool are ~~also~~ considered for the calculation of the excess reserves ~~but only the leader's MCA is to be debited in case of negative interest~~ as well as in case of an infringement penalty. The latter takes place only once it has been validated by the relevant CB.

[..]

Holding of minimum reserves in a pool of reserve accounts

[..]

It is not possible for a single CLM Account Holder to have access to both functions "pool of reserve accounts of different parties" and "Indirect holding of minimum reserves through a leading CLM Account Holder" at the same time ~~(which does not exclude that they act as intermediary for other MFIs holding their minimum reserves indirectly).~~

[..]

53 EUROSISTEM UPDATE [TSWG comment by BdE, ID1=15]: page 138 (CLM UDFS-chapter 5.5.5 Generate payment orders)

Change of term "exemption" to "remuneration"
--

[...]

- Payment orders for excess reserves: based on the interest calculation, CLM creates the related payment orders for excess reserve (different payment orders for the interests on excess reserve exemption amount and excess reserve exemption remuneration amount). In case of an interest rate of 0.00 % no payment order is created.

4654EUROSYSTEM UPDATE [[ECB/TSWG review](#)]: page 135ff (CLM UDFS-chapter 5.6.1 Overnight deposit)

Clarification on minimum interest payments and adaption of cross-reference links.

CLM triggers automatically the following cash transfer orders:

[..]

The set-up and reversal of an overnight deposit can be initiated by:

- | an overnight deposit or reverse transaction request sent by the CB, the party owning the linked MCA linked to the account the co-manager of the account linked to the party in A2A using a liquidity transfer order;
- | manual input via U2A screen by the CB, the party owning the linked MCA linked to the account the co-manager of the account linked to the party.

[..]

- | in case of a negative interest rate, a payment order for interest payments to be paid by the CLM Account Holders, i.e. to be debited on the CLM Account Holder's default MCA;
- | in case the calculation of the interests related to overnight deposit result in an amount which is lower than 0,005 EUR (e.g. 0,0002 EUR) no payment order for interest payments is created. CLM only credits/debits an interest amount of 0,01 EUR, if the amount of the interest calculated is equal or higher than 0,005 EUR and lower than 0,015 EUR.
- | In case of an interest rate of 0.00 % no payment order is created.

[..]

Details on the handling via U2A are provided in the CLM UHB, chapter "Enter overnight deposit".

[...]

The respective CB has the possibility to check the calculated interest and to revoke ~~cancel~~ the warehoused payment in case the calculation is not correct.

4755EUROSYSTEM UPDATE [[internal review](#)]: page 136f. (CLM UDFS-chapter 5.6.2.2 Before launch of ECMS)

Correction of typo and adaption of cross-reference links.

[..]

In general, the message flow is the same as for any other intra-service liquidity transfer with debit on the dedicated marginal lending account and credit on the linked ~~D~~default MCA, please see chapter [Immediate intra-service liquidity transfer between two CLM Accounts](#).

[..]

Details on the handling via U2A are provided in the CLM UHB.

4856 EUROSISTEM UPDATE [internal review]: page 137 (CLM UDFS-chapter 5.6.2.3 After launch of ECMS)

Clarification on handling with ECMS

[..]

A request for marginal lending is initiated by a CLM Account Holder (or an authorised sender or NCB user acting on behalf of the CLM Account Holder) in ECMS. ECMS validates the request, performs certain checks e.g. regarding collateral. If these checks are performed successfully, ECMS sends a payment order for the set-up (disbursement) of marginal lending on request. This payment order is settled on the default MCA defined by the CLM Account Holder's ~~MCA~~ (credit entry) and the NCB's CB Account (debit entry) in CLM and then confirmed to ECMS.

On the next business day uUpon successful completion of certain checks, ECMS sends a payment order for the **reimbursement of the capital amount and interest** of the accessed marginal lending on request to CLM. ECMS calculates the accrued interest based on the applicable marginal lending rate. Owing to netting of capital amounts and/or interest within ECMS,

- I the amount(s) of the payment order(s) may deviate from the capital amount and interest for that operation and
- I the (optional) BankToCustomerDebitCreditNotification (camt.054) sent to the CLM (CB) Account Holder cannot provide detailed information on the business case(s) settled.

Hence, the (optional) debit notification sent to the CLM Account Holder cannot provide detailed information on the business case(s) settled.

4957 [..] EUROSISTEM UPDATE [internal review]: page 139 (CLM UDFS-chapter 5.6.3.1 Overview - 5.6.3 Automatic marginal lending)

Correction of typos

An overall negative balance on the MCA of a CLM Account Holder after the event Table 20 - CB cut-off for marginal lending on request **Error! Bookmark not defined.** shall automatically be considered as a request by this CLM Account Holder for recourse to the marginal lending facility.

[..]

In case an intraday credit cannot be transferred into an overnight credit due to the fact that a CLM Account Holder is not allowed to access the marginal lending facility, a spill-over notification is sent to the responsible CB.

5058[...]EUROSYSTEM UPDATE [internal review]: page 139 (CLM UDFS-chapter 5.6.3.2 Before launch of ECMS - 5.6.3 Automatic marginal lending)

Correction of typos

[..]

The payment order for the reimbursement of the automatic marginal lending is created and settled automatically by CLM on the following business day at the beginning of the Table 16 - [settlement window for CBOs](#) | [Error! Bookmark not defined.](#)⁷⁸. The payment linked to the reimbursement of an automatic marginal lending leads to a debit entry on the CLM Account Holder's MCA and a credit entry on the dedicated marginal lending account of the responsible CB in CLM. Simultaneously, this ~~C~~connected ~~P~~payment leads to a concurrent update (increase) of the CLM Account Holder's credit line on the MCA.

[..]

5459EUROSYSTEM UPDATE [internal review]: page 139 (CLM UDFS-chapter 5.6.3.3 After launch of ECMS)

Communication is foreseen at automatic marginal lending settlement; no additional communication at reimbursement and correction of typo

Note: After the launch of the ECMS; marginal lending is settled on CB accounts in CLM without the use of dedicated marginal lending accounts.

[..]

All such payment orders as well as the open market operations within the responsibility of one NCB are settled on the counterparties' MCAs and an account of the responsible CB in CLM. The settlement ~~and reimbursement~~ of automatic marginal lending are communicated by CLM to ECMS and ECMS is responsible for generating the interest payments that will be processed by CLM. For the payment of interest, ~~after receiving a confirmation of the reimbursement from CLM,~~ ECMS creates a regular or connected payment using the relevant marginal lending interest rate. The interest amount can be subject to netting by ECMS.

[..]

5260 EUROSISTEM UPDATE [internal review]: page 140 (CLM UDFS-chapter 5.7.1.2 Overview)

Correction in terminology

[..]

Since each object in CLM can be subject to several processes, each object in CLM may have several statuses. However, each of these statuses has one single value at a certain moment in time that indicates the object's situation at the considered moment. Depending on its object type, an object is submitted to different processes in CLM. Consequently, the status featuring each object depends on the considered object type.

The following chapters provide:

- | The generic principles for the communication of statuses and reason codes to CLM Actors.
- | The list of statuses featuring each object type as well as the possible values for each of these statuses.

[..]

5361 EUROSISTEM UPDATE [internal review]: page 141 (CLM UDFS-chapter 5.7.1.3.1 Status communication and types)

Correction in terminology

CLM Actors can query the status values and reason codes of the objects linked to their instructions (e.g. cash transfers, tasks, ~~reference data updates~~) during the day.

[..]

Statuses and status values in CLM

As previously mentioned, the statuses of an instruction depend on the considered instruction type. The following paragraphs provide the list of statuses and status values. None of the statuses are stored for processing of queries.

Further details on the Unified Modelling Language (UML) conventions can be found in chapter

[Processes with CLM](#) [p. 191].

CLM statuses are:

| CLM file statuses;

| CLM message statuses;

| cash transfer statuses;

| task queue statuses.

5462EUROSYSTEM UPDATE [internal review]: page 141-142 (CLM UDFS-chapter 5.7.1.3.2 CLM file statuses)

Correction in terminology

5.7.1.3.2 CLM file statuses

CLM file statuses indicate the status of the file in CLM. There are the following statuses:

[..]

Table 43 - CLM inbound file statuses

5563EUROSYSTEM UPDATE [internal review]: page 142 (CLM UDFS-chapter 5.7.1.3.3 CLM message statuses)

Correction in terminology

5.7.1.3.3 CLM message statuses

CLM message statuses indicate the status of the message in CLM. They are the following statuses:

[..]

Table 144 - CLM message statuses

5664EUROSYSTEM UPDATE [internal review]: page 145-146 (CLM UDFS-chapter 5.7.1.3.4 Cash transfer statuses);

Clarification on cash transfer status earmarked, partially related to CR0035, Correction in terminology

5.7.1.3.4 Cash transfer statuses

[..]

Status value	Definition	Transition possible to status	Intermediate/final status	Reported via status notification to the sender
Warehoused	Status of a cash transfer order with a value date of a future business day and status of a cash transfer order with the value date of the current business day until it is forwarded to the processing at the start of the business day - from then on they are processed normally. To this cash transfer status a time stamp is stored.	Earmarked, partially settled, queued, revoked, rejected, settled	Intermediate	-
Earmarked	Status of a cash transfer order which is ready for settlement but not taken into account for various reasons. The following scenarios are summarised in this status: <ul style="list-style-type: none"> pending start of settlement; accounting stopped due to earliest debit time indicator; due to parking on cash transfer level; accounting stopped due to blocking; pending decision on blocking; waiting for end of cycle. 	Queued, partially settled, revoked, rejected, settled	Intermediate	-
Queued	Status of a cash transfer order which is ready for settlement, but whose first settlement attempt was unsuccessful. Queued cash transfers are waiting for the next settlement attempt. To this cash transfer status a time stamp is stored.	Earmarked, partially settled, revoked, rejected, settled	Intermediate	-
...				

Table 1545 - Cash transfer statuses

5765EUROSYSTEM UPDATE [internal review]: page 146-150 (CLM UDFS-chapter 5.7.1.3.5 Task queue order statuses)

Correction in terminology

5.7.1.3.5 Task queue order statuses

[..]

Table 46 - Task queue order statuses

5866EUROSYSTEM UPDATE [internal review]: page 151 (CLM UDFS-chapter 5.7.2.1 Concept (CLM report generation))

CLM repository is not subject to CLM reporting but CRDM feature. Respective hint is provided with link to the respective CRDM data.

~~Moreover a CLM Repository will be created each business day (at 17:00) in order to provide routing information for central banks. More details can be found in CRDM UDFS, chapter "CLM Repository".~~

5967EUROSYSTEM UPDATE [internal review]: page 151 (CLM UDFS-chapter 5.7.2.2 Overview (CLM report generation))

Correction of typo

Report~~s~~ configuration and message subscription for notifications are different functionalities, i.e. no message subscription reference data is needed in case the report should be created and sent (lat~~ter~~ in case of push mode).

6068EUROSYSTEM UPDATE [ECB/TSWG review]: page 152 (CLM UDFS-chapter 5.7.2.3 Report generation process)

Deletion of misleading terminology; correction of chapter reference with link to CR62 update, validity dates are only relevant for CRDM as RTGS only uses propagated configuration. <u>Adaption of cross-reference links.</u>

Preconditions for report creation

In order to avoid unnecessary processing and storage CLM does not create reports automatically. To initiate the creation of a report, the report receiver has to configure the report in advance. The configuration is done via the [CRDM](#) GUI for the reference data, which is described in the [CRDM](#) UHB, chapter "[Create a New Report Configuration](#)".

This configuration is stored as reference data and is valid until the "valid to" date stored within the report configuration is reached. CLM uses the report configuration defined in CRDM and propagated for the respective business day.

[..]

Availability of the report in CLM

A generated report is available for download query until it is replaced by a new version of it, i.e. a report that is created at the EoD of the current business day replaces the report that was created at the EoD of the previous business day. The replaced report is no longer available for download query in CLM. In A2A mode CLM pushes the specific report, provided that the push preference for the report is stored for the respective recipient in reference data (i.e. report configuration). The message is sent out based on the routing information stored for the CLM Actor. Alternatively the report is just stored after generation and can be downloaded queried queried in pull mode.

[..]

Parameters for the set-up of a report

The following parameters are created and updated by the CRDM Actor (see Table Report Configuration CRDM UDFS, chapter "*Report Configuration - New*" and chapter "*Report configuration*") for the set-up of a report configuration:

Parameter	Mandatory/optional	Possible values	Further information
Report type	Mandatory	Statement of accounts	
Concerned account	Mandatory	Cash Account	
Possible recipient of a report	Mandatory	CLM Actor	
Communication channel	Mandatory	Push mode, pull mode	
Valid from	Optional	Date	If not stated, the next business date shall be used by default.
Valid to	Optional	Date	The field „Valid To“ is the only field that can be amended after the report configuration has been stored.

Table 1648 - Parameters for the set-up of a report

[..]

Possible recipients of a report

As outlined in chapter 2.5 of the CLM UDFS Communication between CLM and CLM Actors [▶ Error! Bookmark not defined.36], for reports each party can define through a conditional routing exactly one PTA deviating from the default routing the message shall be sent to.

[..]

For information about the set-up of a report configuration for a specific concerned report recipient, see [CRDM UHB, chapter "Create a New Report Configuration"](#) ~~chapters-related-to-report-configuration-set-up.~~

6469 EUROSISTEM UPDATE [ECB/TSWG review]: page 154 (CLM UDFS-chapter 5.7.3.2 Overview for CLM)

Addition of footnote on timeout management, Adaption of cross-reference links.
--

[..]

In case ESMIG is available and the network interface is not closed, an A2A query request during maintenance window is handled by using timeout management.^x

Footnote: ^x [Timeout handling and the switch from store-n-forward message-based to store-n-forward file-based is handled in ESMIG. Respective details are provided in the ESMIG UDFS, chapter "Timeout and oversized management".](#)

6270 EUROSISTEM UPDATE [internal review]: page 154 (CLM UDFS-chapter 5.7.3.3 Query management process for CLM)

Alignment with other sections Adaption of cross-reference links.
--

[..]

Query request and return criteria are described in detail in [the CLM UHB for U2A mode, chapter "Screen User Guide - Description of Use Cases"](#).

[..]

6371 EUROSISTEM UPDATE [internal review]: page 156 (CLM UDFS-chapter 5.7.4 Broadcasts)

Clarification on message which is relevant for broadcast
--

Broadcasts are information messages that CLM simultaneously provides to users in [UA2A](#) and [AU2A](#) – the latter, when the user has opted for A2A broadcasts. Broadcasts are either settlement-related or operations-related.

[..]

A2A broadcasts are system-generated messages which CLM sends independently from an account. CLM sends an A2A broadcast [via SystemEventNotification \(admi.004\)](#) to the broadcast subscribing party based on the defined routing configuration for notifications being not a response to an instruction, but

belonging to a business case triggered by an instruction (see chapter [Communication between CLM and CLM Actors](#) [[Error! Bookmark not defined.](#)36]).

6472EUROSYSTEM UPDATE [internal review]: page 156 (CLM UDFS-chapter 5.7.4.1 Settlement-related broadcasts)

Clarification on message which is relevant for broadcast

[..]

Business case	U2A availability	A2A availability	Linked business description	Linked process description
Latest debit time warning (RejectTime)	Yes	Yes	Definition of execution time [Error! Bookmark not defined. 95]	Initiate CLM reject time broadcast [Error! Bookmark not defined. 234] Process CLM reject time broadcast [Error! Bookmark not defined. 232]
Floor notification	Yes	No ^{x1}	Breach of floor/ceiling threshold - notification	Process CLM floor and ceiling
Ceiling notification	Yes	No ^{x2}	Breach of floor/ceiling threshold - notification	Process CLM floor and ceiling

Table 1750 - Settlement-related broadcasts in CLM

Footnote: ^{x1} Respective A2A notification is provided via ReturnAccount (camt.004). Thus no A2A broadcast is foreseen.

Footnote: ^{x2} Respective A2A notification is provided via ReturnAccount (camt.004). Thus no A2A broadcast is foreseen.

[..]

6573EUROSYSTEM UPDATE [internal review]: page 157-158 (CLM UDFS-chapter 5.9 Impact of blocking on the processing of cash transfer orders)

Clarification on accounts

A CB can block a party as a whole or individual cash accounts. Details on the blocking of a party are provided in chapter [Blocking/unblocking party](#) [▶ [Error! Bookmark not defined.](#)⁴⁴] and details on the blocking of a cash account are provided in chapter [Blocking/unblocking account](#) [▶ [Error! Bookmark not defined.](#)⁵⁶].

Depending on the option chosen by the responsible CB, a cash account^x is blocked for:

[..]

- ▶ New cash transfer orders received in CLM which shall settle on the blocked [MCA cash account](#) are stored for confirmation by the CB.

[..]

- ▶ Warehoused payment orders need to be confirmed by the responsible CB on the intended settlement day before they can run through the entry disposition. As soon as an MCA is blocked, no standing order liquidity transfer orders are generated anymore debiting the blocked [MCA cash account](#) .

[..]

In case an [MCA cash account](#) is either blocked for debits or for credits only, in principle the same processing as described above does apply - but only for the relevant cash transfer orders (i.e. either debits only or credits only).

In case of unblocking, the [MCA cash account](#) is set to unblocked status again. Consequently, all affected earmarked cash transfer orders are considered for further processing (i.e. an explicit confirmation by the responsible CB is no longer needed).

Footnote: ^x [In case of blocking of a party all cash accounts of the party are handled accordingly.](#)

6674EUROSYSTEM UPDATE [internal review]: page 159 (CLM UDFS-chapter 5.10 Subscription for a debit or credit notification)

Typo correction with link to CR 62

[..]

LIPU	Immediate LT – i Inter-service pull (via CLM GUI)
------	---

Table 52 - Business case description
[..]

675 EUROSISTEM UPDATE [internal review]: page 161 (CLM UDFS-chapter 6 Overview of used common components in CLM)

Alignment with chapter 6.2.1

Data from the current business day from T2 (i.e. CLM and RTGS) and T2S is available in DWH component as of the next **business calendar** day.

686 EUROSISTEM UPDATE [ECB/TSWG review]: page 162 (CLM UDFS-chapter 6.1 CRDM)

Addition of reference to CRDM UDFS

Duly authorised users can create and maintain common reference data objects in CRDM submitting common reference data maintenance instructions.

[Further details on CRDM can be found in the CRDM UDFS.](#)

697 EUROSISTEM UPDATE [ECB/TSWG review]: page 163f.4 (CLM UDFS-chapter 6.2.1 Functional overview - 6.2 Data Warehouse)

Addition of reference to DWH UDFSAdaption of cross-reference links.

[...]

Both communication modes (A2A and U2A) are available for the DWH via ESMIG. With the A2A interface, DWH users can receive (predefined) reports on the basis of a prior configuration (in U2A mode). For detailed information on the DWH communication in A2A mode and the configuration to receive (predefined) reports, see the DWH UDFS, chapter "Overview > DWH communication" documentation (UDFS and UHB).

[...]

The data access/scope within the DWH depends on which settlement services/components are used by a system entity/party. For CLM users the DWH is available for CBs, payment banks and AS. Authorised DWH users can access their data according to their access rights and their own data scope.

[Further details on DWH can be found in the DWH UDFS.](#)

7078EUROSYSTEM UPDATE [internal review]: page 165 (CLM UDFS-chapter 6.3 Billing)

Addition of reference to Billing UDFS, deletion of redundant information and wrong link to CSD

The Billing common component provides the functionalities for the aggregation of the daily billable items, its enrichment into invoice data and the centralised creation and management of invoices for all the TARGET Services.

The involved actors and their relevant activities are:

- | ...
- | the ECB actor manages the invoices to be issued to the ~~CSDs and~~ CBs – including the possibilities to insert manual corrections at system entity level;
- | ~~the CSDs actor receives via A2A their invoices and can access via U2A to the Billing in order to view and/or download their invoices in PDF format;~~
- | the CB actor can:
 -
 - optionally configure direct debiting (~~i.e. automated sending of a payment order for the amount of the invoice~~) for the payments of its participants’ invoices.
- | each CB Participant can, if configured by the relevant CB, receive its invoices via A2A and receive a direct debit on its account in order to pay the fees.

Further details on Billing can be found in the Billing UDFS.

7479EUROSYSTEM UPDATE [internal review]: page 167 (CLM UDFS-chapter 6.5 ESMIG)

Addition of reference to ESMIG UDFS

- | forward the message to TARGET Services, common components and applications along with the technical sender’s DN.

Further details on ESMIG can be found in the ESMIG UDFS.

7280EUROSYSTEM UPDATE [internal review]: page 168 (CLM UDFS-chapter 6.6 Business Day Management)

Addition of reference to BDM UDFS

Figure 434 – BDM

Further details on BDM can be found in the BDM UDFS.

7381EUROSYSTEM UPDATE [ECB/TSWG review]: page 168-169 (CLM UDFS-chapter 6.7 Contingency Services)

Consistency update and adaption of cross-reference links, edition of reference to ECONS-II UDFS

[..]

Contingency settlement supports an AS settlement procedure A with the restrictions as described in the ECONS II UDFS, chapter "Settlement of AS Transaction files". ~~eg. upload of AS files by a CB on behalf of Ancillary System in A2A mode. Ancillary systems and their CB and settlement banks have to come to a common agreement on how to set up the AS transfer orders in the contingency case.~~

[..]

ECONS-II for T2 is i) connected to the common components (ESMIG, CRDM, LEA), and ii) technologically diverse from the main T2 Services. The contingency settlement has its own fully segregated ESMIG components.

Further details on ECONS-II can be found in the ECONS-II UDFS.

7482EUROSYSTEM UPDATE [internal review]: page 170 (CLM UDFS-chapter 7.2 Business and operations monitoring)

Correction of typo

[..]

The monitoring is a prominent task of the Operator Service Desk who monitors the TARGET Service infrastructure, the specific components and the common components continuously, thus allowing an immediate detection of possible deviations from the standard behaviour~~s~~.

[..]

7583EUROSYSTEM UPDATE [internal review]: page 172 (CLM UDFS-chapter 8.1 Role of CBs in CLM)

Terminology alignment with reference to CR62

[..]

Administrative tasks	Operational tasks
Reference data set-up and maintenance in CRDM	All contacts and provision of any kind of support to their CLM Account Holders
....	

Table 1853 - Tasks of the CBs

[..]

Note: Eurosystem **National** Central Banks can use different accounts for different types of interest: CB accounts for standing facilities interests, CB accounts for minimum reserve interests and penalties and CB accounts for other interests.

7684EUROSYSTEM UPDATE [\[ECB/TSWG review\]](#): page 174 (CLM UDFS-chapter 8.2.2 Central bank operations)

Alignment with other chapters and alignment with CRDM

Also credit transfers ~~and direct debits (with direct debit mandate)~~ between two different CBs are possible (e.g. Inter-CB payments).

[..]

Payment orders can be initiated by the CB in A2A mode.

[A CLM Repository is available for the CBs containing CLM MCA information to support the initiation of CBOs by a CB. Further details can be found in the CRDM UDFS chapter "CLM Repository".](#)

[..]

85EUROSYSTEM UPDATE UPDATE [\[Internal review\]](#): page 175 (CLM UDFS-chapter 8.2.3 Seizure of funds)

Adaption of cross-reference links.

[...]

Further details on the U2A functionality will be provided in the CLM UHB, chapter "[Liquidity Management Features on Seizure of funds \(reservations\)](#)".

86 EUROSISTEM UPDATE [SDD-CN-PBR-027]: page 174 (CLM UDFS-chapter 8.2.3**Seizure of funds)**

Code 'BLKD' to be added to camt.049 in CLM "for seizure of funds reservation deletion". Delete U2A restriction in the chapter.

[..]

Based on court decision(s), a CB might be obliged to reserve liquidity on the MCA of a CLM Account Holder dedicated for seizure. CLM offers standardised U2A functionality to handle the blocking of a certain amount of liquidity on the MCA in case of seizure."

[..] "The seized amount can also be modified or completely released by the CB via the standardised U2A functionality, once it has been set up.

87 EUROSISTEM UPDATE [ECB/TSWG reviewinternal review]: page 185 (CLM UDFS-chapter 8.3.1 Credit line modifications)

Clarification on fixed amount credit line change in order to align UHB and UDFS based on TSWG comment

[..]

Two types of orders for modifying a credit line exist:

I fixed amount credit line orders containing the new value of the credit in absolute figure (which can only be a positive amount or zero);

I delta amount credit line orders containing the delta between the new and the old credit line value.

[..]

7788 EUROSISTEM UPDATE [internal review]: page 184f.5 (CLM UDFS-chapter 8.6 Query management - CB specific queries)

Addition of link to process description and adaption of cross-reference links.

[..]

As regards queries in A2A, details are provided in [chapter Send CLM query](#). in the message specifications in following chapters and on MyStandards.

[..]

As regards the queries in U2A, further details on search parameters and query results are provided in the CLM UHB, chapter "Monitoring".

89 EUROSYSTEM UPDATE [internal review]: page 186 (CLM UDFS-chapter 8.7 Business/liquidity monitoring for CBs)

Adaption of cross-reference links.

[..]

Further details on the information available for monitoring are provided in the CLM UHB, chapter "*Monitoring*".

90 EUROSYSTEM UPDATE [internal review]: page 186 (CLM UDFS-chapter 8.8.1 Maintain minimum reserve requirement)

Adaption of cross-reference links.

[..]

Details on the processing via U2A are provided in the CLM UHB, chapter "*Minimum Reserves*".

91 EUROSYSTEM UPDATE [ECB/TSWG review]: page 184 (CLM UDFS-chapter 8.11 Contingency settlement - ECONSII)

the following sentence, the stricked through part was not deleted in the CLM UDFS as suggested by CR62 page 224, change number 115.

[...]

"After the contingency session is closed (ECONSII closing day), the balances remaining on the Contingency Accounts in ECONSII are transferred to CLM. ECONSII sends these balances via (a) modified "General ledger"/BankToCustomerStatement" message(s) (camt.053) (one for each currency)-a file transfer from ECONSII to CLM".

7892 EUROSYSTEM UPDATE [ECB/TSWG review]: page 189 (CLM UDFS-chapter 8.11 Contingency settlement - ECONSII)

Addition of ISO message reference with link to CR62, clarification on prolonged outage

[..]

After the processing of the "General ledger"/BankToCustomerStatement (camt.053) message in CLM is ECONSII closed:

[..]

Figure 538 - Interaction between ECONSII and CLM during a disturbance in CLM/RTGS

In the specific case where CLM is back-available again after a prolonged outage (i.e. an outage lasting for more than one business day), CLM will initially resume operations with the incident business day (e.g. day BD 1).
As a prerequisite for CLM to catch up with the business day which ECONSII has already achieved reached (e.g. BD 5), the transit account balances in CLM need to be aligned using agreed operational procedures. Only thereafter, the CLM incident business day (day BD 1) can be closed and CLM opened for the business day which ECONSII has already achieved-reached (BD 5). Once this alignment in business days has taken place, ECONSII can be closed and the related balances transferred to CLM.

7993EUROSYSTEM UPDATE [ECB/TSWG review]: page 190 (CLM UDFS-chapter 8.12 Contingency upload of A2A files and messages in U2A)

Alignment with other chapters

This procedure enables ~~central-banks~~ CBs to forward messages (except for queries) or files to CLM in case their participants' connection to the NSP is interrupted or the provider has problems to process messages/files

[..]

Both users need the respective privilege "U2A Upload A2A File or message in U2A" as described in the CRDM UDFS, chapter "Privileges" in the table "CLM functions" and in the CLM UHB, chapter "List of Privileges" ~~chapter „Privilege”~~.

8094EUROSYSTEM UPDATE [internal review]: page 198-200 (CLM UDFS-chapter 9.3.1 Description - 9.3 Process CLM payment order and liquidity transfer order)

Clarification on not parked processing

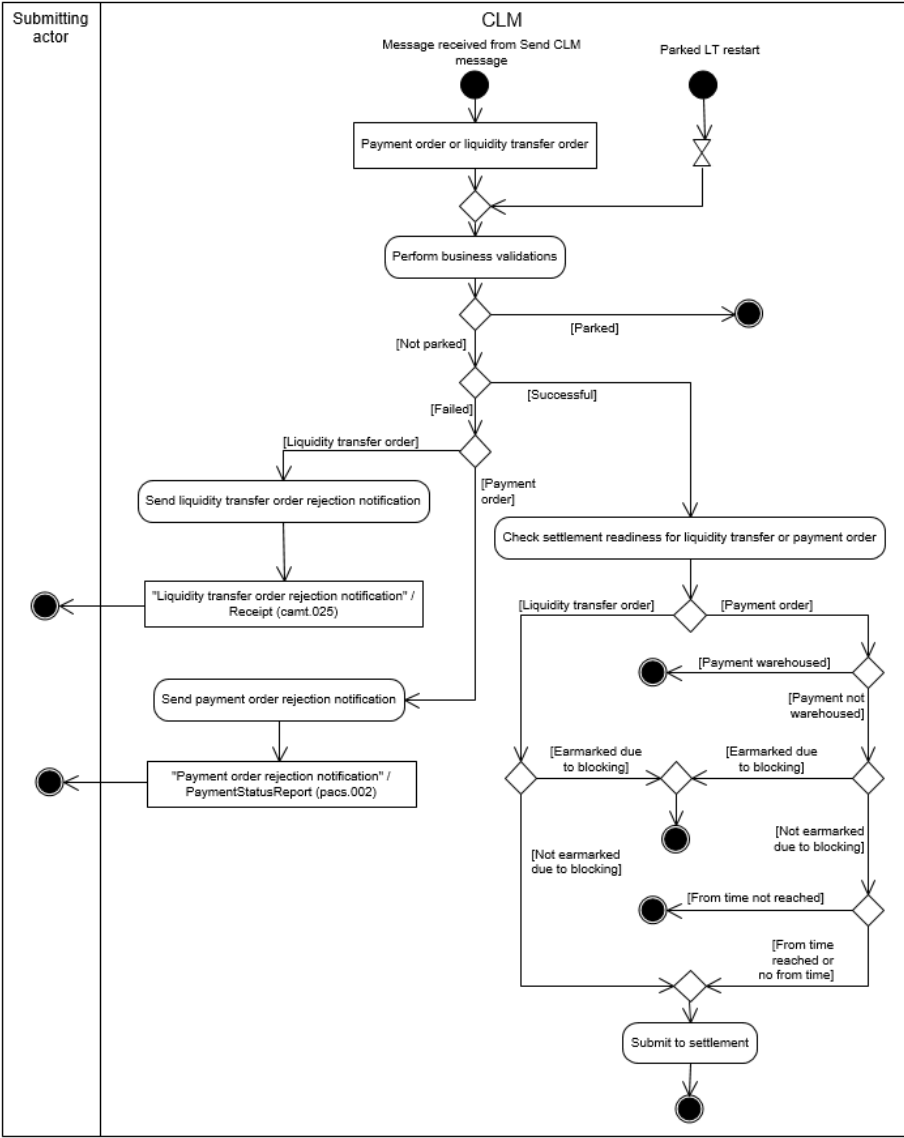


Figure 643 - Process CLM payment order and liquidity transfer order

[..]

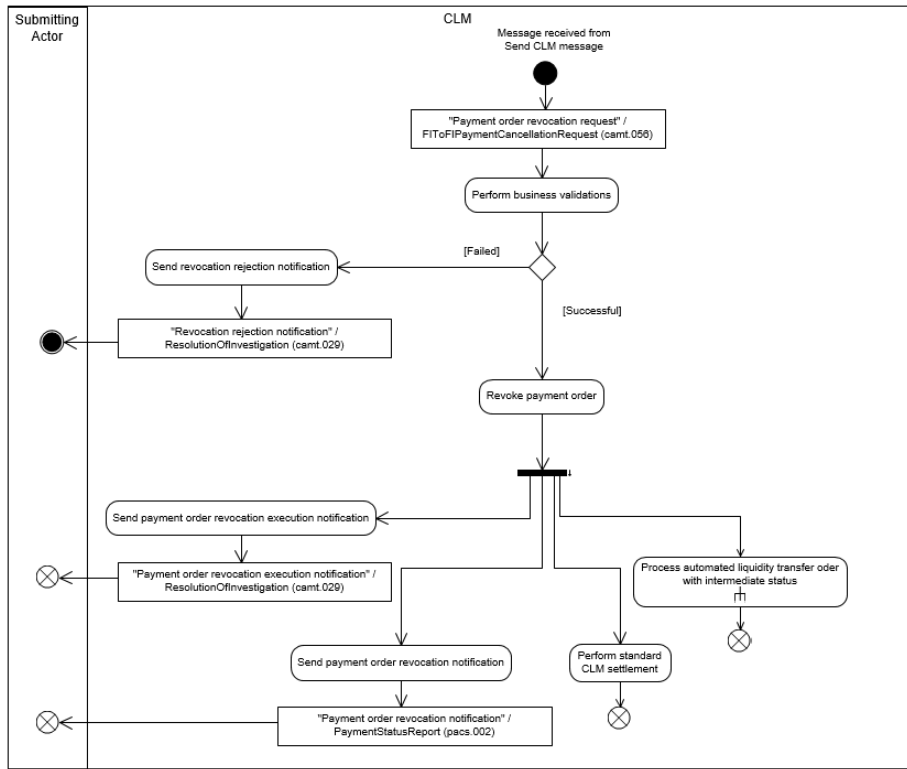
If the blocking check described in chapters Blocking/unblocking party and Blocking/unblocking account results in blocking of the payment order or liquidity transfer order, the processing step sets it to **“Earmarkedearmarked”**. If the from time is not reached yet, then the processing step sets the payment order to “earmarked”.

[..]

8495EUROSYSTEM UPDATE [internal review]: page 202 (CLM UDFS-chapter 9.4.1
Description - 9.4 Perform CLM payment order revocation)

Missing final node and typo

[..]



[..]

Revoke payment order

The process step revokes the payment order and subsequently triggers in parallel the processing steps “Send payment order revocation execution notification”, “Send payment order revocation notification” and the sub-processes [Process automated liquidity transfer order with intermediate status](#) [▶ [Error! Bookmark not defined.](#)²²⁶] and resolve queue from [Perform standard CLM settlement](#) [▶ [Error! Bookmark not defined.](#)²⁴⁴]. The standardized sub-process “Process automated liquidity transfer order with intermediate status” starts with a check if an automated liquidity transfer order exists, followed by a check on the needed liquidity for pending/queued CBOs before processing.

[..]

8296EUROSYSTEM UPDATE [internal review]: page 216 (CLM UDFS-chapter 9.6.1 Description 9.6 Settle standing order in CLM)

Description on not settled inter-service liquidity transfer added

[..]

Based on the settlement result received from the target settlement service, the processing continues as follows:

- **[Settled]** – If the respective settlement service settles the inter-service liquidity transfer order, then the processing continues with the step “Check message subscription for debit notification”;
- **[Not settled]** – [If the respective settlement service does not settle the inter-service liquidity transfer order, then the processing continues with the step “Post standing order reversal”.](#)

[..]

8397EUROSYSTEM UPDATE [internal review]: page 216 (CLM UDFS-chapter 9.6.2 Messages 9.6 Settle standing order in CLM)

Described message is not sent – i.e. needs to be dropped from the list
--

[..]

Message description/usage	ISO message	ISO code
Debit notification	BankToCustomerDebitCreditNotification	camt.054
Credit notification	BankToCustomerDebitCreditNotification	camt.054
Liquidity transfer order rejection notification	Receipt	camt.025

Table 1964 - Outbound messages for settle standing order in CLM

8498 EUROSISTEM UPDATE [internal review]: page 209 (CLM UDFS-chapter 9.7.1

Description (Perform standard CLM settlement));

Clarification on submission by ECMS in footnotes; clarification on camt.054 provision, correction of inter-service liquidity transfer reversal

[..]

| [Marginal lending on request – setting up](#) [▶ [Error! Bookmark not defined.274](#)]; ^{x1}

| [Marginal lending on request – reimbursement](#) [▶ [Error! Bookmark not defined.275](#)]. ^{x2}

Footnote: ^{x1} Until ECMS go-live. After ECMS go-live the processes will be performed by a connected payment or a regular payment [submitted by ECMS](#).

Footnote: ^{x2} Until ECMS go-live. After ECMS go-live the processes will be performed by a connected payment or a regular payment [submitted by ECMS](#).

[..]

The following use cases are classified as payment orders. In principle, their handling is identical to the one for all payment orders in CLM and the respective notifications as described in this process:

| [Interest payment related to overnight deposit](#) [▶ [Error! Bookmark not defined.269](#)];

| [Interest payment related to marginal lending](#) [▶ [Error! Bookmark not defined.275](#)]; ^{x3}

Footnote: ^{x3} [Until ECMS go-live. After ECMS go-live the processes will be performed by a connected payment or a regular payment submitted by ECMS](#).

[..]

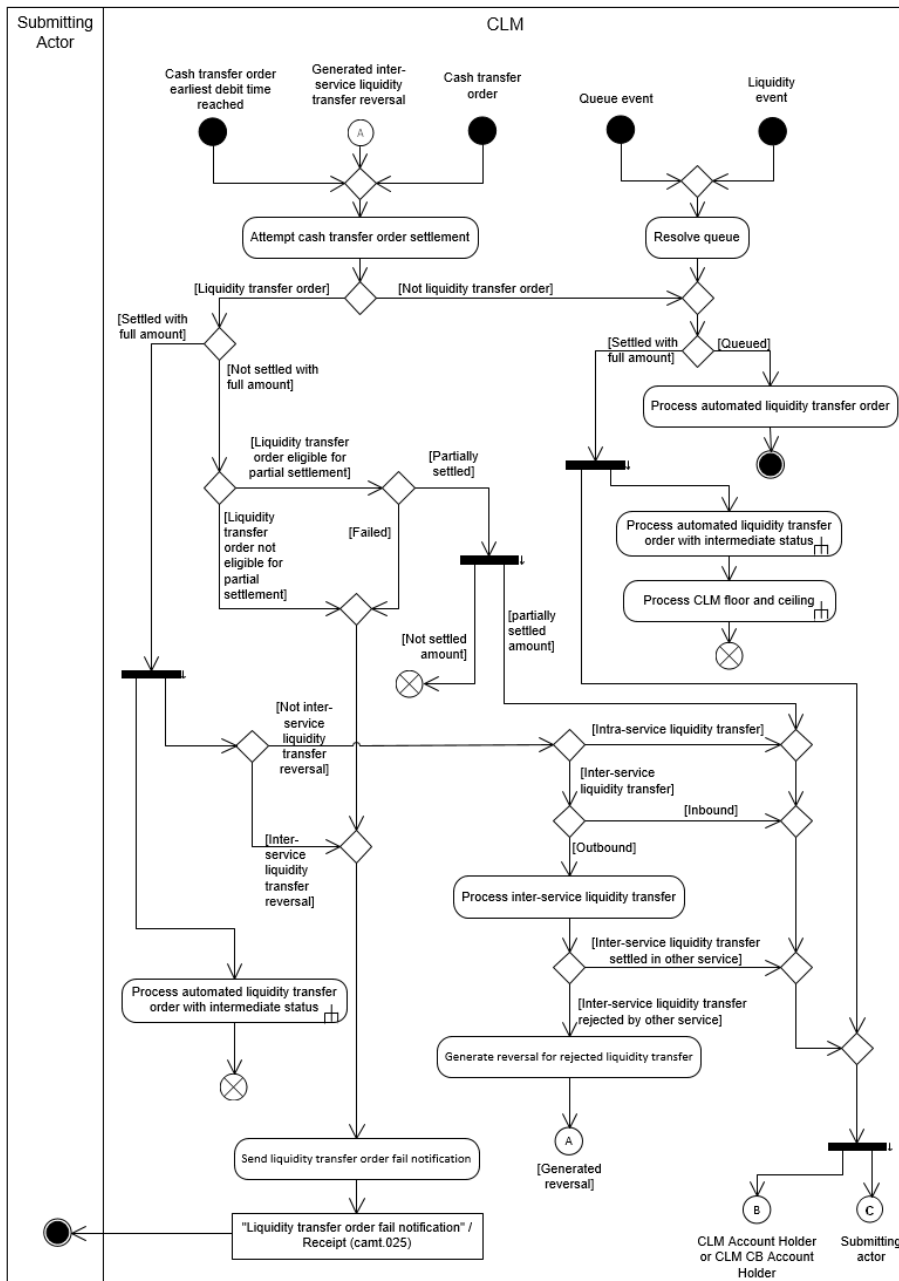


Figure 47 - Standard CLM settlement I

[..]

- for other settled liquidity transfers with the following parallel steps:
 - “B” for the CLM Account Holder or CLM CB Account Holder;
 - “C” for the submitting actor;

In parallel to the mentioned process steps, the processing continues with sub-process [Process automated liquidity transfer order with intermediate status](#) [[Error! Bookmark not defined.](#)226];

▪ Inter-service liquidity transfer reversal.

- for all other settled cash transfers with the following three parallel steps:

[..]

Cash transfer order type	Submission Type	Use Case	“Debit notification”/BankTo CustomerDebitCredit Notification (camt.054)	“Credit notification”/BankToCustomerDebitCreditNotification (camt.054)
Liquidity transfer	A2A	Liquidity transfer with credit on MCA, CLM CB Account, or overnight deposit account or <u>marginal lending account</u> (credit leg)	-	Optional
		Liquidity transfer with debit ⁴ on MCA, CLM CB Account, overnight deposit account or marginal lending account (debit leg)	-	-
		<u>Liquidity transfer with debit on overnight deposit account (debit leg)</u>	<u>Optional</u>	-

[..]

8599EUROSYSTEM UPDATE [internal review]: page 226 (CLM UDFS-chapter 9.12.1
Description (Process CLM reject time broadcast))

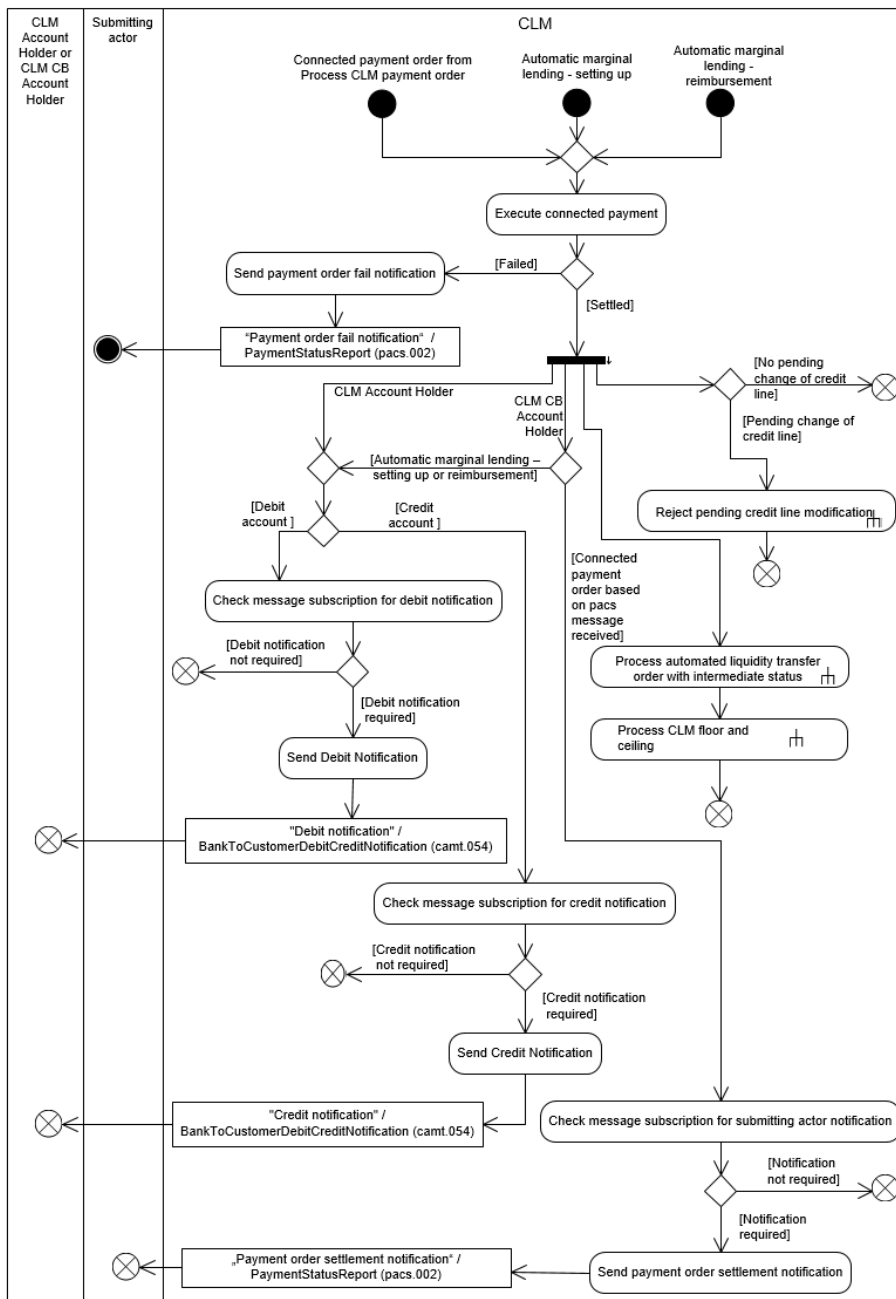
Addition of broadcast message

This sub-process sends an A2A broadcast [via SystemEventNotification \(admi.004\)](#) to the broadcast
subscribing party, i.e. the CLM Account Holder or CLM CB Account Holder to be debited.
[..]

86100 EUROSYSTEM UPDATE [internal review]: page 228 (CLM UDFS-chapter 9.13.1
Description(Settle connected payment))

Addition of sub-process "Reject pending credit line change"

This process is called for the settlement of a [Connected payment](#) [[Error! Bookmark not defined.](#)490]:



[..]

I **[Settled]** – The process settles the connected payment order, i.e. settlement of the payment amount and change of the credit line. The processing continues with **a split allowing the following parallel processing steps**

- sub-process [Process automated liquidity transfer order with intermediate status](#) [**Error! Bookmark not defined.**²³⁶] and afterwards with sub-process [Process CLM floor and ceiling](#) [**Error! Bookmark not defined.**²³⁸];
- **sub-process Reject pending credit line modification;**
- **and in parallel with a split allowing a different the** processing for information to the CLM CB Account Holder and
- **the processing for information to the** CLM Account Holder.

87101 EUROSYSYSTEM UPDATE [internal review]: page 237 (CLM UDFS-chapter 9.15.1

Description(Reject pending credit line modification))

Addition of broadcast message

[..]

The sub-process starts with the process step "Remove pending credit line modification".

Remove pending credit line modification

This process step removes the pending credit line modification and the processing continues with "Send credit line modification rejection notification".

[..]

88102 EUROSYSYSTEM UPDATE [internal review]: page 244 (CLM UDFS-chapter 9.18.1

Description (Reject payment order))

Typo in event naming

[..]

This subprocess is called when:

▪ a rejection of a queued payment order takes place after event [Cut-off for CLM RTS-II processing](#) [[Error! Bookmark not defined.258](#)];

[..]

89103 EUROSISTEM UPDATE [[ECB/TSWG review](#)]: page 249-251 (CLM UDFS-chapter 9.20
Coordinate general ledger creation with other settlement services);

Addition of headlines, Typo in event naming and event formatting
--

9.20.1 Description

[..]

Send stop accepting outbound inter-service liquidity transfers

After the cut-off for CLM RTS-II in CLM is reached, CLM sends a "Stop accepting outbound inter-service liquidity transfers"/[ReturnBusinessDayInformation \(camt.019\)](#) [[353](#)] to the settlement services.

[..]

9.20.2 Messages

[..]

Table 2080 - Used messages [to coordinate general ledger creation with other settlement services](#)

90104 EUROSISTEM UPDATE [internal review]: page 255 (CLM UDFS-chapter 9.22.1
Process business day event "Change of business day");

Typo in event naming and event formatting

[..]

Perform business validation on warehoused payment

The process verifies whether the warehoused payment order remains compliant with the business validation rules after the reference data updates are activated in CLM. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor.

▪ **[Failed]** The warehoused payment order is not compliant with the business validation rules. The processing continues with the sub-process "[Reject payment order](#)" [[Error! Bookmark not defined.250](#)].

▪ **[Successful]** The warehoused payment order remains compliant with the business validation rules. The processing continues with the process step "Process warehoused payment order".

[..]

105EUROSYSTEM UPDATE [internal review]: page 257 (CLM UDFS-chapter 9.22.3 Process business day event "Cut-off for CLM RTS")

Description update for alignment to respective figure

[..]

The time-based event "Cut-off CLM RTS" triggers the closure processing, which subsequently results in the parallel triggering of the following sub-processes:

I "Reject payment order {} **Error! Bookmark not defined.**257]":

I "Reject pending reservation modification in CLM {} **Error! Bookmark not defined.**256]":

I "Coordinate general ledger creation with other settlement services":

I "Reject pending credit line modification":

94106EUROSYSTEM UPDATE [internal review]: page 259 (CLM UDFS-chapter 9.22.4 Process business day event "CB cut-off for marginal lending on request");

Clarification on message exchange with ECMS after automatic marginal lending

[..]

Check reference data

The processing step checks if there are any cash accounts to be closed as of the next business day that have a balance.

I In case no such accounts exist, the EoD processing continues and triggers in parallel the following sub-processes.

–Process automatic marginal lending - setting up - before and after launch of ECMS {} 268] for each MCA with credit line. After launch of ECMS, CLM sends a notification to ECMS including all processed automatic marginal lending connected payments.

[..]

92107 EUROSYSYSTEM UPDATE [internal review]: page 270 (CLM UDFS-chapter 9.23.7.2 After launch of ECMS);

Clarification on reimbursement, additional clarification due to CR 20 and CR 62 Multiplex

After the launch of ECMS, this process triggers the reimbursement of automatic marginal lending for all relevant counterparties in accordance with ~~the processing Before launch of ECMS the sub-process "Process marginal lending - reimbursement [] 272"]~~.

~~For reimbursement of marginal lending on request the following rule applies:~~ As ECMS can send regular or connected payment orders, CLM processes the payment orders received from ECMS in accordance with the relevant sub-process, which is either Perform standard CLM settlement or Settle connected payment. This includes reimbursement of marginal lending on request and respective interest payment orders.

93108 EUROSYSYSTEM UPDATE [internal review]: page 291 (CLM UDFS-chapter 9.25.5.1 Description (Process CLM operations-related broadcast))

Addition of broadcast message

This sub-process sends an A2A broadcast ~~via SystemEventNotification (admi.004)~~ to the broadcast subscribing party.

[..]

94109 EUROSYSYSTEM UPDATE [internal review]: page 294 (CLM UDFS-chapter 10)

Message chapter naming

The introductory chapter "~~Messages -~~ General information" provides ~~general~~**basic** information on the concept of messaging or/and information applicable to all messages in CLM. The ~~a~~**Appendix_of_this_UDFS** contains comprehensive lists of relevant technical details for each message.

[...]

~~Relevant usage descriptions for each message are listed in Processes with CLM.~~

Overview and scope of the message

This chapter provides ~~basic~~**general** information about the scope of the message within the context of CLM.

[...]

~~Relevant usage descriptions for each message are listed in Processes with CLM.~~

95110 EUROSYS- UPDATE [internal review]: page 297 (CLM UDFS-chapter 11.1.1)

Add sentence to footnote

Footnote: [...] CLM makes only use of different message versions but not variants.

ISO 20022 message

[...]

Within the corresponding schema file of the message the building block must be defined as an immediate child of the message.

[...]

A comprehensive overview of all standardised ISO 20022 message components is available in the Data Dictionary of ISO 20022.

96111 EUROSYS- UPDATE [internal review]: page 299 (CLM UDFS-chapter 11.1.2)

Correction of typo (two separate words), numbering

Based upon the enriched ISO schema files for its messages, once available, (i.e. after the enrichment of newly-developed messages or after the publication of maintained messages in the context of a new standards release) these schema files are customised to adapt them to the specificities applicable in the context of CLM.

[...]

For the scenarios one, three and four, CLM only allows message elements according to the customised schema file. [...] Message elements under the scope of scenario four are not subject to further processing in CLM. [...] For scenario two an alternative procedure applies.

97112 EUROSYS- UPDATE [internal review]: page 301 (CLM UDFS-chapter 11.1.3)

Correction of typo

CLM follows the approach of High Value Payments Plus (HVPS+) supported character set, limited to basic Latin characters and additional special characters:

Character set type	Message elements	Supported characters in T2
[...]	[...]	[...]
Extended TARGET character set	-All Name elements for all actors -Remittance Information	Use of FIN X-Character set (see above), plus !#\$%&*='^_`{ }~";<>@[\].

		Note: The following characters need to be escaped:
--	--	---

Table xxx - Supported character sets

98113 EUROSYS­TEM UP­DATE [internal review]: page 302 (CLM UDFS-chapter 11.1.3.1)

Corrections

The message only contains properly encoded unicode characters;

[...]

the start and end tags match exactly and are case-sensitive;

The message has one root element which contains all other elements.

[...]

A short extract from an XML message file for exemplary purposes (ISO 20022 standard message):

[...]

Every well-formed ISO 20022 message arriving in the CLM interface undergoes a validity check according to the rules contained in the enriched CLM schema files.

99114 EUROSYS­TEM UP­DATE [internal review]: page 304 (CLM UDFS-chapter 11.1.3.2)

Corrections

add information to external code set

This business validation in CLM takes place on the basis of a set of pre-defined business rules which are available in the Appendix to this document.

[...]

CLM messages rely on "External Code Sets" for some elements. CLM message elements with a data type starting with "External", e.g. ExternalLocalInstrument1Code, ExternalReason1Code or ExternalCategoryPurpose1Code, should be filled with such codes, which are published in a spreadsheet on the ISO 20022 homepage. If the code to be used is relevant for CLM processing, this is outlined in the relevant message element. For all other cases, CLM will not check the message against the values available in the spreadsheet.

400115 EUROSISTEM UPDATE [internal review]: page 306 (CLM UDFS-chapter 11.2.1.2)

Add "network" and corrections

The rejection of the query messages is caused by the fact that files are submitted via store-n-forward [network service channel](#), which is not allowed for inbound query messages.

[...]

[For the b](#)Basic structure of file see below:

[...]

Examples and further details for BFH are [provideddetailed](#) in chapter BusinessFileHeader (head.002).

401116 EUROSISTEM UPDATE [internal review]: page 309 (CLM UDFS-chapter 11.2.2)

Corrections

In the communication process between CLM and the business senders and receivers the time information elements are used to indicate:

- I creation time of a message;
- I settlement time request (e.g. payment orders);
- I settlement execution time (only applicable outbound).

[Depending on the specific processing of a message the time information will be processed in different ways.](#)

In the CLM inbound case any ISO Time compliant data format amended by mandatory time shift information will be accepted, which means in particular also with or without seconds and milliseconds, e.g. settlement time request <FrTm>2021-12-17T10:30+01:00</FrTm>.

In the CLM outbound case all time information generated by CLM including seconds and milliseconds are provided.

402117 EUROSISTEM UPDATE [internal review]: page 309/310 (CLM UDFS-chapter 11.2.3)

Corrections and adaption of cross-reference links.
--

[...]

For [a](#) query ~~requests~~ received via ~~a~~ [real-time](#) message-based network service, the network service ~~will has to~~ be switched, if the query response exceeds the 32 KB ~~(size restriction for message-based network service)~~. [ESMIGCLM](#) then sends an ~~error response message to the business sender of the queryerror-response~~ via the [real-time network servicechannel](#) in which the ~~queryrequest~~ was received. [For further information, see ESMIG UDFS, chapter "Common rules for message and file transfer services". and additionally "pushes" t](#)The query response [is then provided in the store-n-forward network service.](#)

In case a query response/report exceeds the maximum size of 32 MB, the CLM outbound exchange may split in several parts. This may be the case for: BankToCustomerStatement (camt.053) [] 183] (statement of accounts is considered as query response as well as report) and General ledger (camt.053) [] 243].

In order to adviseindicate that a query response/report was split, the business payload elements <MsgPgntn> is foreseen to indicate "pagination" is used (<Pgntn> ... </Pgntn>) or for BankToCustomerStatement (camt.053) is <MsgPgntn>...</MsgPgntn> is used accordingly.

For camt.053 a specific procedure for splitting is implemented. In order to avoid exchange parts exceeding 32 MB, the BankToCustomerStatement (camt.053) [] 183] and General ledger (camt.053) [] 243] are is split at element BkToCstmrStmnt/StmntNtry in the business payload.

In case splitting is applied, the following page starts with the same information within the <Stmnt> block as the last entry of the previous page (listing the same account number and the relating balances) and continues in the <Ntry> block by listing all account entriesinstructions that do not fit into the previous page.

403118EUROSYSTEM UPDATE [internal review]: page 315 (CLM UDFS-chapter 11.3)

Corrections			
camt.053 General Ledger	Receive CLM report	General ledger (CB only)	Outbound

Table 95 - Usage of Messages

404119EUROSYSTEM UPDATE [internal review]: page 318 (CLM UDFS-chapter 11.4)

Corrections			
In addition they can be used to determine a transaction for query status information or to perform actions, e.g. <u>modification or</u> deletion.			
[...]			
<u>An</u> End-to-end references <u>is</u> passed on, unchanged, throughout the entire end-to-end chain. Depending on <u>its</u> their nature, <u>they</u> it <u>is</u> added either by the initiating party or by CLM.			

405120EUROSYSTEM UPDATE [internal review] and [ECB/TSWG review]: page 321 (CLM UDFS-chapter 11.5)

Corrections to CR62			
The details of the message examples in the below listed <u>business</u> scenarios can be found in the sub-chapter "The message in business context" of each message in List of messages.			

The ~~system of real BICs is a small world of entities upon which the business~~ scenarios have been laid upon a system of real BICs. ~~Real BIC codes are used~~ and the related account identifiers follow a logical structure.

In the following table, the business reader is provided with a list of all BICs and account identifiers found in the CLM business scenarios.

[...]

[...]	[...]	[...]	[...]
CLM MCA (<u>default MCA</u>)	COBADEFFXXX	COBADEFFXXX	MDEEURCOBADEFFXXXCOBADEFFXXX
[...]	[...]	[...]	[...]
CLM MCA (<u>default MCA</u>)	SOLADESTXXX	SOLADESTXXX	MDEEURSOLADESTXXXSOLADESTXXX

Table xxx - Table of BICs and account identifiers

[...]

<u>Scenario 052 – CLM camt.050 MCA-to-T2S settled</u>	<u>A valid camt.050 moving liquidity from an MCA to a T2S DCA settles successfully in CLM. A camt.025 status message is used to advise the sender of the camt.050 of the settlement. As the response camt.025 is the same as the one in business scenario 050, there is no camt.025 provided in this business scenario.</u>	<u>camt.050 CLM LiquidityCreditTransfer M CAT2S bs052.xml</u>
<u>Scenario 053 – CLM camt.050 overnight deposit settled</u>	<u>A valid camt.050 moving liquidity from an MCA to a CLM overnight deposit account settles successfully in CLM. As the response camt.025 is the same as the one in business scenario 050, there is no camt.025 provided in this business scenario.</u>	<u>camt.050 CLM LiquidityCreditTransfer OvernightDeposit bs053.xml</u>
<u>Scenario 058 – CLM camt.018 request for event status information (Business day with optional maintenance window Optional Maintenance Day)</u>	<u>A camt.018 message is sent to CLM requesting to be informed of the status of all events in CLM. The message is sent on a day when the</u>	<u>camt.018 CLM CurrentEventQuery bs058.xml</u> <u>camt.019 CLM CurrentEventQueryResponse Data bs058.xml</u>

	<u>system schedule contains an Optional Maintenance Window. The valid request is processed and a camt.019 is returned with the appropriate Optional Maintenance Window day information.</u>	
Scenario 066 – CLM - camt.053 - <u>admi.005</u> General ledger query	The general ledger file , which is held on CLM is subsequently requested for additional sending via an admi.005 query.	admi.005_CLM_ReportQueryRequest_bs066.xml
<u>Scenario 071 – CLM camt.018 request for event status information (Business day with non-optional maintenance window)</u> Mandatory Maintenance Day	<u>Camt.018 message is sent into CLM requesting to be informed of the status of all Events in CLM. The message is sent on a day when the system schedule contains a non-optional</u> Mandatory <u>Maintenance Window. The valid request is processed and a camt.019 is returned with the appropriate non-optional</u> Mandatory <u>Maintenance Window day information.</u>	<u>camt.018_CLM_CurrentEventQuery_bs071.xml</u> <u>camt.019_CLM_CurrentEventQueryResponse_bs071.xml</u>
[...]		
<u>Scenario 073 – CLM automatic marginal lending</u>	<u>During CLM end of day processing, a PB has a negative overall balance and CLM invokes automatic marginal lending. In this scenario, it is accepted that the CB and PB are fully subscribed to all notification</u> response <u>messages.</u> [...]	[...]

	<p>Finally, CLM calculates and moves the marginal lending interest amount from the PB's default MCA to the CLM CB's marginal lending account for that PB. CLM then uses camt.054 messages to inform the CB and PB of this interest payment.</p>	
<p>Scenario 079 – CLM payment reject time broadcast validity timeout</p>	<p>A pacs.009 payment order message was validated by CLM and queued for execution within the <u>settlement time request validity period</u> given on the payment order. <u>15 minutes before</u>By the end of the validity period, the <u>indicated reject time in the</u> payment order had not achieved settlement so CLM rejected it and used sends an admi.004 system event notification message to notify the sender of the pacs.009 about the <u>possible</u> rejection.</p> <p>Note: to avoid an excess number of example payment messages, the pacs.009 is not available, but is assumed to be of a basic data population with a validity period defined <u>reject time</u> and appropriate references for this scenario</p>	<p>Inbound_pacs.009_CLM_FICreditTransfer Order_bs079.xml (not available) admi.004_CLM_SystemEventNotification_RJCT_bs079.xml</p>
<p>Scenario 080 – CLM operations related <u>broadcast</u></p>	<p>During the processing day, a problem occurred whereby a CLM Party had to be temporarily blocked<u>excluded</u> while the problem was</p>	<p>admi.004_CLM_SystemEventNotification_FREE_bs080.xml</p>

	resolved . The Operator used CLM to send an admi.004 system event notification message to notify relevant parties of the exclusion blocking .	
<u>Scenario 102 - Account holder requesting all transactions</u>	<u>An account holder sends a transaction query (camt.005) to CLM requesting details of all transactions for the current day against all its accounts. The list of accounts is limited by the data-scope of the sending account holder and the list of required data fields is explicitly indicated in the query message. CLM returns a camt.006 with the requested information.</u>	<u>camt.005 CLM_GetTransaction_bs102.xml</u> <u>camt.006 CLM_ReturnTransaction_bs102.xml</u>
<u>Scenario 106 – Account holder requesting a single transaction</u>	<u>An account owner sends a transaction query (camt.005) for a single transaction which the sender identifies using a unique reference. The list of required data fields is very small since the transaction data is already known to the sender. CLM returns a camt.006 with the requested information.</u>	<u>camt.005 CLM_GetTransaction_bs106.xml</u> <u>camt.006 CLM_ReturnTransaction_bs106.xml</u>
<u>Scenario 107 – CB requesting all transactions</u>	<u>CB sends a transaction query (camt.005) – which is identical to the query used in bs102 -to CLM requesting details of all transactions for the current day against all accounts in its community. The list of accounts is limited by the</u>	<u>camt.005 CLM_GetTransaction_bs107.xml</u> <u>camt.006 CLM_ReturnTransaction_bs107.xml</u>

	data-scope of the sending CB and the list of required data fields is explicitly indicated in the query message. CLM returns a camt.006 with the requested information.	
Scenario 108 - Account holder requesting a single transaction with all fields	An account owner sends a transaction query (camt.005) for a single transaction which the sender identifies using a unique reference. The query criteria is identical to the query in bs106, but there is no list of required fields provided. CLM returns a camt.006 with the requested information.	camt.005 CLM_GetTransaction_bs108.xml camt.006 CLM_ReturnTransaction_bs108.xml
Scenario 109 – CB requesting marginal lending accounts	A CB sends a transaction query (camt.005) requesting a small amount of information for all transactions on one of its marginal lending accounts. CLM returns a camt.006 with the requested information.	camt.005 CLM_GetTransaction_bs109.xml camt.006 CLM_ReturnTransaction_bs109.xml
Scenario 999 – CLM camt.053 Customer statement	A camt.053 customer statement is produced by CLM at FoD for each so-configured account in the system and sent to appropriate recipients based upon subscription and routing. In particular, this statement is for a CLM Account (ID: "MDEEURSOLADESTXXXSOLA DESTXXX") dated 8 October 2019 and includes a camt.050 and a pacs.009 entry all examples from all business	camt.053 CLM_BankToCustomerStatement_bs999.xml admi.005 CLM_ReportQueryRequest_bs999.xml Inbound_pacs.009-CLM_FICreditTransferOrder-CONP-bs002.xml camt.050-CLM-LiquidityCredittransfer-MCAMCA-bs050.xml

	<u>cases which show as settled on that date. The opening balance shows as zero for convenience but the closing balance is calculated according to the entries listed. The statement which is retained on CLM is subsequently requested for additional sending via an admi.005 query.</u>	
--	--	--

Table xxx - Table of business scenarios

[...]

The tables 96 – 129 (business scenarios) were all summarized to one table including all business scenarios (Table of business scenarios) to provide the reader of the UDFS an enhanced convenience.

406121 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 334 (CLM UDFS-chapter 12.1.1.3)

Corrections to CR62

[...]

Usage case: CLM payment reject time broadcastvalidity-timeout (Scenario 079)

In this example, CLM is notifying the receiver by a broadcast message that at a previously valid payment order couldhas failed to reach settlement within 15 minutesduring its stated validity period. The debtor CLM account is shown along with the original priority, payment order UETR and the time of rejection.

[...]

Table xxx - SystemEventNotification (admi.004) – usage case Payment reject time broadcastvalidity-timeout (Scenario 079)

[...]

Usage case: CLM operations related broadcast (Scenario 080)

In this example, the CLM Operator is notifying the receiver by a broadcast message that at a Party BIC has had to be excludedblocked and advises that any payments sent for that party will be rejected.

Event Description	Participant BIC <u>PRTYBIC1XXXCOBADEFFXX</u>
Document/SysEvtNtfctn/EvtInf/EvtDesc	<u>excludedblocked</u> , payments to it will be rejected

Table xx - SystemEventNotification (admi.004) – usage case Operations related broadcast (Scenario 080)

407122EUROSYSTEM UPDATE [\[ECB/TSWG review\]](#)~~[\[internal review\]](#)~~: page 348 (CLM UDFS- chapter 12.1.2.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. ~~For business rules applicable to ReportQueryRequest refer to the chapter Index of validation rules and error codes.~~

408123EUROSYSTEM UPDATE ~~[\[internal review\]](#)~~ [and \[ECB/TSWG review\]](#): page 337 (CLM UDFS-chapter 12.1.2.3)

Correction

[...]

Usage case: Query Request Message - General Ledger Query (CB Only) (Scenario 066)

In this usage example, the business sender is requesting CLM to send the latest version of the General LedgerStatement relating to a CB n account CBn account (ID: "CLMMCAPBCCDEFFXXXEUR0A01MDEEURMARKDEFFXXXMARKDEFFXXX") owned by party(BIC: "MARKDEFFXXX");

Usage case example: admi.005_CLM_ReportQueryRequest_bs066.xml

409124EUROSYSTEM UPDATE ~~[\[internal review\]](#)~~ [and \[ECB/TSWG review\]](#): page 338 (CLM UDFS-chapter 12.1.3.1)

Correction to CR62

[...]

The ReceiptAcknowledgement message is sent with a BAH, to inform of a validation error [and switch of network service](#) for the ReportQueryRequest []; 66] ~~message~~ (admi.005) ~~message and GetTransaction (camt.005) message only for all other messages.~~

Amendment to CR63 (item 6)

[...]

The ReceiptAcknowledgement message is sent by CLM to the business sender of an Account statement query and Cash transfer query to inform of pagination and the respective switch to store-n-forward network ~~channel service~~. Additionally, the respective query response is provided via store-n-forward network ~~channel service~~. ~~In addition, the ReceiptAcknowledgement message is sent by CLM to the business sender of In case of a General Ledger query (CB only) via ReportQueryRequest (admi.005), the ReceiptAcknowledgement message is sent to inform of the respective about switch from real-time to store-n-forward network~~

~~channel~~service since CLM sends ~~one dedicated a separate~~ general ledger per settlement service.

112125EUROSYSTEM UPDATE [internal review]: page 339 (CLM UDFS-chapter 12.1.3.3)

Correction of typo

[...]
The previous pacs.009 can be identified using the pacs.009 BAH BizMsgldr which is supplied on the admi.007.

126EUROSYSTEM UPDATE [ECB/TSWG review]: page 355 (CLM UDFS-chapter 12.2.1.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. ~~For business rules applicable to GetAccount refer to the chapter Index of validation rules and error codes.~~

127EUROSYSTEM UPDATE [ECB/TSWG review]: page 362 (CLM UDFS-chapter 12.2.2.3)

Removal paragraph originally introduced by CR 45

Specific message contents

~~All content must comply with the business rules for the message. For business rules applicable to ReturnAccount refer to the chapter Index of validation rules and error codes.~~

128EUROSYSTEM UPDATE [ECB/TSWG review]: page 368 (CLM UDFS-chapter 12.2.2.3)

Correction of xpath

Message item	Utilisation
[...]	[...]
Processing Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr /Acct/MulBal/PrcgDt/DtTm	CLM Push notification-Use: Not used. CLM Query response-Use: Current system date expressed in calendar day (UTC). Provided for available liquidity query response for balance type codes CRRT, XPCD, AVLB, DLOD, NOTE, LTSF and PYMT.

Table 112 - ReturnAccount (camt.004)

129EUROSYSTEM UPDATE [ECB/TSWG review]: page 390 (CLM UDFS-chapter 12.2.3.2)

Correction to CR63

[...]

QueryTypeSpecifies the type of matching items to be returned in the response to the query.QueryNameRecalls the criteria (search and return criteria) defined in a preceding query. The QueryName is provided by the system in the ReturnTransaction.

[...]

444130EUROSYSTEM UPDATE [ECB/TSWG review]: page 392 (CLM UDFS-chapter 12.2.3.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. For business rules applicable to GetTransaction refer to the chapter Index of validation rules and error codes.

442131EUROSYSTEM UPDATE [internal review]: page 348 (CLM UDFS-chapter 12.2.3.3)

Harmonisation of utilisation with response message

Message item	Utilisation
End To End Identification /Document/GetTx/TxQryDef/TxCrit/NewCrit/Sch Crit/PmtSch/EndToEndId	[...] Business case <u>referenceId</u> in case of other system-generated cash transfer (order)s.

Message item	Utilisation
Debtor BIC /Document/GetTx/TxQryDef/TxCrit/NewCrit/Sch Crit/PmtSch/Pties/Dbtr/ <u>Agt/FinInstnId/BICFI</u> <u>PtyId/Orqld/AnyBIC</u>	Can be used for search of BIC of <Debtor> in case of payment (order)s.
Debtor Identification /Document/GetTx/TxQryDef/TxCrit/NewCrit/Sch Crit/PmtSch/Pties/Dbtr/ <u>Agt/FinInstnId/OthrId</u> <u>PtyId/Orqld/OthrId</u>	Can be used for search of account number from <DebtorAccount> in case of liquidity transfer (order)s.
Creditor BIC /Document/GetTx/TxQryDef/TxCrit/NewCrit/Sch Crit/PmtSch/Pties/Cdtr/ <u>Agt/FinInstnId/BICFI</u> <u>Id/Orqld/AnyBIC</u>	Can be used for search of BIC of <Creditor> in case of payment (order)s.
Creditor Identification /Document/GetTx/TxQryDef/TxCrit/NewCrit/Sch Crit/PmtSch/Pties/Cdtr/ <u>Agt/FinInstnId/OthrId</u> <u>Id/Orqld/OthrId</u>	Can be used for search of account number from <CreditorAccount> in case of liquidity transfer (order)s.

Table xxx - GetTransaction (camt.005)

~~443~~132 EUROSISTEM UPDATE [internal review]: page 349 (CLM UDFS-chapter 12.2.4.1)

Correction to CR63

[...]

In case of pagination, ReceiptAcknowledgement (admi.007) message is used to inform the business sender of the Cash transfer query about pagination and the respective switch to store-n-forward network ~~channel~~service. Additionally the respective query response is provided via store-n-forward network ~~channel~~service.

~~444~~133 EUROSISTEM UPDATE [ECB/TSWG review]: page 411 (CLM UDFS-chapter 12.2.4.3)

Removal paragraph originally introduced by CR 45

Specific message ~~requirements~~contents

~~All content must comply with the business rules for the message. For business rules applicable to ReturnTransaction refer to the chapter Index of validation rules and error codes.~~

~~445~~134 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 350 and 421 (CLM UDFS-chapter 12.2.4.3)

Change of x-path

Message item	Utilisation
[...]	
End To End Identification /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/EndToEndId	[...] Business case reference ID in case of other system-generated cash transfer (order)s.
[...]	
Debtor BIC /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/Pties/Dbtr/ AggtPty /Id/OrgId/AnyBIC	Provides the BIC of <Debtor> in the case of payment (order).
Debtor Agent Identification /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/Pties/Dbtr/ AggtPty /Id/OrgId/Othr/Id	Provides the account number from <DebtorAccount> in the case of liquidity transfer (order).
Creditor BIC /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/Pties/Cdtr/ AggtPty /Id/OrgId/AnyBIC	Provides the BIC of <Creditor> in the case of payment (order).
Creditor Agent Identification /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/Pties/Cdtr/ AggtPty /Id/OrgId/Othr/Id	Provides the account number from <CreditorAccount> in the case of liquidity transfer (order).

Table xxx - ReturnTransaction (camt.006)

Corrections to business scenario 103 [ECB/TSWG review]

Usage case: CLM Get Transaction camt.006 (Scenario 103)

In this example, CLM is responding to the business sender of an invalid inbound camt.005 message, with information relating to the validation errors found.

In this case, the business rule code is "E112T207" with a description of "Invalid search criteriaThe specified cash account is not known to the service".

Message item	Utilisation
<u>[...]</u>	<u>[...]</u>
<u>Error Proprietary</u> <u>/Document/RtrTx/RptOrErr/OprlErr/Err/Prtry</u>	<u>E112T207</u>
<u>Description</u> <u>/Document/RtrTx/RptOrErr/OprlErr/Dsc</u>	<u>Invalid search criteriaThe specified cash account is not known to the service</u>

Table xxx - ReturnTransaction (camt.006) – usage case request for transactions with error response (Scenario 103)

Corrections to business scenario 108

Message item	Utilisation
Debtor Agent BIC <u>/Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/Pties/Dbtr/AgPty/Id/Orgld/AnyBIC</u>	COBADEFFXXX
Creditor Agent Identification <u>/Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/Pties/Cdtr/AgPty/Id/Orgld/Othr/Id</u>	SOLADESTXXX

Table XXX - ReturnTransaction (camt.006) – usage case Account holder requesting a single transaction with all fields (Scenario 108)

Usage case example: camt.006_CLM_ReturnTransaction_bs108.xml

135EUROSYSTEM UPDATE [ECB/TSWG review]: page 437 (CLM UDFS-chapter 12.2.5.3)

Corrections to BS 58 and 71

[...]

Usage case: Query Request Message - Event Query (Scenario 058)

In this example, the business sender is using an empty camt.018 message to indicate that status information for all CLM events is requested. Although not included in the camt.018, the query time used to generate the camt.019 response was around 20:00 on Monday, 2019-10-07.

[...]

Table 136 - GetBusinessDayInformation (camt.018) – usage case Query Request Message - Event Query (Optional Maintenance Window) (Scenario 058)

Usage case: Query Request Message - Event Query (Scenario 071)

In this example, the business sender is using an empty camt.018 message to indicate that status information for all CLM events is requested. Although not included in the camt.018, the query time used to generate the camt.019 response was around 20:00 on Friday, 2019-10-04.

[...]

Table 137 - GetBusinessDayInformation (camt.018) – CLM camt.018 request for event status information (non-optionalMandatory Maintenance WindowDay) (Scenario 071)

446136EUROSYSTEM UPDATE [internal review]: page 354 (CLM UDFS-chapter 12.2.6.2)

Correction

The CLM-specific schema and documentation in XSD/Excel/~~PDF~~Excelformat as well as the message examples are provided outside of this document under the following link:

447137EUROSYSTEM UPDATE [internal review] and [ECB/TSWG review]: page 355 (CLM UDFS-chapter 12.2.6.3)

Correction related to CR12_ correction related to TSWG comments on Part III of UDFS 2.1.1

Message item	Utilisation
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	[...] Real Time Settlement: I CRTI - Start of CLM RTS I I CESO - Execution of standing orders in CLM I CCII - Cut-off for CLM RTS H I T2DP Data propagation for T2 [...]
<u>Scheduled Time</u> /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldIdTm	<u>For time-based events the planned or revised event times will be reported. Non time-based events will be reported with date-time 9999-01-01T00:00:00.000+00:009999-99-99T99:99:99.999+00:00</u>
[...]	[...]
Operational Error <u>Description</u> /Document/RtrBizDayInf/RptOrErr/OprlErr/Desc	<u>For further information refer to chapter Index of validation rules and error codes</u> <u>Specification of the error, in free format.</u>

Table 13843 - ReturnBusinessDayInformation (camt.019)

[...]

Usage case: CLM camt.018 request for event status information (Optional Maintenance WindowDay) (Scenario 058)

Usage case: QueryCLM camt.018 request for event status information (Optional Maintenance Window Day) (Scenario 058)

In this example, CLM is responding to the business sender of a valid camt.018 event query. The BAH business ID of the camt.018 is included for recognition. For this business scenario, it is assumed that the query was sent and executed at around 20:00 on Monday, 2019-10-07.

The response shows all currency-dependent events (for EUR). On this day no currency specific closing is planned. The scheduled time for each event is given, but for the events which have already occurred before the query-time, the actual (effective) event time is also provided.

[...]

Message item	Utilisation
Message Identification /Document/RtrBizDayInf/MsgHdr/MsgId	NONREF
Message Identification /Document/RtrBizDayInf/MsgHdr/OrgnlBizQry/MsgId	Inc018b058-BAHId
System Identification /Document/RtrBizDayInf/RptOrErr/BizRpt/SysId/MktInfrstrctId/Cd	CLM
System Currency /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/SysCcy	EUR
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	CSOD
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T18:45:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-07T18:45:00.010+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	CRTI
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T19:00:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-07T19:00:00.005+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	CESO
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T19:30:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-07T19:325:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	CCI
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	T2DP

Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CSOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T03:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CEOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T05:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	T2DP
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CCII
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CEOD
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01- 01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CCSF
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:15:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CCML
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:40:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CCOS
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:40:00.0000009999-01- 01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CSCC
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	CECC

<u>Scheduled Time</u> <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa</u> <u>yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldIdTm</u>	<u>2019-10-08T02:30:00.000+00:00</u>
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Table 140 - ReturnBusinessDayInformation (camt.019) – camt.018 Request for event status information (Optional Maintenance WindowDay) (Scenario 058)

[...]

Usage case: System Notification (Scenario 059)

In this usage-example, CLM has automatically generated a camt.019 to inform the business receiver that the event "CSOD" (CLM SoD) occurred at 18:00:00.0105 as indicated in the effective timestamp field. This was micro-seconds later than the scheduled time.

Note: Unlike the camt.019 event query response, a system generated camt.019 will only ever provide information for one event.

[...]

Usage case: CLM camt.018 request for event status information (non-optionalMandatory Maintenance WindowDay) (Scenario 071)

In this example, CLM is responding to the business sender of a valid camt.018 event query. The BAH business id of the camt.018 is included for recognition. For this business scenario, it is assumed that the query was sent and executed at around 20:00 on Friday, 2019-10-04.

The response shows currency-dependent events (for EUR). On this day no currency specific closing is planned. The scheduled time for each event is given, but for the events which have already occurred before the query-time, the actual (effective) event time is also provided.

Message item	Utilisation
Message Identification <u>/Document/RtrBizDayInf/MsgHdr/MsgId</u>	NONREF
Message Identification <u>/Document/RtrBizDayInf/MsgHdr/OrqnlBizQry/MsgId</u>	Inc018b071-BAHId
System Identification <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/SysId/MktInfstrctId/Cd</u>	CLM
System Currency <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/SysCcy</u>	EUR
Event <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Id</u>	CSOD
Scheduled Time <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldIdTm</u>	<u>2019-10-04T18:45:00.000+00:00</u>
Effective Time <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm</u>	<u>2019-10-04T18:45:00.010+00:00</u>
Event <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Id</u>	CRTI

Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-04T19:00:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-04T19:00:00.005+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	CESO
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-04T19:30:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-04T19:325:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	CCH
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	T2DP
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	CSMW
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-05T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	CEMW
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	T2DP
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	CCH
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	CEOD
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01- 01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/lq	CCSF

Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T18:15:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CSOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T03:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CEOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T05:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CEOD
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CCSE
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:15:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CCML
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T18:40:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CCOS
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:40:00.0009999-01-01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CSCG
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CECC
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CCML
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:40:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/TrPrtry/Ld	CCOS

<u>Scheduled Time</u> <u>/Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa</u> <u>yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm</u>	<u>2019-10-08T18:40:00.000+00:00</u>
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Table 142 - ReturnBusinessDayInformation (camt.019) – camt.018 request for event status information (non-optionalMandatory Maintenance WindowDay) (Scenario 071)

[...]

Usage case: Liquidity Transfer Order Settlement Notification (Scenario 070)

In this example, CLM is informing the business sender of an inter-service camt.050 with inbound BAH reference of "Inc050b070-BAHId", that the liquidity transfer has settled successfully.

Usage case example: camt.025 - CLM - Receipt - SSTS - SSET - bs070.xml

Usage case: CLM camt.998 (AuthorisePenalty) is successful (Scenario 143)

In this example, CLM is advising the CB sender of the Authorise Penalty (camt.998- AuthorizePenaltyMinimumReserve) message that the requested action has been completed successfully.

Usage case example: camt.025 - CLM - Receipt - XSTS - COMP - bs143.xml

Usage case: CLM camt.998 (AuthorisePenalty) fails (Scenario 144)

In this example, CLM is advising the CB sender of a previous Authorise Penalty (camt.998- AuthorizePenaltyMinimumReserve) message that the request has been rejected for the reason given. In this case, the business rule code is "T181" with a description of "From Date' is not equal to start date of previous minimum reserve maintenance period".

Usage case example: camt.025 - CLM - Receipt - VSTS - bs144.xml

Usage case: CLM camt.998 (InsertValue) is successful (Scenario 147)

In this example, CLM is advising the CB sender of the Insert Value (camt.998- InsertValueOfMinimumReserve) message that the requested action has been completed successfully.

Usage case example: camt.025 - CLM - Receipt - XSTS - COMP - bs147.xml

Usage case: CLM camt.998 (InsertValue) is successful (Scenario 148)

In this example, CLM is advising the CB sender of a previous Insert Value (camt.998- InsertValueOfMinimumReserve) message that the request has been rejected for the reason given. In this case, the business rule code is "T177" with a description of "Currency must be EUR".

Usage case example: camt.025 - CLM - Receipt - VSTS - bs148.xml

Usage case: CLM camt.998 (InsertBalance) is successful (Scenario 149)

In this example, CLM is advising the CB sender of the Insert Balance (camt.998- InsertBalanceMinimumReserve) message that the requested action has been completed successfully.

Usage case example: camt.025 - CLM - Receipt - XSTS - COMP - bs149.xml

Usage case: CLM camt.998 (InsertBalance) fails (Scenario 150)

In this example, CLM is advising the CB sender of a previous Insert Balance (camt.998- InsertBalanceMinimumReserve) message that the request has been rejected for the reason given. In this case, the business rule code is "T180" with a description of "The value date must indicate the current business date".

Usage case example: camt.025 - CLM - Receipt - VSTS - bs150.xml

448138EUROSYSTEM UPDATE [internal review]: page 370 (CLM UDFS-chapter 12.2.7.3)

Correction of business scenario and naming BS 148

Usage case: CLM camt.998 (InsertValue) ~~failsis-successful~~(Scenario 1487)

In this example, CLM is advising the CB sender of a previous Insert Value (camt.998-InsertValueOfMinimumReserve) message that the request has been rejected for the reason given. In this case, the business rule code is "~~E105T177~~" with a description of "~~Invalid maintenance periodCurrency-must be EUR~~".

Message item	Utilisation
Status Code /Document/Rct/RctDtls/ReqHdlg/StsCd	E105T177
Description /Document/Rct/RctDtls/ReqHdlg/Dsc	Invalid maintenance periodCurrency-must be EUR

Table 61 - Receipt (camt.025) – usage case CLM camt.998 (InsertValue) ~~failsis-successful~~(Scenario 1487)

449139EUROSYSTEM UPDATE [ECB/TSWG review] : page 465 (CLM UDFS-chapter 12.2.8.3)

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. ~~For business rules applicable to GetReservation refer to the chapter Index of validation rules and error codes.~~

420140EUROSYSTEM UPDATE [ECB/TSWG review]: page 466 (CLM UDFS-chapter 12.2.8.3)

Correction of Utilisation

Message item	Utilisation
[...]	[...]
Account Owner's BIC /Document/GetRsvatn/RsvatnQryDef/RsvatnCri t/NewCrit/SchCrit/AcctOwnr/FinInstnId/BICFI	If AcctId is used, then AcctOwnr is ignored. Owner of the account which is being queried.

Table 170 - GetReservation (camt.046)

424141 EUROSISTEM UPDATE [SDD CN 0027]: page 471 (CLM UDFS chapter 12.2.10.1)

Consideration usage for seizure of funds (SDD CN027)
--

[...]

The usage of this message is to be found in chapter Usage of Messages.

This message is also used for the A2A creation and modification of current reservations for seizure of funds.

422142 EUROSISTEM UPDATE [ECB/TSWG review]: page 473 (CLM UDFS-chapter 12.2.10.3)

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. For business rules applicable to ModifyReservation refer to the chapter Index of validation rules and error codes.

423143 EUROSISTEM UPDATE [SDD CN 0027]: page 474 (CLM UDFS chapter 12.2.11.1)

Consideration usage for seizure of funds (SDD CN027)
--

[...]

The usage of this message is to be found in chapter Usage of Messages.

This message is also used for the A2A deletion of current reservations for seizure of funds.

424144 EUROSISTEM UPDATE [ECB/TSWG review]: page 475 (CLM UDFS-chapter 12.2.11.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. For business rules applicable to DeleteReservation refer to the chapter Index of validation rules and error codes.

425145 EUROSISTEM UPDATE [SDD CN 0027]: page 476 (CLM UDFS chapter 12.2.11.3)

Consideration usage for seizure of funds (SDD CN027)

Message item	Utilisation
Code /Document/DelRsvatn/CurRsvatn/Trp/Cd	CARE = Cash reservation <u>BLKD = Reservation for seizure of funds</u>

426146 EUROSISTEM UPDATE [ECB/TSWG review]: page 478 (CLM UDFS-chapter 12.2.12.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. For business rules applicable to ReportQueryRequest refer to the chapter Index of validation rules and error codes.

147 EUROSISTEM UPDATE [ECB/TSWG review]: page 481 (CLM UDFS-chapter 12.2.12.3)

Correction to BS numbering BS details

[...]

Usage case: Liquidity Credit Transfer Order – MCA To DCA (Scenario 052)

A camt.050 moving liquidity from a CLM MCA to an RTGS DCA is submitted to CLM and settles successfully in CLM. but fails to pass validation

Message item	Utilisation
Message Header	
Message Identification Document/LqdyCdtTrf/MsqHdr/MsqId	NONREF
Liquidity Credit Transfer	
End to End Identification /Document/LqdyCdtTrf/LqdyCdtTrf/LqdyTrfId/ EndToEndId	<u>Inc050b052-E2EId</u>
Creditor Account Identification /Document/LqdyCdtTrf/LqdyCdtTrf/CdtrAcct/Id/ Othr/Id	<u>ERTGSC0DEEUR001</u>
Transferred Amount Document/LqdyCdtTrf/LqdyCdtTrf/TrfdAmt/Am tWthCcy	<u>EUR 200000</u>
Debtor Account Identification Document/LqdyCdtTrf/LqdyCdtTrf/DbtrAcct/Id/ Othr/Id	<u>MDEEURSOLADESTXXXSOLADESTXXX</u>

Table xxx - LiquidityCreditTransfer (camt.050) – usage case Liquidity credit transfer order – MCA to T2S (Scenario 052)

148EUROSYSTEM UPDATE [ECB/TSWG review]: page 483 (CLM UDFS chapter 12.2.12.3)

Correction of CR Id in CLM UDFS 2.1.1 revised version, correct value is 45

[...]

Usage case example: camt.050 CLM LiquidityCreditTransfer MCADCA bs070.xml(CR-745)

427149EUROSYSTEM UPDATE [internal review]: page 391 (CLM UDFS-chapter 12.2.13.1)

Correction to CR63

[...]

In case of pagination, ReceiptAcknowledgement (admi.007) message is used to inform the business sender of the Account statement query about pagination and the respective switch to store-n-forward network channelservice. Additionally the respective response is provided via store-n-forward network channelservice.

428150EUROSYSTEM UPDATE [internal review]: page 393 (CLM UDFS-chapter 12.2.13.3)

Add utilisation for Code element

Message item	Utilisation
Balance type /Document/BkToCstmrStmnt/Stmnt/Bal/Tp/CdOrPrtry/Cd	Balance type code of the reported account balance. OPBD = Balance at SoD CLBD = Balance at EoD.
Local instrument code Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtIs/LclInstrm/Cd	<u>Specifies the local instrument, as published in an external local instrument code list.</u>

Table 173 - BankToCustomerStatement (camt.053)

429151EUROSYSTEM UPDATE [internal review, ECB/TSWG review, JIRA CSLDME-250-400]: page 403 (CLM UDFS-chapter 12.2.14.3)

Correction of xpath an add utilisation for Code element, add code LCCS

Message item	Utilisation
Local instrument code <u>Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtIs/TxDtIs/LclInstrm/Cd/Document/BkToCstmrDbtCd/Ntfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Cd</u>	<u>Specifies the local instrument, as published in an external local instrument code list.</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCd/Ntfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry</u>	<u>Liquidity transfers:</u> <u>LIIA = Immediate LT - intra-service,</u> <u>LIIE = Immediate liquidity transfer - inter-service,</u> <u>LAUT = Automated liquidity transfer,</u>

	<u>LRFB = Rule-based liquidity transfer - floor breach.</u> <u>LRCB = Rule-based liquidity transfer - ceiling breach.</u> <u>LRQP = Rule-based liquidity transfer – queued RTGS payment or queued AS transfer.</u> <u>LSIE = Standing order liquidity transfer - inter-service.</u> <u>LSIA = Standing order liquidity transfer - intra-service.</u> <u>LCCA = Automated contingency liquidity transfer - closing of accounts.</u> <u>LCCS = Balance from Contingency service.</u>
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Table 1793 - BankToCustomerDebitCreditNotification BankToCustomerStatement-(camt.0543)

Delete dummy Acct Id

Message item	Utilisation
<u>Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/</u> <u>Id/Othr/Id</u>	<u>CLMMCAPBCCDEFFXXXEUR0A01</u> <u>MDEEURSOLADESTXXXSOLADESTXXX</u>

Table 181 - BankToCustomerDebitCreditNotification (camt.054) – usage case Credit Notification (Standard CLM Settlement) (Scenario 004)

Addition of Instruction Id and Transaction Amount fields into the example utilisation table, and a change to the value of the End To End Id

Message item	Utilisation
<u>Instruction ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/InstId</u>	<u>EDAMLSb073-BizTranId</u>
<u>End To End ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>EDAMLSb073-E2EId EDAMLSb073-BizTranId</u>
<u>Transaction Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Amt</u>	<u>EUR 117000.00</u>
<u>Related Parties Debtor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Dbtr/Pty/Id/Orqld/AnyBIC</u>	<u>MARKDEFFXXX</u>
<u>Related Parties Creditor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Cdtr/Pty/Id/Orqld/AnyBIC</u>	<u>COBADEFFXXX</u>
<u>Related Agents Instructing Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgt/InstgAgt/FinInstnId/BICFI</u>	<u>MARKDEFFXXX</u>
<u>Related Agents Instructed Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgt/InstdAgt/FinInstnId/BICFI</u>	<u>COBADEFFXXX</u>

Table xxx - BankToCustomerDebitCreditNotification (camt.054) – usage case automatic marginal lending (AMLS to account holder) (Scenario 073)

Addition of Instruction Id and Transaction Amount fields into the example utilisation table, and a change to the value of the End To End Id

Message item	Utilisation
<u>Amount Details Type</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>AmtDtIs/PtryAmt/Tp</u>	<u>AMLS</u>
<u>Amount Details Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>AmtDtIs/PtryAmt/Amt</u>	<u>EUR 117000.00</u>
<u>Instruction ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/InstId</u>	<u>EDAMLSb073-BizTranId</u>
<u>End To End ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>EDAMLSb073-E2EId EDAMLSb073-BizTranId</u>
<u>Transaction Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Amt</u>	<u>EUR 117000.00</u>
<u>Related Parties Debtor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Dbtr/Pty/Id/OrqId/AnyBIC</u>	<u>MARKDEFFXXX</u>
<u>Related Parties Creditor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Cdtr/Pty/Id/OrqId/AnyBIC</u>	<u>COBADEFFXXX</u>
<u>Related Agents Instructing Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgt/InstgAgt/FinInstnId/BICFI</u>	<u>MARKDEFFXXX</u>
<u>Related Agents Instructed Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgt/InstdAgt/FinInstnId/BICFI</u>	<u>COBADEFFXXX</u>

Table xxx - BankToCustomerDebitCreditNotification (camt.054) – usage case automatic marginal lending (AMLS to CB) (Scenario 073)

Addition of Instruction Id and Transaction Amount fields into the example utilisation table, and a change to the value of the End To End Id

Message item	Utilisation
<u>Instruction ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/InstId</u>	<u>SDAMLRb073-BizTranId</u>
<u>End To End ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>SDAMLRb073-E2EId SDAMLRb073-BizTranId</u>
<u>Transaction Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Amt</u>	<u>EUR 117000.00</u>
<u>Related Parties Debtor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Dbtr/Pty/Id/OrqId/AnyBIC</u>	<u>COBADEFFXXX</u>
<u>Related Parties Creditor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Cdtr/Pty/Id/OrqId/AnyBIC</u>	<u>MARKDEFFXXX</u>

Related Agents Instructing Agent BIC BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/Tx Dtls/RltdAgts/InstgAgt/FinInstnId/BICFI	COBADEFFXXX
Related Agents Instructed Agent BIC BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/Tx Dtls/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFXXX

Table xxx - BankToCustomerDebitCreditNotification (camt.054) – usage case automatic marginal lending (AMLR to account holder) (Scenario 073)

Addition of Instruction Id and Transaction Amount fields into the example utilisation table, and a change to the value of the End To End Id

Message item	Utilisation
Amount Details Type /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ AmtDtls/PrtryAmt/Tp	AMLR
Amount Details Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ AmtDtls/PrtryAmt/Amt	EUR 117000.00
Instruction ID /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtls/TxDtls/Refs/InstrId	SDAMLRb073-BizTranId
End To End ID /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtls/TxDtls/Refs/EndToEndId	SDAMLRb073-E2EId SDAMLRb073-BizTranId
Transaction Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtls/TxDtls/Amt	EUR 117000.00
Related Parties Debtor BIC BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/Tx Dtls/RltdPties/Dbtr/Pty/Id/OrqId/AnyBIC	COBADEFFXXX
Related Parties Creditor BIC BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/Tx Dtls/RltdPties/Cdtr/Pty/Id/OrqId/AnyBIC	MARKDEFFXXX
Related Agents Instructing Agent BIC BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/Tx Dtls/RltdAgts/InstgAgt/FinInstnId/BICFI	COBADEFFXXX
Related Agents Instructed Agent BIC BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/Tx Dtls/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFXXX

Table xxx - BankToCustomerDebitCreditNotification (camt.054) – usage case automatic marginal lending (AMLR to CB) (Scenario 073)

Addition of Instruction Id and Transaction Amount fields into the example utilisation table, and a change to the value of the End To End Id

Message item	Utilisation
Instruction ID /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtls/TxDtls/Refs/InstrId	EDMLINb073-BizTranId
End To End ID /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtls/TxDtls/Refs/EndToEndId	EDAMLIb073-E2EId EDMLINb073-BizTranId

<u>Transaction Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Amt</u>	<u>EUR 117.00</u>
<u>Related Parties Debtor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Dbtr/Pty/Id/OrgId/AnyBIC</u>	<u>COBADEFFXXX</u>
<u>Related Parties Creditor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Cdtr/Pty/Id/OrgId/AnyBIC</u>	<u>MARKDEFFXXX</u>
<u>Related Agents Instructing Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgts/InstgAg/FinInstnId/BICFI</u>	<u>COBADEFFXXX</u>
<u>Related Agents Instructed Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgts/InstdAg/FinInstnId/BICFI</u>	<u>MARKDEFFXXX</u>

Table xxx - BankToCustomerDebitCreditNotification (camt.054) – usage case automatic marginal lending (MLIN to account holder) (Scenario 073)

Addition of Instruction Id and Transaction Amount fields into the example utilisation table, and a change to the value of the End To End Id

Message item	Utilisation
<u>Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/</u> <u>Id/Othr/Id</u>	<u>LDEEURCOBADEFFXXX0001</u> <u>MDEEURMARKDEFFXXXMARKDEFFXXX</u>
<u>Instruction ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/InstId</u>	<u>EDMLINb073-BizTranId</u>
<u>End To End ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>EDAMLINb073-E2EId EDMLINb073-BizTranId</u>
<u>Transaction Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/Amt</u>	<u>EUR 117.00</u>
<u>Related Parties Debtor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Dbtr/Pty/Id/OrgId/AnyBIC</u>	<u>COBADEFFXXX</u>
<u>Related Parties Creditor BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdPtIs/Cdtr/Pty/Id/OrgId/AnyBIC</u>	<u>MARKDEFFXXX</u>
<u>Related Agents Instructing Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgts/InstgAg/FinInstnId/BICFI</u>	<u>COBADEFFXXX</u>
<u>Related Agents Instructed Agent BIC</u> <u>BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/Tx</u> <u>DtIs/RltdAgts/InstdAg/FinInstnId/BICFI</u>	<u>MARKDEFFXXX</u>

Table xxx - BankToCustomerDebitCreditNotification (camt.054) – usage case automatic marginal lending (MLIN to CB) (Scenario 073)

430152 EUROSISTEM UPDATE [ECB/TSWG review]: page 526 (CLM UDFS-chapter 12.3.1.3)

Removal redundant entry

Specific message requirements (inbound) and specific message contents (outbound)

All content (inbound) must comply with the business rules for the message. For business rules applicable to BAH refer to the chapter Index of validation rules and error codes.

434153 EUROSISTEM UPDATE [internal review]: page 417 (CLM UDFS-chapter 12.3.1.3)

Correction of wording

Message item	Utilisation
Signature /Document/AppHdr/Sgntr	Certificate which identifies the business sending user in combination with the Clearing system member identification <u>user</u> for single messages. Note: Either the digital signature is part of the BFH (in case of multi messages) or it is part of the BAH in case of <u>a</u> single messages.

Table 182 - BusinessApplicationHeader (head.001)

432154 EUROSISTEM UPDATE [ECB/TSWG review]: page 532 (CLM UDFS-chapter 12.3.2.3)

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. For business rules applicable to BFH refer to the chapter Index of validation rules and error codes.

155 EUROSISTEM UPDATE [Internal review]: page 425 (CLM UDFS-chapter 13)

Delete obsolete messages and hyperlinks according to TSWG decision (11 Sep 2020): proprietary camt.998_Get/ReturnValueOfReserveMinimumReserve messages will be replaced by camt.003/camt.004_Get/ReturnAccount (with reference to SDD CN 0021)

Chapter	Message Code	Message Name
Minimum reserve management (camt)		
[...]		
<u>GetValueOfReserveMinimumReserve (camt.998) – specific for CBs</u>	<u>camt.998</u>	<u>GetValueOfReserveMinimumReserve</u>
<u>ReturnValueOfReserveMinimumReserve (camt.998) – specific for CBs</u>	<u>camt.998</u>	<u>ReturnValueOfReserveMinimumReserve</u>

[...]		
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Table 189 - List of messages specific for CBs

433156EUROSYSTEM UPDATE [internal review]: page 434 (CLM UDFS-chapter 13.1.2.1)

Correction

This chapter illustrates the General Ledger message.

Amendment to CR63

[...]
Note: General ledger is not subject to pagination. But as CB receives one General ledger per service, an admi.007 ReceiptAcknowledgement message is sent by CLM [in response to the ReportQueryRequest \(admi.005\) message](#) to the business sender of the General Ledger query (CB only) to indicate the change of response network [channel service](#) to store-n-forward.

434157EUROSYSTEM UPDATE [ECB/TSWG review]: page 551 (CLM UDFS-chapter 13.1.3.3)

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. [For business rules applicable to FIToFIPaymentCancellationRequest refer to the chapter Index of validation rules and error codes.](#)

435158EUROSYSTEM UPDATE [internal review]: page 443-447 (CLM UDFS-chapter 13.1.3.3)

Correction of typo

[...]Scenario 003
To ensure the correct payment is identified, the cancellation includes several data from the original pacs.009 message: the BAH-BizMsgldr, the end-to-end identification, the payment amount (EUR 450,000) and the settlement date (2019-10-08).

[...]Scenario 004
To ensure the correct payment is identified, the cancellation includes several data from the original pacs.009 message: the BAH-BizMsgldr, the end-to-end identification, the payment amount (EUR 2850) and the settlement date (2019-10-08).

[...]Scenario 006
To ensure the correct direct debit movement is identified, the cancellation includes several data from the original pacs.010 message: the BAH-BizMsgldr, the end-to-end identification, the payment amount (EUR 36,000) and the settlement date (2019-10-08).

[...]Scenario 007

To ensure the correct direct debit movement is identified, the cancellation includes several data from the original pacs.010 message: the BAH-BizMsgId, the end-to-end identification, the payment amount (EUR 470) and the settlement date (2019-10-09).

~~436~~159 EUROSISTEM UPDATE [ECB/TSWG review]: page 560 (CLM UDFS-chapter 13.2.1.3)

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. ~~For business rules applicable to ModifyCreditLine refer to the chapter Index of validation rules and error codes.~~

~~437~~160 EUROSISTEM UPDATE [ECB/TSWG review]: page 560 (CLM UDFS-chapter 13.3.1.3)

Removal redundant entry

Specific message ~~content~~requirements

All content must comply with the business rules for the message. ~~For business rules applicable to AuthorizePenaltyMinimumReserve refer to the chapter Index of validation rules and error codes.~~

~~438~~161 EUROSISTEM UPDATE [ECB/TSWG review]: page 567 (CLM UDFS-chapter 13.3.2.3)

Removal redundant entry

Specific message ~~content~~requirements

All content must comply with the business rules for the message. ~~For business rules applicable to GetPenaltyMinimumReserve refer to the chapter Index of validation rules and error codes.~~

~~439~~162 EUROSISTEM UPDATE [ECB/TSWG review]: page 579 (CLM UDFS-chapter 13.3.4.3)

Removal redundant entry

Specific message ~~content~~requirements

All content must comply with the business rules for the message. ~~For business rules applicable to InsertValueOfReserveMinimumReserve refer to the chapter Index of validation rules and error codes.~~

440163 EUROSISTEM UPDATE [internal review]: page 467/468 (CLM UDFS-chapter 13.3.4.3)

Correction of business scenario and naming BS 148

Message item	Utilisation
Type /Document/PrtryMsg/PrtryData/Tp	Always "InsertValueOfReserveMinimumReserve".

Table 211 - InsertValueOfReserveMinimumReserve (camt.998)

[...]

In this example, a responsible CB is requesting that the minimum reserve requirement for a payment bank (BIC: SOLADESTXXX) relating to the current maintenance period of "201920-03-18" to "201920-05-05", should be changed to EURDKK190000.

Message item	Utilisation
Maintenance Period From Date /Document/PrtryMsg/PrtryData/Data/T2PrtryData /NewMinRsrvValSet/MntncPrd/FrDt	201920-03-18
Maintenance Period To Date /Document/PrtryMsg/PrtryData/Data/T2PrtryData /NewMinRsrvValSet/MntncPrd/ToDt	201920-05-05
Amount /Document/PrtryMsg/PrtryData/Data/T2PrtryData /NewMinRsrvValSet/Amt	EURDKK 190000

Table xxx - InsertValueOfMinimumReserve (camt.998) – usage case CLM camt.998 (InsertValue) fails (Scenario 148)

441164 EUROSISTEM UPDATE [ECB/TSWG review]: page 583 (CLM UDFS-chapter 13.3.5.3)

Removal redundant entry

Specific message content requirements

All content must comply with the business rules for the message. For business rules applicable to InsertBalanceMinimumReserve refer to the chapter Index of validation rules and error codes.

442165 EUROSISTEM UPDATE [internal review]: page 482 (CLM UDFS-chapter 13.3.6.3)

Correction of code description

Message item	Utilisation
Type /Document/PrtryMsg/PrtryData/PrtryData/FlowRpt/AcctRpt/Acct/MulBal/Tp	Type of amount. It will be: "BLCK" (for minimum reserve), "PRAV" (progressive average) for the balance average in the relevant maintenance period, EXRE (for Excess Reserve Exemption (tier1),

	EXRR (for Excess Reserve Remuneration (tier 2)).
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Table 219 - ReturnPeriodicInformationMinimumReserve (camt.998)

443166 EUROSISTEM UPDATE [internal review]: page 487-494 (CLM UDFS-chapter 13.4.1.3)

Correction of typo

[...]Scenario 001

The previous pacs.009 can be identified using the pacs.009 BAH BizMsgId and the business sender's references of instruction ID and UETR which are also supplied on the pacs.002.

[...]Scenario 005

The previous pacs.010 can be identified using the pacs.010 BAH BizMsgId and the business sender's references of instruction ID and UETR which are also supplied on the pacs.002.

[...]Scenario 002

The previous pacs.009 can be identified using the pacs.009 BAH BizMsgId and the business sender's references of instruction ID and UETR which are also supplied on the pacs.002.

[...]Scenario 003

The previous pacs.009 can be identified using the pacs.009 BAH BizMsgId and the business sender's references of instruction ID and UETR which are also supplied on the pacs.002.

[...]Scenario 006

The previous pacs.010 can be identified using the pacs.010 BAH BizMsgId and the business sender's references of instruction ID and UETR which are also supplied on the pacs.002.

[...]Scenario 004

The previous pacs.009 can be identified using the pacs.009 BAH BizMsgId and the business sender's references of instruction ID and UETR which are also supplied on the pacs.002.

444167 EUROSISTEM UPDATE [ECB/TSWG review]: page 603 (CLM UDFS-chapter 13.4.2.3)

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. [For business rules applicable to FinancialInstitutionCreditTransfer refer to the chapter Index of validation rules and error codes.](#)

445168 EUROSISTEM UPDATE [internal review]: page 497 (CLM UDFS-chapter 13.4.2.3)

Correction of code utilisation, harmonisation with PART I

Message item	Utilisation
--------------	-------------

Interbank Settlement Date Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmDt	[...] CLM only accepts the current business date, or a future business date as allowed by the CLM future date warehoused payment period parameter. [...]
--	--

Table 228 - FinancialInstitutionCreditTransfer (pacs.009)

446169 EUROSISTEM UPDATE [ECB/TSWG review]: page 612 (CLM UDFS-chapter 13.4.3.3)

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. For business rules applicable to FinancialInstitutionDirectDebit refer to the chapter Index of validation rules and error codes.

447170 EUROSISTEM UPDATE [internal review]: page 507 (CLM UDFS-chapter 13.4.3.3)

Correction of code utilisation, harmonisation with PART I

Message item	Utilisation
Interbank Settlement Date /Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/Intr BkSttlmDt	[...] CLM only accepts the current business date, or a future business date as allowed by the CLM future date warehoused payment period parameter. [...]

Table 233 - FinancialInstitutionDirectDebit (pacs.010)

**448171 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 525-628f.
(CLM UDFS-chapter 14.2 Index of validation rules and error codes)**

Review of validation rules due to testing [...]

For updates of validation rule table please refer to attached excel file on validation rules.

Add a short preamble to introduce table in chapter "13.1 Index of validation rules and error codes [...]. Adaption of cross-reference links. [ECB/TSWG review]

Following a detailed list of error messages and their descriptions are provided. For further details on the GUI refer to the UHB chapter "References for Error Messages for GUI Screens".

The set of business validation rules partially encompasses validations which are not applicable to a certain xpath, e. g. for generic rules for multiple messages or generic rule for certain messages type. For those cases the "xpath of inbound message for validation" does not provide an information and is therefore left empty.

Note: For the validation categories HVPS+ rules and ISO 20022 message validations the rule-IDs and error codes correspond to those rule-IDs and error codes used in HVPS+ and ISO 20022.

172EUROSYSTEM UPDATE [due to testing]: page 629 (CLM UDFS-chapter 14.2 Index of validation rules and error codes)

Update of validation rule categories due to restructuring of validation rules.

Source	Rule-ID	Error code	Validation category
	HV0 000 0	Y000	HVPS+ rules
	IV0 000 0	X000 D000 H000	ISO 20022 message validations
	VR0 000 0 AST A00 0 C25 T00 0 CMX X00 0 C18 T00 0 A05 T00 0 AXX X00 0 CXX T00 0	E000 A000 T000	T2 specific validation rules

Table - Validation rule categories

RTGS

449173 EUROSISTEM UPDATE [internal review]: page 34 (RTGS UDFS-chapter Reader's guide)

Correction of chapter name in link

[..]

Index of **business validation** rules and error codes includes the relevant error codes provided in case of unsuccessful validation.

[..]

450174 EUROSISTEM UPDATE [internal review]: page 39 (RTGS UDFS-chapter 2.1 Connectivity)

Correction to individual messages and files as the description does not refer to a network service

[..]

The A2A connectivity mode supports a message-based and a file-based transmission channel. The use of a connectivity channel is dependent on the size of business content that is to be transmitted. The limit for a message-based communication is 32 KB, while the maximum size of a file-based communication is limited to 32 MB. Therefore, the transmission channel is not dependent on the type of communication, i.e. file-based or message-based, but the size of the communication. Individual messages can be sent using file-based communication (and must be if they exceed the size limit of message-based transmission) and files can be sent using message-based communication when the size limit is not exceeded.

[..]

454175 EUROSISTEM UPDATE [internal review]: page 39 (RTGS UDFS-chapter 2.2 Authentication and authorisation process in RTGS)

Clarification on privileges for A2A only and U2A only and adaption of cross-reference links.

ESMIG authenticates the RTGS Actor and carries out an authorisation check at service level in order to verify whether the DN is permitted to submit requests to RTGS. The ESMIG UDFS contains exhaustive information on all the authentication and authorisation checks that ESMIG performs in chapter "Authentication and authorisation".

[..]

The authorisation of the request is checked against the role's access privileges.~~{CR-33}~~ The privileges, which are used in RTGS, are listed in the CRDM UDFS, chapter "Privileges" in the table "RTGS functions" and in the RTGS UHB, chapter "List of privileges". Privileges, which are used for A2A only or U2A only, are marked accordingly.

~~452176~~**EUROSYSTEM UPDATE** [internal review]: page 40 (RTGS UDFS-chapter 2.3.2 Integrity)

Correction of terminology for DWH and clarification for GUI access on audit trail

[..]

Furthermore an audit trail provides the possibility to query through U2A interface for A2A entries and U2A tasks or by a user defined DWH query report the modified data at the attribute level, the user performing the change and the timestamp of the change made. This audit trail shows both the changed attributes and the new values.

[..]

~~453177~~**EUROSYSTEM UPDATE** [ECB/TSWG review]: page 41ff (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors)

Clarification on network channels, CR62 for DN-BIC-Routing, alignment with other chapters, clarification on technical header. Adaption of cross-reference links.

With the distinction of message-based and file-based network services this allows ~~three~~ four network service types:

- | store-n-forward message-based network service;
- | store-n-forward file-based network service;
- | real-time message-based network service.^x

Footnote: ^x Real-time file-based network service is not supported.

[..]

Queries	Real-time message-based	Real-time message-based In case of timeout and <u>or</u> oversize: store-n-forward message-based <u>or</u> <u>store-n-forward file-based</u> (see chapter Outbound traffic exceeding given size limitations) ^x or store-n-forward file-based
---------	-------------------------	---

Table 2 - Business data and communication channels

Footnote: ^x [Timeout handling and the switch from store-n-forward message-based to store-n-forward file-based is handled in ESMIG. Respective details are provided in the ESMIG UDFS, chapter "Timeout and oversized management".](#)

[..]

The PTA for a message sent by RTGS is derived as follows:

RTGS business data exchanges	Communication channel	Deduction of PTA
Notifications as response to instructions	Store-n-forward message-based	A notification as response to an instruction is sent to the same network service and PTA which were used for sending the related inbound communication.
Notifications being not a response to an instruction but belonging to a business case triggered by an instruction, e.g. BankToCustomerDebitCreditNotification (camt.054) [Error! Bookmark not defined. 635]	Store-n-forward message-based	The store-n-forward notification being not a response to an instruction is sent to the PTA that is defined in the routing configuration.

RTGS business data exchanges	Communication channel	Deduction of PTA
Payment orders, payment revocation and recall orders or payment recall responses	Store-n-forward message- based	Payment orders, payment revocation and recall orders or payment recall are sent to the PTA which is derived from the addressed business receiver (identified in the attribute <To> BIC located in the Business Application header (BAH) of the message).
Responses to queries	Real-time message- based in case of timeout or oversize: store-n-forward message- based , store-n- forward file- based	Responses to real-time messages are sent to the PTA of the sender of the query. In case of timeout and or oversize additional messages are sent using the store-n-forward message- based network channel or store-n-forward file- based network channel for the same technical receiver and the same network provider. ^x
Reports	Store-n-forward file- based Store-n-forward message- based	Reports are sent in store-n-forward mode to the PTA that is defined in the routing configuration.

Table 213 - Deduction of PTA

Footnote: ^x [Timeout handling and the switch from store-n-forward message-based to store-n-forward file-based is handled in ESMIG. Respective details are provided in the ESMIG UDFS, chapter "Timeout and oversized management".](#)

For further information see CRDM UDFS, [Chapter "Party Data Management"](#), "Network confirmation".

Connectivity requirements for RTGS Actors

Store-n-forward mode:

- I Each external actor sending store-n-forward traffic to RTGS also must be able to receive store-n-forward traffic with the sender DN and NSP for the respective message-based and file-based network channel.
- I According to the routing configuration, the technical receiver name and the NSP are defined for receiving store-n-forward traffic from RTGS. The external actor must support message-[based](#) and file-[based network](#) channel.

Real-time mode:

- Each external actor sending real-time traffic to RTGS must also be able to receive real-time and store-n-forward traffic with the sender DN and NSP for message-based and file-based network channel (the latter for store-n-forward only).

Link routing information on technical and business level

The PTA is always set up as "point-to-point" information, i.e. if a message is sent by a party A to RTGS the PTA of party A is represented by the related DN on technical transport layer of the message and PTA of RTGS is also identified by a DN. ~~Further details on the set-up are provided in the chapter ESMIG UDFS, "Authentication and authorisation".~~ Further details on the concept are provided in the ESMIG UDFS, chapter "*Authentication and authorisation concept*".

[..]

For RTGS outbound communication, for both account BICs and multi-addressee BICs, each BIC must be linked to one single DN (technical address) but the same DN can be linked to multiple BICs. The DN is derived from the Business Receiver BIC used in the BAH of the inbound message. ~~Details on DN-BIC-Routing are provided in the CRDM UDFS, chapter "Connectivity".~~

[..]

RTGS business data exchanges		Message ID	Inbound communication	Outbound communication	Deduction of business receiver (BIC)
Instructions	Payment orders	pacs.004 pacs.008 pacs.009 pacs.010	Yes	Yes	BIC Addressee in RTGS Directory (see chapter CRDM UDFS, chapter " <i>RTGS Directory</i> ". table " <i>RTGS Directory Example</i> ". " RTGS directory ")
	Payment order revocation and recall orders, payment recall responses	camt.056 camt.029	Yes	Yes	BIC Addressee in RTGS Directory

Table 224 - Deduction of business receiver for sending to RTGS

[..]

Technical header inbound:		Technical header outbound:	
Sender:	DN RTGS Actor A	Sender:	DN RTGS
Receiver:	DN RTGS	Receiver:	DN RTGS Actor B

Figure 73 - Technical header

Simplified illustration addressing of payment orders on business level in case RTGS forwards the message content after processing:

[..]

Simplified illustration addressing of ordersinstructions on business level in case RTGS does not forward the message content after processing:

[..]

454178EUROSYSTEM UPDATE [internal review]: page 48 (RTGS UDFS-chapter 3.1.2 Concept of party in RTGS)

Alignment to other chapters and adaption of cross-reference links.

[..]

This means that each CB is responsible for the reference data of its community. Further information and additional details about the hierarchical model can be found in the CRDM UDFS chapter “Common reference data objects” maintenance process. Information about the data scope is included in CRDM UDFS_ chapter “Data scope”.

[..]

It has full access to all live and all archived reference data and transactional data in RTGS.

CBs are responsible for setting up and maintaining reference data in CRDM for all RTGS Actors belonging to their community. CBs can also act as RTGS Account Holder themselves. In addition, they can act on behalf of any party belonging to their community on the third level in case of need (being able to perform any action via U2A but also being subject to bilateral agreements).

[..]

155EUROSYSTEM UPDATE [internal review]: page 48 (RTGS UDFS-chapter 3.1.4 Reference data for parties used by RTGS)

Alignment to other chapters

[..]

This chapter is related to the corresponding chapter in the CRDM UDFS. For further details see CRDM UDFS chapter "*Description of entities*".

456179 EUROSISTEM UPDATE [ECB/TSWG review]: page 51-52 (RTGS UDFS-chapter 3.1.5 Participation types for RTGS Directory)

Clarification on indirect participation and adaption of cross-reference links.

[..]

Note: The application of wildcard rules⁴ is also foreseen for the RTGS Directory.

Note: CRDM creates the RTGS Directory each business day (at 17:00) in order to provide routing information for RTGS Actors. More details can be found in the CRDM UDFS, chapter "*RTGS Directory*".

Direct Participants

[..]

Indirect Participants

[..]

The Indirect Participant sends cash transfer orders to/receives cash transfer orders from RTGS via a the Direct Participants. The settlement is done on the RTGS DCA of the Direct Participant. The relevant RTGS Account Holder has accepted to represent the respective Indirect Participant. RTGS recognises Indirect Participants allowing them to benefit from the protection of the settlement finality directive (in countries where such protection has been granted).

[..]

Multi-addressee access*

Footnote: ⁴ In line with the RTGS Directory, the concept of multi-addressee is related to the BICs used in the BAH.

[..]

457180 EUROSISTEM UPDATE [internal review]: page 52 (RTGS UDFS-chapter 3.1.6 Blocking/unblocking party)

Clarification on blocking

[..]

As soon as a payment bank or an ancillary system is blocked at party level, all linked cash accounts belonging to that payment bank or ancillary system in RTGS across all settlement services/components are blocked, too. For further information on account blocking refer to chapter Blocking/unblocking account [63].

458181 EUROSISTEM UPDATE [internal review]: page 54 (RTGS UDFS-chapter 3.2 Accounts structure and functionalities)

Clarification on blocking

[..]

The following categories of accounts³ can be set up and maintained in CRDM for RTGS:

³ Due to ongoing discussions regarding Enhanced Contingency Solution II (ECONSII) an additional account type could be added in a later version.

459182 EUROSISTEM UPDATE [internal review]: page 55,57 (RTGS UDFS-chapter 3.2.1 Account types)

Clarification on Account Monitoring Group

RTGS DCA

[..]

A party holding at least one MCA and at least one RTGS DCA must establish a one to one link (through the Associated Liquidity Transfer Account attribute) between its default MCA and one of its RTGS DCAs. This link is the condition for automated liquidity transfers and one precondition for rule-based liquidity transfers due to queued payment orders or AS transfer orders. (footnote number 8)

It is up to RTGS Account Holders to decide which RTGS DCA should be the default one. The set-up and maintenance of the links between MCAs and DCAs are done by the CB in CRDM.

Furthermore, each RTGS DCA may be linked to one or many Liquidity Transfer Groups; may belong to one or many Account Monitoring Groups; to one or many Settlement Bank Account Groups; and via the respective party to one Banking Group.

[..]

RTGS CB Account

[..]

Only a party with party type "CB" can have an "RTGS CB Account". Moreover, the service party type "RTGS CB Account holder" must be linked to the party.

An RTGS CB Account is identified by a BIC^{14, 7}.

[..]

AS technical account

An AS technical account is an account used in the context of setting AS transfers. It is an intermediary account for the collection of debits/credits resulting from the settlement of balances. Furthermore, it can

be used for transferring funds from the RTGS DCA into the ancillary system and vice versa. An AS technical account is mandatory for AS settlement procedure A, B, C and D and optional for AS settlement procedure E.

Only a party with party type "CB" or "ancillary system" can have an "AS technical account". Moreover the service party type "RTGS CB Account Holder" or "ancillary system" must be linked to the party.
[..]

footnote number 8 : In case of pending CBOs in CLM an automated liquidity transfer is sent to RTGS to pull liquidity from the ~~default~~ RTGS DCA.

1460183 EUROSISTEM UPDATE [ECB/TSWG review]: page 57 (RTGS UDFS-chapter 3.2.2 Reference data for accounts used by RTGS)

Alignment with other chapters Adaption of cross-reference links.

This chapter is related to the corresponding chapter in the CRDM UDFS. For further details see CRDM UDFS chapter, "Description of the entities > Cash account". ~~"Cash Account"~~.

1461184 EUROSISTEM UPDATE [ECB/TSWG review]: page 58 - 60 (RTGS UDFS- 3.2.3 Functionalities)

Alignment with other chapters Adaption of cross-reference links.

Direct debit mandate

[..]

~~A list of direct debit mandate reference data attributes can be found in CRDM UDFS chapter "Direct Debit Mandate".~~

This chapter is related to the corresponding chapter in CRDM UDFS. For further details see CRDM UDFS, chapter "Description of the entities > Cash account".

[..]

Floor/ceiling

For each RTGS DCA or RTGS CB Account, an RTGS Account Holder or RTGS CB Account Holder can define a minimum ("floor") and/or a maximum ("ceiling") amount in CRDM that shall be available for settlement on the respective account. The RTGS Account Holder or RTGS CB Account Holder can choose how RTGS shall respond in case the floor or ceiling on an RTGS DCA or RTGS CB Account is breached (after the settlement of payments or AS transfers):

- | ~~RTGS generates a notification that is sent to the RTGS Account Holder informing about the floor/ceiling breach (upon which the RTGS Account Holder can actively take action); and/or~~
- | ~~RTGS generates a rule-based inter-service liquidity transfer order to pull cash from the MCA or CLM CB Account{CR-45} to be debited in CLM (in the event the floor is breached) or push cash to the MCA or CLM CB Account{CR-45} to be credited in CLM (in the event the ceiling is breached).~~
- | ~~RTGS generates a rule-based intra-service liquidity transfer order between two RTGS accounts belonging to a CB:~~
 - ~~to pull an amount of liquidity to a RTGS CB Account subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that RTGS CB Account from an RTGS DCA belonging to a CB;~~
 - ~~to push an amount of liquidity from a RTGS CB Account subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that RTGS CB Account to an RTGS DCA belonging to a CB;~~
 - ~~to pull an amount of liquidity to an RTGS DCA belonging to a CB subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that RTGS DCA from a RTGS CB Account;~~
 - ~~to push an amount of liquidity from an RTGS DCA belonging to a CB subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that RTGS DCA to a RTGS CB Account.~~

The notification can be sent in A2A or U2A. Via A2A the floor and ceiling notification (ReturnAccount (camt.004)) is sent in case the RTGS Account Holder [or RTGS CB Account Holder](#) has chosen to be notified. Further details are provided in chapter [Breach of floor/ceiling threshold - notification](#) [**Error! Bookmark not defined.**243].

Precondition for the generation of a rule-based inter-service liquidity transfer is the definition of an "Account to be credited for ceiling breach" and/or an "Account to be debited for floor breach" in CRDM. Those accounts have to be MCAs or CLM CB Accounts. For further details see CRDM UDFS_ [chapter "Description of entities > Account Threshold Configuration"](#). ~~chapter "Account Threshold Configuration"~~.

It is up to RTGS Account Holders [or RTGS CB Account Holder](#) to set up and maintain the floor/ceiling information in CRDM.

[..]

Standing order liquidity transfer order

A standing order liquidity transfer order is a recurring order of an RTGS Account Holder [or RTGS CB Account Holder](#) to transfer:

[..]

This information is defined at the level of the RTGS DCA or RTGS CB Account and it is up to the RTGS Account Holder [or RTGS CB Account Holder](#) to set up and manage its standing order liquidity transfer orders information in CRDM.

[..]

Standing order for reservation

A standing order for reservation is an instruction of an RTGS Account Holder [or an RTGS CB Account Holder](#) to set up an urgent or high reservation:

[..]

It is up to the RTGS Account Holder [or RTGS CB Account Holder](#) to set up and maintain its standing order for reservation information in CRDM.

Current reservation

RTGS allows RTGS Account Holders [or RTGS CB Account Holder](#) to set up a current reservation for the execution of cash transfers with a certain priority. It is possible to have one current reservation for urgent cash transfers and another one for high cash transfers. An existing reservation can be modified or deleted. All activities (set up, modify, delete) become effective immediately.

In case the amount changes to "0", the reservation is removed automatically. The reactivation is however possible during the business day via A2A and U2A (ModifyReservation).

This information is defined at the level of the RTGS DCA [or RTGS CB Account](#) and it is up to RTGS Account Holders [or RTGS CB Account Holder](#) to set up and maintain the current reservations in RTGS.

462185 EUROSISTEM UPDATE [[ECB/TSWG review](#)]: page 62 (RTGS UDFS-chapter 3.2.4 Messaging)

Adaption of cross-reference links Alignment with other chapters and correction of terminology.

[..]

Message subscription

Detailed information can be found in [the CRDM UDFS, chapter "Message subscription"](#).

Report configuration

RTGS Actors can configure one standard report (statement of accounts) that RTGS shall create during the end-of-day period (EoD). RTGS Actors can specify in their report configuration, whether such report shall be sent to the recipient immediately in A2A mode (push) or be stored for later ~~downloading-query~~.

[..]

~~463~~**186** EUROSYSTEM UPDATE [internal review]: page 64 (RTGS UDFS-chapter 3.2.6 Closing of accounts still containing a balance)

Credit line is only relevant in CLM

[..]

In case:

- | An account is foreseen to be closed as of next business day;
- | there is still money on that account at the business day event Start of EoD processing of the previous business day;

then RTGS will generate a ~~cash-liquidity~~ transfer ~~in the Start of EOD processing~~.

[..]

The same procedure is applied in case there is an account to be closed with negative balance ~~due to a granted credit line~~. In this case the debtor and creditor side change within the liquidity transfer.

[..]

187 EUROSYSTEM UPDATE [internal review]: page 64 (RTGS UDFS-chapter 3.3 Types of groups)

Adaption of cross-reference links.

[..]

Table 9 - Set-up of groups for RTGS

Further details on the set-up of the various groups are provided in the UHB, chapter "*Create a Cash Account Group*".

464188 EUROSISTEM UPDATE [internal review]: page 71, 72 (RTGS UDFS-chapter 3.5 Interaction between RTGS and CRDM)

Clarification on adhoc updates and alignment to other chapters

[..]

More details can be found in chapters [CRDM](#) [237] and [in the CRDM UDFS Dialogues and processes between CRDM and RTGS Actors](#).

[..]

The only exception is the blocking and unblocking of parties and accounts. This is done in CRDM and is propagated immediately to RTGS. ~~There is no ad-hoc update possible for contingency situations.~~

[..]

189 EUROSISTEM UPDATE [internal review]: page 71 (RTGS UDFS-chapter 3.5 Interaction between RTGS and CRDM)

Adaption of cross-reference links.

[..]

CRDM provides features that allow authorised users to set up, update, delete and query all reference data that are shared by multiple services/components (e.g. CLM or RTGS) for their processing activities.

More details can be found in chapters [CRDM](#) and in the [CRDM UDFS, chapter "Interactions with other services > TARGET Instant Payment Settlement and T2"](#) and [Dialogues and processes between CRDM and RTGS Actors](#).

465190 EUROSISTEM UPDATE [internal review]: page 78 (RTGS UDFS-chapter 4.3 Overview description of the business day)

Clarification on reference for CRDM processing

[..]

Reference data ~~can be~~ [are](#) captured [in CRDM](#). Details are provided in the [CRDM UDFS, chapter "Common Reference Data"](#) and in the [CRDM UHB, chapters "Party Management > Account Management"](#), ~~during all periods except for the maintenance window~~. Reference data valid [in RTGS](#) as

of the next business day must be captured [in CRDM](#) before the CLM event *Data propagation for T2*, with a planned time of 18:00 CET.

[..]

[466191](#)EUROSYSTEM UPDATE [internal review]: page 82 (RTGS UDFS-chapter 4.4.2.2 Settlement window for liquidity transfer orders)

Terminology update

[..]

Start of execution of standing order liquidity transfer orders in RTGS	<p>Event (not time-based):</p> <p><i>Execution of standing orders in RTGS</i></p> <p>The event <i>Execution of standing orders in RTGS</i> is processed after the successful completion of the execution of standing order liquidity transfer orders to RTGS in CLM.</p> <p>RTGS processes standing order liquidity transfer orders defined for the event <i>Execution of standing orders in RTGS</i>.</p> <p>RTGS processes standing order liquidity transfer orders in favour of sub-accounts (AS settlement procedure C) and AS technical accounts (AS settlement procedure D) initiated by start of mandatory procedure.</p> <p>Standing order liquidity transfer orders in favour of sub-accounts (AS settlement procedure C) initiated by AS start of optional procedure are possible after this event and the closure of the mandatory procedure.</p>
--	--

Table [2347](#) - Events and processes at the start of settlement window for liquidity transfer orders

[467192](#)EUROSYSTEM UPDATE [internal review]: page 83 (RTGS UDFS-chapter 4.4.3 Maintenance window)

Clarification on maintenance window

Optional maintenance window

On all other business days the maintenance window is activated on an optional basis. When activated, the optional maintenance window starts with the event *start of [optional](#) maintenance window* at a planned time of 03:00 CET and ends with the event *end of [optional](#) maintenance window* at a planned time of 05:00.

468193 EUROSISTEM UPDATE [internal review]: page 91 (RTGS UDFS-chapter 5.1.1**Overview - 5.1 File and message processing)**

Correction of typo in CR 62

[...]

When RTGS receives a file, it splits the file into individual messages and submits each message to the same message processing that RTGS uses when receiving individual messages from submitting actors. Files and messages that RTGS receives from submitting actors are subject to ~~both~~ a technical validation and a business validation.

[...]

469194 EUROSISTEM UPDATE [ECB/TSWG review]: page 92 (RTGS UDFS-chapter 5.1.3**Business validation)**

Correction of typo in CR 62

~~When entering a cash transfer order via U2A a number of pre-checks are already performed before the submission. After submission, a successful creation of the task for the cash transfer order is confirmed via a success information as real-time U2A response to the submission. For an unsuccessful attempt, the user is also directly informed via an U2A error information. Following the task creation, the U2A - entered cash transfer order follows the same rules like the ones which apply for inbound messages initiated via A2A with the exception that a possible error information has to be actively queried via U2A. Details on the U2A behaviour are provided in the RTGS UHB. When entering the cash transfer via U2A a number of pre-checks are already performed (kindly refer to the RTGS UHB). The successful creation of a cash transfer via U2A is confirmed via a success message to the U2A user whereas for an unsuccessful attempt the user is informed via an error notification (described in the UHB). Nevertheless the Business Validations are also performed for a cash transfer initiated via U2A after the successful creation of this cash transfer. The information to the creating party is then provided via A2A messages. Certain exceptions exist for U2A only users.~~

470195 EUROSISTEM UPDATE [ECB/TSWG review]: page 94 (RTGS UDFS-chapter 5.3.1**Instructing cash transfer orders)**

Alignment to other chapters and adaption of cross-reference links.

RTGS provides the full processing life cycle for cash transfer orders.

It processes cash transfer orders that it receives from:

I [...]

a multi-addressee^x, which is an entity authorised to submit and receive cash transferpayment orders directly to/from RTGS and that does not hold an own RTGS DCA.

Footnote: ^x In line with the RTGS Directory, the concept of multi-addressee is related to the BICs used in the BAH.

[..]

Note: The RTGS Directory provides information for RTGS Participants and parties that are addressable within RTGS (see CRDM UDFS, chapter "RTGS Directory > Structure" ~~chapter RTGS Directory~~).

The following table provides an overview of which type of cash transfer orders an actor can submit directly and indirectly to RTGS:

[..]

RTGS Actor / CB on behalf	Submis sion of cash transfer order	Cash transfer order types					
		PaymentR eturn (pacs.004)	Customer CreditTra nsfer (pacs.008)	FinancialInstitu tionCreditTrans fer (CORE and COV) (pacs.009)	FinancialIn stitutionDir ectDebit (pacs.010)	LiquidityCre ditTransfer (camt.050)	ASTransferI nitiation (pain.998)
Multi-addressee access participant	Directly	Yes	Yes	Yes	Yes	No Yes	No

Table 2425 - Possible cash transfer order types

[..]

474196EUROSYSTEM UPDATE [internal review]: page 97 (RTGS UDFS-chapter 5.3.1.2 Payments sent from a multi-addressee to an RTGS Account Holder)

Alignment with CR 62 and updated figure

A multi-addressee^x is an entity that an RTGS Account Holder/RTGS CB Account Holder has authorised to submit cash transfer orders for settlement on the RTGS DCA/RTGS CB Account of the RTGS Account Holder/RTGS CB Account Holder.

Footnote: ^x In line with the RTGS Directory, the concept of multi-addressee is related to the BICs used in the BAH.

[..]

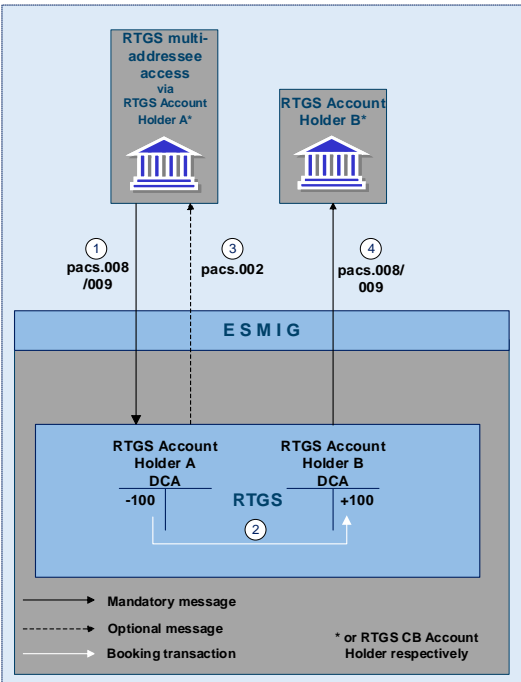


Figure 824 - Message flow example for a multi-addressee that sends a payment order

[..]	
2	RTGS validates the message and accepts the payment order when the message validation is successful. RTGS settles the payment order on the RTGS DCAs of RTGS Account Holders A and B (or RTGS CB Accounts of RTGS CB Account Holders respectively).
[..]	
4	In a mandatory processing step, RTGS creates and forwards through ESMIG the payment order (CustomerCreditTransfer (pacs.008) or (FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009)) to RTGS Account Holder B (or RTGS CB Account Holder respectively).

Table 2527 - Process description for figure - message flow example for a multi-addressee that sends a payment order

[..]

472197 EUROSISTEM UPDATE [ECB/TSWG review]: page 98 (RTGS UDFS-chapter 5.3.1.3 Instructing direct debits)

Alignment with other chaptersAdaption of cross-reference links.

[..]

For the attributes used in connection with the direct debit mandate see ~~chapter "Direct Debit Mandate" of the~~ CRDM UDFS, chapter "*Description of entities > Direct Debit Mandate*" and ~~parties - that are addressable within RTGS (see CRDM UDFS, chapter "RTGS Directory > Structure".~~

[..]

473198 EUROSISTEM UPDATE [internal review]: page 104 (RTGS UDFS-chapter 5.3.2 Cash transfer order priorities)

Addition of LiquidityCreditTransfer to default priority list as the message does not allow the provision of a priority but the default priority is to be used – correction of CR45; Addition of authorised RTGS Actor for LT submission - consistency with table on "Message types for initiation of liquidity transfers"

[..]

Cash transfer order description	Message	Standard (default) priority	Allowed priorities
Liquidity transfer order	<u>LiquidityCreditTransfer (camt.050) or</u> FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) with code word "SBTI"	Urgent	N/A

Table 2630 - Default priorities and allowed priorities by cash transfer order type

[..]

Priority	Cash transfer order type	Submitting actor
Urgent	Credit transfer order for an interbank payment (FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009))	CB
	Liquidity transfer order for an interbank payment (FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009)) with code word "SBTI"	RTGS Account Holder (or Authorised RTGS Actor)
	...	

Table 2734 - Eligible submission of priorities

[..]

474199EUROSYSTEM UPDATE [internal review]: page 106 (RTGS UDFS-chapter 5.3.3 Execution time)

Clarification on last settlement algorithm		
Processing	<ul style="list-style-type: none">RTGS submits the payment order for settlement when the earliest debit time as specified in the payment order is reached.If RTGS cannot settle the payment order immediately, RTGS places the payment order in the payment order queue with status "queued".If the payment order is not settled by the cut-off time for the payment order type or the reject time as specified in the payment order is reached, then RTGS rejects the payment order.	<p>If the payment order is not settled until the latest indicated debit time:</p> <ul style="list-style-type: none">Option A: RTGS rejects the payment order and sends a rejection notification;Option B: the payment order remains in the queue, and RTGS rejects the payment order <u>after the last settlement attempt</u> if the payment order remains unsettled <u>in the queue at until</u> the settlement cut-off time for the payment order type.

Table 2832 - Payment orders with a set execution time indicators

In case a payment order with a "latest debit time indicator" (option A or B) is not executed 15 minutes prior to the defined time, RTGS sends a U2A broadcast and in addition an A2A broadcast via SystemEventNotification (admi.004) if the respective party has subscribed for it. Such broadcast is sent to the RTGS Account Holder or RTGS CB Account Holder to be debited. Details on broadcasts are provided in chapter Broadcasts [Error! Bookmark not defined.240].

[..]

475200EUROSYSTEM UPDATE [internal review]: page 107 (RTGS UDFS-chapter 5.3.4 Warehoused payment orders)

Alignment with status concept
<p>On the indicated settlement day with the start of the settlement window for customer and interbank payments, the warehoused payment orders are processed by RTGS. These payment orders are processed with an entry timestamp identical to the start of the settlement window for customer and interbank payments and prior to incoming payment orders which have the same priority. With the exception of warehoused payments with an "earliest debit time indicator" that are <u>queued earmarked</u> until the set execution time is reached, they are immediately settled if enough liquidity is available (normal</p>

processing of payment orders in the entry disposition, see chapter [Entry disposition](#) [[Error! Bookmark not defined.](#)¹²⁴]). Otherwise they are queued until the settlement attempt is successful (see chapter [Dissolution of the payment queue](#) [[Error! Bookmark not defined.](#)¹³²]).

201 EUROSISTEM UPDATE [internal review]: page 108 (RTGS UDFS-chapter 5.3.5.1 Overview)

Adaption of cross-reference links.

[..]

Table 33 - Standard procedure for access to the backup payment functionality in the GUI

The RTGS UHB provides further information on backup payments in chapter "*Financial Institution Credit Transfer - New Screen*".

476202 EUROSISTEM UPDATE [internal review]: page 110 (RTGS UDFS-chapter 5.3.6 Rejection of cash transfer orders)

Alignment with status concept

[..]

Note: In case a rejection time is defined in the payment order, 15 minutes prior to the rejection time, an automated broadcast is triggered via U2A and shown on the GUI screen. An A2A broadcast ([SystemEventNotification \(admi.004\)](#) [[410](#)]) is sent in addition in case the respective actor has subscribed to [receive](#) ~~receiving~~ the A2A broadcast.

[..]

477203 EUROSISTEM UPDATE [internal review]: page 115 (RTGS UDFS-chapter 5.3.7 Payment order modification)

Correction on blocking

[..]

However, the authorised RTGS Actor is not entitled to submit payment order modifications in case the account to be debited is blocked ^{x2}. In that case only the responsible CB may modify payments.

Footnote ^{x2} For change of execution time related to a direct debit payment order, the account to be credited is the relevant one.

[..]

478204EUROSYSTEM UPDATE [internal review]: page 115 (RTGS UDFS-chapter 5.3.8
Payment order revocation and payment recall)

Correction of CR 62, consistency with processes for mandatory camt.029 to recall submitter for negative payment order recall

[..]

Example 2- Negative recall

The following figure provides a simplified example of a negative recall (i.e. recipient refuses returning the funds)

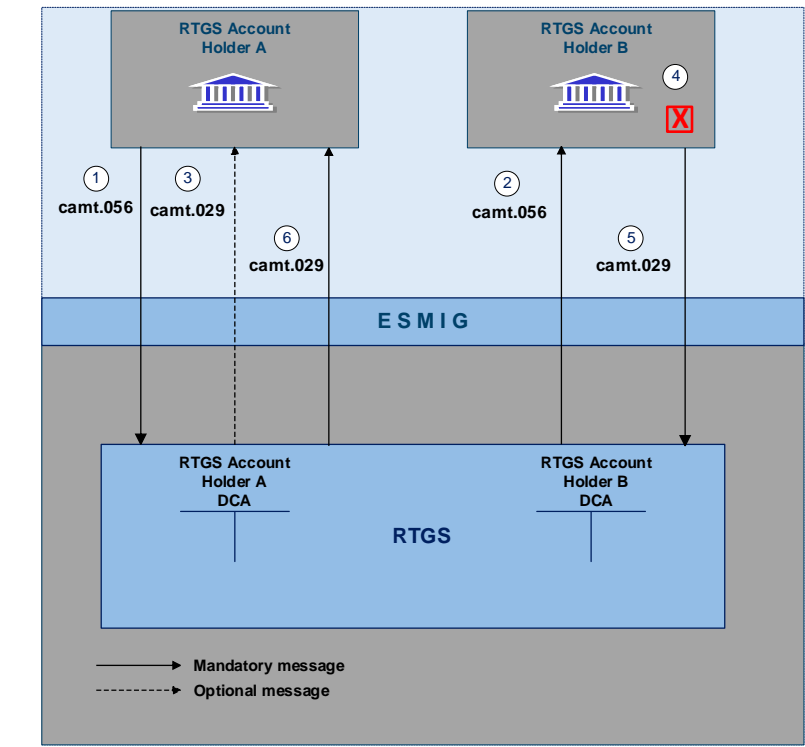


Figure 928 - Message flow example for a negative payment order recall

[...]

6	RTGS sends a ResolutionOfInvestigation (camt.029) on an optional basis through ESMIG to the RTGS Account Holder A to inform that RTGS Account Holder B has rejected the recall request.
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Table 2939 - Process description for figure - message flow example for a negative payment order recall

~~479~~**205** EUROSISTEM UPDATE [internal review]: page ~~118~~, 119 (RTGS UDFS-chapter 5.3.9.1.1 General remarks)

Clarification on terminology

[...]

Influencing factors

The cash transfer processing in RTGS is inter alia influenced by the following factors:

I balance on the RTGS DCA;

I defined current limits;

I reservations;

I used priority;

I order of submitted cash transfers;

I opposing cash transfers and synchronisation of submitted cash transfers;

I set execution time.

[...]

Note: This automated liquidity transfer order which aims at transferring liquidity from RTGS to CLM is put on top of the urgent queue in RTGS. As soon as a new automated liquidity transfer order arrives in RTGS, RTGS rejects the previously queued automated liquidity transfer order and considers only the current one with the sum of all queued/pending CBOs or to execute the seizure of funds or to reduce the credit line.

[...]

480206EUROSYSTEM UPDATE [internal review]: page 119, **120** (RTGS UDFS-chapter 5.3.9.1.2 Settlement of cash transfers in the entry disposition)

Clarification on terminology

The entry disposition includes the processing of payment orders, liquidity transfer orders and AS transfer orders related to AS **settlement** procedure A (debit leg), AS settlement procedure D and AS settlement procedure E.

[..]

In addition, in case of normal cash transfer orders, defined current limits also have to be considered.

[..]

484207EUROSYSTEM UPDATE [internal review]: page 122f, **3** (RTGS UDFS-chapter 5.3.9.2 Comprehensive queue management)

Clarification on effect of priority change – consistency update and adaption of cross-reference links.

[..]

Further details on the interventions done in U2A can be found in the RTGS UHB, chapter "Modify cash transfer order".

[...]

Change of a normal payment order into a high priority payment order	<div><div></div><div>If the payment order changed from normal to high it is moved to the top of the queued the high priority payment orders s <u>queue by taking into account the initial submission time. In case the changed payment order is on top of the queue and if</u> if no urgent payment orders are queued, an immediate attempt to settle the high priority payment order following the FIFO principle takes place.</div></div> <div><div></div><div>Otherwise, no immediate attempt to settle this high priority payment order.</div></div>
---	---

Table 3045 - Effect of changed priority

[..]

Details on the processing in case of changing the execution time via A2A using a ModifyTransaction (camt.007) can be found in chapter Modify RTGS payment order.

482208 EUROSISTEM UPDATE [internal review]: page 129, 131, 132 (RTGS UDFS-chapter 5.3.9.3.2 Settlement of queued normal payments)

Clarification on terminology and on effect of priority change – consistency update

[..]

Uncovered payment orders or payment orders which breach defined current limits are retained (in the same manner as in algorithm "partial optimisation").

[..]

If the selected payment / AS transfer order is an AS transfer order ~~payment instruction~~ using AS settlement procedure B also all other ~~payment~~ AS transfer orders of the respective ancillary system ~~batchfile~~ are retained from the optimisation process.

[..]

If algorithm "partial optimisation with ancillary system" is running and during this time the entry time of another ancillary system using AS settlement procedure B is reached, the AS ~~payment instructions~~ transfer orders have to wait until the current algorithm "partial optimisation with ancillary system" ends and the next one starts after the minimum interval.

[..]

209 EUROSISTEM UPDATE [internal review]: page 132 (RTGS UDFS-chapter 5.3.9.4 Treatment of backup payments in the settlement process)

Adaption of cross-reference links.

[...]

These payment orders can be queried like any other queued payment orders in U2A. Further details can be found in the RTGS UHB, chapter "Query/List cash transfers".

483210 EUROSISTEM UPDATE [internal review]: page 134, 136 (RTGS UDFS-chapter 5.4.1 Overview)

Clarification on AS technical account terminology

[..]

AS settlement procedure D	<p>This AS settlement procedure settles AS transfer orders (i.e. liquidity transfers) on an AS technical account.</p> <p>This AS settlement procedure allows an AS settlement bank to dedicate liquidity for the settlement of a specific ancillary system. The AS settlement bank achieves this by allocating the needed liquidity to the respective AS technical account. AS settlement procedure D uses a mandatory procedure.</p>
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Table - AS settlement procedures

[..]

RTGS DCA/RTGS CB Account	AS settlement bank	Used as an RTGS DCA/an RTGS CB Account for the settlement of real-time payments and AS transfers	Can be used in all procedures except for AS settlement procedure C where the sub-account is to be debited
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Table 3153 - Account types and their ownership

[..]

AS technical account	Ancillary system or CB	Used as: <ul style="list-style-type: none">intermediary account for the collection of debits and credits resulting from the settlement of <i>AS</i> transfers related to settlement procedure A, B, C or E;for prefunding in the context of <i>AS</i> settlement procedure D.	<p>One dedicated AS technical account is to be opened for each AS settlement procedure used.</p> <p>Only for AS settlement procedure E it is possible to reuse the AS technical account from AS settlement procedure C.</p>
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Table 3253 - Account types and their ownership

[..]

Additionally, AS settlement banks can rely on GUI broadcast and, if subscribed, in addition also on A2A broadcasts [via SystemEventNotification \(admi.004\)](#) for defined business cases.

[..]

[484211](#) EUROSISTEM UPDATE [internal review]: page 138ff (RTGS UDFS-chapter 5.4.2 AS settlement procedure A)

Clarification on RTGS CB Account Holder in figure and respective table including correction of CR45

[..]

Due to the peculiarities of the settlement, i.e. in order to ensure that after the settlement of debits the needed amount is present on the AS technical account and not used for other purposes in the framework AS transfer processing, a dedicated AS technical account for AS settlement procedure A is to be used and cannot be reused for any other AS settlement procedure.

[..]

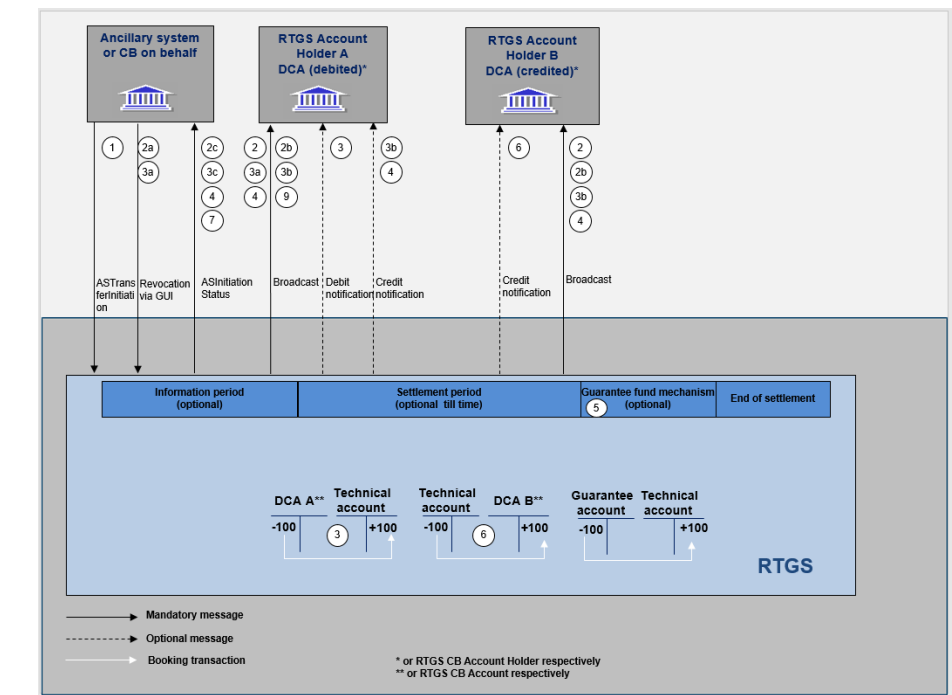


FIGURE - FLOW STANDARD MULTILATERAL SETTLEMENT (AS SETTLEMENT PROCEDURE A)

[..]

Phase	Step	Processing in/between	Description
Initiation	1	Ancillary system via ESMIG to RTGS	The ancillary system (or the relevant CB on its behalf) sends an <i>ancillary system</i> batch message (ASTransferInitiation (pain.998)) with all multilateral balances to be debited and credited on the AS settlement banks' RTGS DCAs/RTGS CB Accounts.
Information period	2	RTGS	If the "Information Period" option is used, all <i>AS settlement banks</i> included in the AS batch message receive via GUI the broadcast notification on the start of the information period (In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up). If no <i>AS settlement bank</i> disagrees (the suitable communication means has to be agreed within the contractual relationship with the ancillary system) during the information period, the processing continues.
	2a	RTGS	The AS or the CB of the AS revokes the full <i>AS</i> batch message via GUI.
	2b	RTGS via ESMIG to <i>AS settlement banks</i>	After disagreement all involved <i>AS settlement banks</i> included in the AS batch message are informed via GUI broadcast about failure of settlement due to revocation. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.
	2c	RTGS via ESMIG to ancillary system	The ancillary system is informed about the settlement failure due to disagreement via ASInitiationStatus(pain.998) message. Processing stops.
Settlement of debit positions	3	RTGS	Debits are processed for settlement. Once all debits are settled, the credits are processed immediately after. The settlement takes place with debiting the related AS settlement banks' RTGS DCAs/RTGS CB Accounts and crediting the AS technical account. Each debit is checked against the liquidity available in the related AS settlement banks' RTGS DCAs/RTGS CB

Phase	Step	Processing in/between	Description
			Accounts. If the liquidity covers the needed amount, the AS transfer is settled. The AS settlement banks receive a debit notification (BankToCustomerDebitCreditNotification (camt.054)) after successful execution of their debit, if subscribed. If liquidity is not sufficient the AS transfer is posted in queue. The AS settlement bank included in the AS batch message whose payment was posted in queue is informed about the queuing by a GUI broadcast message.
	3a	RTGS	The AS settlement banks impacted by the queuing of the AS batch message on debit side are informed about queuing by a GUI broadcast message. (Note: It is not foreseen to provide this broadcast in A2A.) Immediately after putting the group of debits in the queue, the optimisation process starts (settlement algorithms). Queued AS transfers are settled by resolving the queue. The ancillary system or the CB of the ancillary system is allowed to revoke the AS batch message as long as it is not final.
	3b	RTGS via ESMIG to AS settlement banks	A GUI broadcast is sent to all AS settlement banks included in the AS batch message informing about the settlement failure due to revocation. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up. Already settled AS transfers are reversed and a credit notification (BankToCustomerDebitCreditNotification (camt.054)) is sent to the previously debited AS settlement banks, if subscribed.
	3c	RTGS via ESMIG to ancillary system	The ancillary system is informed about the settlement failure due to revocation via ASInitiationStatus(pain.998) message.
	4	RTGS	If the ancillary system (or the relevant CB on its behalf) has indicated a Settlement Period ("till") time, RTGS - if related AS transfers are still queued - continuously checks whether the time limit is reached. If the time limit is exceeded, and guarantee fund mechanism is not set up, the settlement fails and the whole AS batch message is rejected. Consequently RTGS triggers

Phase	Step	Process ing in/betw een	Description
			<p>the reversing procedure. Already settled AS transfers are reversed and a credit notification (BankToCustomerDebitCreditNotification (camt.054)) is sent to the previously debited AS settlement banks, if subscribed.</p> <p>The ancillary system is notified about the settlement failure with an ASInitiationStatus (pain.998) message, all <i>AS settlement banks</i> included in the AS batch message receive a GUI broadcast informing about the failed settlement. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.</p>
	5	RTGS	<p>If the time limit is exceeded and the guarantee fund mechanism is set up, it can be activated according to the agreed procedures. For details such as the involved messages and notifications refer to chapter Optional connected mechanisms [Error! Bookmark not defined.174].</p>
Settlement of credit positions	6	RTGS	<p>RTGS processes all credits. The <i>AS settlement banks</i> are informed via a credit notification (BankToCustomerDebitCreditNotification (camt.054)) on an optional basis.</p>
End of settlement	7	RTGS via ESMIG to ancillary system	<p>After all AS transfers have been settled the ancillary system (or the relevant CB on its behalf) receives a notification (ASInitiationStatus(pain.998)), confirming the settlement of the entire AS batch message.</p>

Table 3354 - Process flow for standard multilateral settlement

[..]

212EURO UPDATE ITSWG comment by BdE, ID1=71: page 143 (RTGS UDFS-chapter 5.4.3 AS settlement procedure B)

Editorial change

[...]

Phase	Step	Processing in/between	Description
Initiation	1	Ancillary system via ESMIG to RTGS	The ancillary system (or the relevant CB on its behalf) sends an AS batch message (ASTransferInitiation (pain.998)) with all multilateral balances to be debited and credited on the AS settlement banks' RTGS DCAs/RTGS CB Accounts.
Information period	2	RTGS	If the information period option is used, all AS settlement banks included in the AS batch message receive via GUI the broadcast notification on the start of the information period (In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.). If no AS settlement bank disagrees (the suitable communication means have to be agreed within the contractual relationship with the ancillary system) during the information period, the processing will continue.
	2a	RTGS	The AS or the CB of the AS The ancillary system (or the relevant CB on its behalf) revokes the full AS batch message via GUI.

485213 EUROSISTEM UPDATE [internal review]: page 143 (RTGS UDFS-chapter 5.4.3 AS settlement procedure B)

Clarification on RTGS CB Account Holder in figure and respective table including correction of CR45

[..]

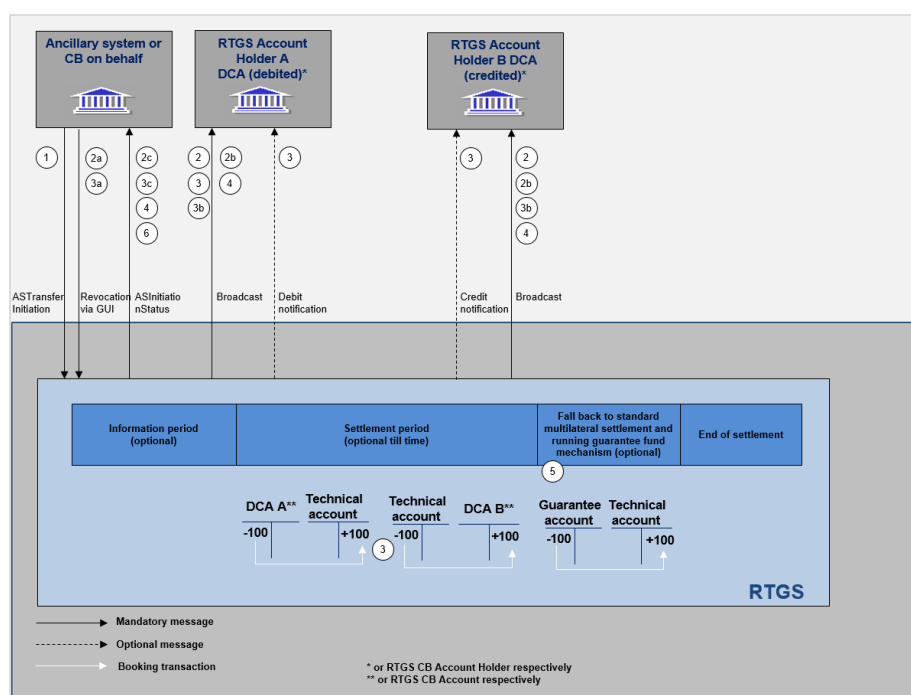


Figure 31 - Flow simultaneous multilateral settlement (AS settlement procedure B)

[..]

Phase	Step	Processing in/between	Description
Initiation	1	Ancillary system via ESMIG to RTGS	The ancillary system (or the relevant CB on its behalf) sends an AS batch message (ASTransferInitiation (pain.998)) with all multilateral balances to be debited and credited on the AS settlement banks' RTGS DCAs/RTGS CB Accounts.
Information period	2	RTGS	If the information period option is used, all AS settlement banks included in the AS batch message receive via GUI the broadcast notification on the start of the information period (In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.). If no AS settlement bank disagrees (the suitable communication means

Phase	Step	Processing in/between	Description
			have to be agreed within the contractual relationship with the ancillary system) during the information period, the processing will continue.
	2a	RTGS	The AS or the CB of the AS revokes the full AS batch message via GUI.
	2b	RTGS via ESMIG to AS settlement banks	After disagreement all AS settlement banks included in the AS batch message are informed via GUI broadcast about failure of settlement due to revocation. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.
	2c	RTGS via ESMIG to ancillary system	The ancillary system is informed about the settlement failure due to disagreement via ASInitiationStatus (pain.998) message. Processing stops.
Settlement	3	RTGS	<p>In case no revocation due to disagreement applies, debits and credits are processed simultaneously for settlement using the optimisation algorithm. RTGS checks that there is sufficient liquidity to settle all debit and credit AS transfers of an ancillary system simultaneously. If this check successfully passes, all debit and credit AS transfers are settled simultaneously. The AS settlement banks receive a notification (BankToCustomerDebitCreditNotification (camt.054)) after successful execution of their debits and credits, if subscribed.</p> <p>If the check fails, all linked AS transfers remain in the queue and the partial optimisation with ancillary system algorithm is triggered again.</p> <p>After each unsuccessful settlement attempt a GUI broadcast is sent to all AS settlement banks included in the AS batch message to be debited. (Note: It is not foreseen to provide this broadcast in A2A)</p>
	3a	RTGS	The ancillary system or the CB of the ancillary system is allowed to revoke the AS batch message (ASTransferInitiation(pain.998)) as long as it is not final.
	3b	RTGS via ESMIG to AS settlement banks	A broadcast is sent to all the involved AS settlement banks informing about the settlement failure due to revocation. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.

Phase	Step	Processing in/between	Description
	3c	RTGS via ESMIG to ancillary system	The ancillary system is informed about the settlement failure due to revocation via ASInitiationStatus(pain.998) message.
	4	RTGS	If the ancillary system (or the relevant CB on its behalf) has indicated a settlement period ("till"), RTGS - if related AS transfers are still unsettled - continuously checks whether the time limit is reached. If the time limit is exceeded, and guarantee fund mechanism is not set up, the settlement fails and the AS batch message is rejected. The ancillary system is notified of the settlement failure with ASInitiationStatus(pain.998) message, all AS settlement banks included in the AS batch message receive a GUI broadcast informing about the failed settlement attempt. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.
	5	RTGS	<p>If the time limit is exceeded and the guarantee fund mechanism is set up, it can be activated according to the agreed procedures. Further details are provided in the chapter Optional connected mechanisms [Error! Bookmark not defined.474].</p> <p>In order to identify the AS transfers not covered, all AS transfers are transferred into AS settlement procedure A and a single settlement attempt is made (i.e. first all debits are executed, see chapter AS settlement procedure A [Error! Bookmark not defined.445]). Only afterwards the guarantee fund mechanism is started. In such a scenario, it has to be kept in mind that the execution of debits and credits is not simultaneous anymore. This behaviour also implies that, in case the guarantee mechanism ends unsuccessfully (i.e. an error within the ancillary systems guarantee procedures), a reversal of the already settled debits is to be executed and credit notification (BankToCustomerDebitCreditNotification (camt.054)) is sent to the previously debited RTGS DCA/RTGS CB Account Holders.</p>
End of settlement	6	RTGS via ESMIG to ancillary system	After all AS transfers have been settled the ancillary system (or the relevant CB on its behalf) receives a notification (ASInitiationStatus(pain.998)), confirming the settlement of the AS batch message.

Table 3457 - Process flow for simultaneous multilateral settlement

[..]

486214EUROSYSTEM UPDATE [internal review]: page 151 (RTGS UDFS-chapter 5.4.4.1 AS settlement procedure C)

Clarification on retransfer from RTGS sub-account, Clarification on RTGS CB Account Holder in figure

[..]

This happens whenever the liquidity on sub-accounts changes (by standing order liquidity transfer orders or immediate liquidity transfer orders) or by providing the result of the settlement instructed by the ancillary systems (i.e. ASInitiationStatus([pain.998](#))).

[..]

- | The ancillary system sending an ATransferInitiation ([pain.998](#)) debiting the AS settlement banks' RTGS DCA/RTGS CB Account and crediting the same AS settlement bank's sub-account (immediate liquidity transfer order).

[..]

Table 3559 - Amounts taken into account [for AS settlement procedure C](#)

[..]

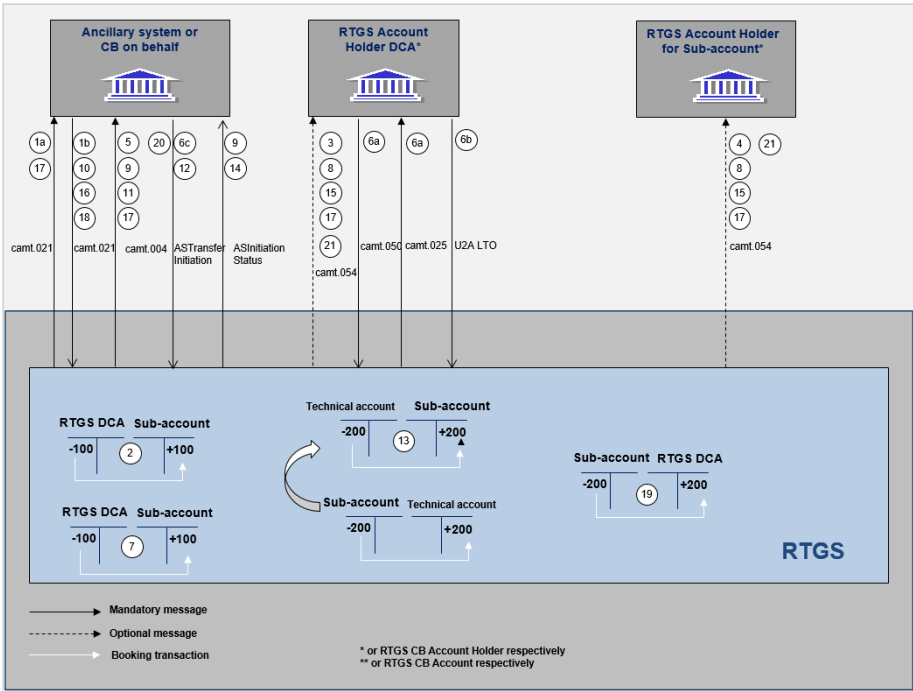


Figure - Flow settlement on sub-accounts (AS settlement procedure C)

[..]

Phase	Step	Processing with	Description
Settlement	12	Ancillary system (or CB on behalf) via ESMIG to RTGS	The ancillary system instructs the AS transfers with an ASTransferInitiation (pain.998).
...			
Settlement	14	RTGS via ESMIG to ancillary system (or CB on behalf)	After the end of the settlement the ancillary system receives one message as confirmation. The message contains a list of the credits and debits settled (ASInitiationStatus(pain.998)). If some transactions are not settled until the end of cycle, the ASInitiationStatus(pain.998) is sent at the end of the cycle with the individual status of each transaction.
...			
End of cycle	16	Ancillary system (or CB on behalf) via ESMIG to RTGS	Ancillary system (or CB on behalf) sends an end of cycle message to RTGS (camt.021 , ReturnGeneralBusinessInformation (camt.021)) (optional in U2A via GUI).
...			
End of procedure	20	RTGS via ESMIG to ancillary system (or CB on behalf)	The ancillary system is informed via camt.004 ReturnAccount (camt.004) on the back transfer of liquidity if the procedure is closed by the AS. In case the procedure is not closed by the end of the settlement window for AS transfers, RTGS does not provide the ReturnAccount (camt.004).

Table 3660 - Start of procedure and liquidity provision for settlement on sub-accounts (AS settlement procedure C)

Note: Any retransfer from the RTGS sub-account are exclusively done to the linked RTGS DCA.

Used messages

[..]

487215EUROSYSTEM UPDATE [internal review]: page 156ff (RTGS UDFS-chapter 5.4.4.2 AS settlement procedure D)

Clarification on RTGS CB Account Holder in figure

[..]

This happens whenever the liquidity on this account changes (by standing order liquidity transfer orders or immediate liquidity transfer orders) or by providing the result of the settlement instructed by the ancillary system (i.e. ASInitiationStatus(pain.998)).

[..]

- The ancillary system sending an ASTransferInitiation(pain.998) debiting the AS settlement banks' RTGS DCAs/RTGS CB Accounts and crediting the AS technical account (immediate liquidity transfer order).

[..]

Table 3761 - Amounts taken into account for AS settlement procedure D

[..]

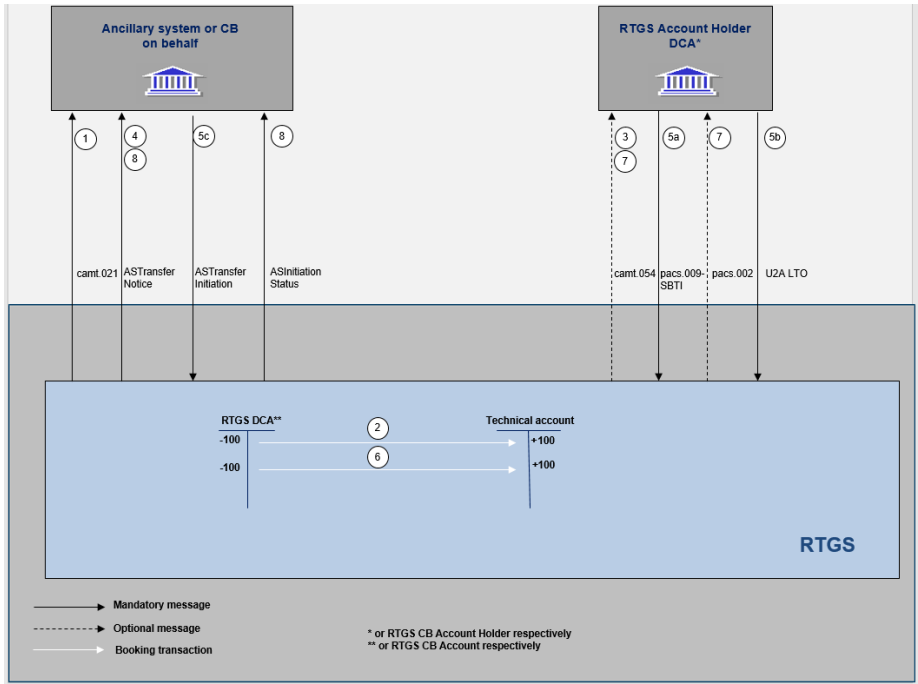


Figure 1034 - Flow of settlement to AS technical account (AS settlement procedure D)

[..]

Standing order liquidity transfer order execution	4	RTGS via ESMIG to ancillary system	The ancillary system is notified of the credit of the AS technical account for the amounts actually settled and the resulting balance on the AS technical account (ASTransferNotice(pain.998)).
Liquidity adjustment	5c	Ancillary system via ESMIG to RTGS	<p>The ancillary system can take over the responsibility to manage the liquidity on the AS technical account by sending liquidity transfer order via ASTransferInitiation(pain.998) to RTGS. The ancillary system cannot set standing order liquidity transfer orders on behalf of its AS settlement bank. To provide such a functionality the ancillary system has to store and manage its own procedure outside the RTGS and send them at the appropriate time as immediate liquidity transfer orders.</p> <p>Reverse liquidity transfers orders issued by the AS aiming at debiting the AS technical account and crediting the RTGS DCAs/RTGS CB Accounts are also possible.</p>
Liquidity adjustment	8	RTGS via ESMIG to ancillary system	<p>Notified to the ancillary system:</p> <ul style="list-style-type: none"> with ASTransferNotice when the AS settlement bank has issued the immediate liquidity transfer order including the resulting balance on the AS technical account (via A2A (FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009)-SBTI) or U2A); with ASInitiationStatus(pain.998) when the ancillary system has issued the immediate liquidity transfer order (via A2A (ASTransferInitiation (pain.998)-ASTI)).

Table 3862 - Start of procedure and liquidity provision for settlement to AS technical account (AS settlement procedure D)

[..]

188216 EUROSISTEM UPDATE [internal review]: page 161ff (RTGS UDFS-chapter 5.4.4.3 Cross-ancillary system settlement)

Clarification on AS technical account terminology

[..]

Such transfers are always instructed by the ancillary system (or its CB on behalf) as a single AS transfer via an ASTransferInitiation([pain.998](#)).

[..]

AS using AS settlement procedure D to an AS using AS settlement procedure C

With this AS transfer the AS technical account of the sending ancillary system on behalf of an AS settlement bank is debited in order to credit the **RTGS** sub-account of one of the AS settlement banks of the receiving ancillary system. The receiving ancillary system is notified with an ASTransferNotice([pain.998](#)) about the incoming liquidity on the **RTGS** sub-account including the information of the resulting balance. The receiving ancillary system has the possibility to use this credit immediately. The sending ancillary system or its CB on behalf is notified with an ASInitiationStatus([pain.998](#)) about the outcome of the request. On an optional basis the AS settlement bank of the receiving ancillary system is notified with a credit notification (BankToCustomerDebitCreditNotification (camt.054)). If the settlement request was sent by the CB on behalf of the sending ancillary system, then it is notified on its execution with a ReturnAccount([camt.004](#)) message.

AS using AS settlement procedure D to an AS using AS settlement procedure D

With this AS transfer the AS technical account of the sending ancillary system on behalf of an AS settlement bank is debited in order to credit the AS technical account of the receiving ancillary system in favour of one of the AS settlement banks. The receiving ancillary system is notified with an ASTransferNotice([pain.998](#)) about the incoming liquidity including the information of the resulting balance. The receiving ancillary system has the possibility to use this credit immediately. The sending ancillary system or its CB on behalf is notified with an ASInitiationStatus([pain.998](#)) about the outcome of the request. If the settlement request was sent by the CB on behalf of the sending ancillary system, then it is notified on its execution with a ReturnAccount([camt.004](#)) message.

AS using AS settlement procedure C to an AS using AS settlement procedure C

With this AS transfer the **RTGS** sub-account of an AS settlement bank of the sending ancillary system is debited in order to credit the **RTGS** sub-account of one of the AS settlement banks of the receiving ancillary system. The receiving ancillary system is notified with an **ASTransferNotice**([pain.998](#)) about the incoming liquidity to the **RTGS** sub-account including the information of the resulting balance. The receiving ancillary system has the possibility to use this credit immediately. In case the liquidity on the **AS** technical account is insufficient, the AS transfer is rejected. RTGS rejects the AS transfer when the liquidity on the **RTGS** sub-account is insufficient. The sending ancillary system or its CB on behalf is notified with an **ASInitiationStatus**([pain.998](#)) of the outcome of the request. On an optional basis the AS settlement banks of the receiving and sending ancillary systems are notified with credit/debit notifications (**BankToCustomerDebitCreditNotification** (camt.054)). If the settlement request was sent by the CB on behalf of the sending ancillary system, then it is notified on its execution with a **ReturnAccount**([camt.004](#)) message.

AS using AS settlement procedure C to an AS using AS settlement procedure D

With this AS transfer the **RTGS** sub-account of an AS settlement bank of the sending ancillary system is debited in order to credit the AS technical account of the receiving ancillary system in favour of one of the AS settlement banks. The receiving ancillary system is notified with an **ASTransferNotice**([pain.998](#)) about the incoming liquidity including the information of the resulting balance. The receiving ancillary system has the possibility to use this credit immediately. In case the liquidity on the **AS** technical account is insufficient, the AS transfer is rejected. In case the liquidity on the **RTGS** sub-account is insufficient, the AS transfer is rejected. The sending ancillary system or its CB on behalf is notified with an **ASInitiationStatus**([pain.998](#)) of the outcome of the request. On an optional basis the AS settlement bank of the sending ancillary system is notified with a debit notification (**BankToCustomerDebitCreditNotification** (camt.054)). If the settlement request was sent by the CB on behalf of the sending ancillary system, then it is notified on its execution with a **ReturnAccount**([camt.004](#)) message.

217 EURO UPDATE [TSWG comment by BdE, ID1=8&9]: page 164 (RTGS UDFS-chapter 5.4.5 AS settlement procedure E

Editorial change

[...]

Phase	Step	Processing in/between	Description
Information period	2	RTGS	If the "Information Period" option is used, all involved AS settlement banks included in the AS batch message receive via GUI the broadcast notification on the start of the information

Phase	Step	Processing in/between	Description
			period. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up. If no AS settlement bank disagrees (the suitable communication means have to be agreed within the contractual relationship with the ancillary system) during the information period, the processing will continue.
	2a	RTGS	The relevant CB or the AS The ancillary system (or the relevant CB on its behalf) will revoke the pertaining AS transfer orders via GUI one by one.

[...]

Settlement	3a	RTGS	The CB of the ancillary system or the AS The ancillary system (or the relevant CB on its behalf) is allowed to revoke AS transfers as long as they are not final.
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489218 EUROSISTEM UPDATE [internal review]: page 162ff (RTGS UDFS-chapter 5.4.5 AS settlement procedure E)

Clarification on AS technical account terminology and RTGS CB Account Holder
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Basics

Ancillary systems can benefit of the bilateral settlement of simultaneously sent debits and credits that shall be processed independently from each other. The ancillary system may send one to many (up to a parameter currently defined at 20,000 for ancillary systems opting for global notifications and 3,000 for ancillary systems opting for single notification) AS transfer orders in one AS batch message (ASTransferInitiation([pain.998](#))). Any of those AS transfers is processed individually within RTGS. The ancillary system may use the AS settlement procedure E also to settle multilateral balances by using an [AS](#) technical account. This can be achieved by creating debits first (debit RTGS DCA/RTGS CB Account and credit [AS](#) technical account) and only sending the batch of credits (debiting [AS](#) technical account and crediting RTGS DCA/RTGS CB Account) after successful settlement of the debits.

Although it is possible to use the [AS](#) technical accounts used for AS settlement procedure C, it is recommended to use a dedicated [AS](#) technical account for procedure E for segregation purposes.

Based on the option chosen in reference data, the ancillary system can receive a global notification after finalisation (settlement, ~~revocation~~~~cancellation~~ or rejection) of all individual AS transfers sent within one AS batch message or for each single AS transfer.

[..]

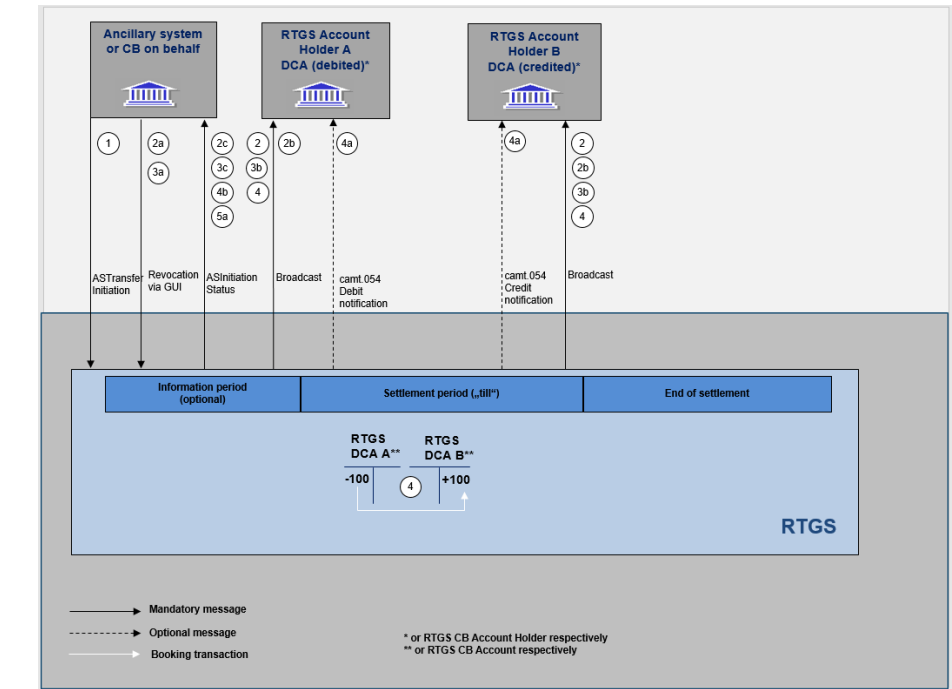


Figure 34 - Flow of the bilateral settlement of simultaneously sent debits and credits (AS settlement procedure E)

[..]

Phase	Step	Processing in/between	Description
Initiation	1	Ancillary system via ESMIG to RTGS	The ancillary system (or the relevant CB on its behalf) sends an ancillary system batch message (ASTransferInitiation(pain.998)) including all individual AS transfer orders. On an optional basis those AS transfer orders may include the AS technical account on debit or credit side.
Information period	2	RTGS	If the "Information Period" option is used, all involved AS settlement banks included in the AS batch message receive via GUI the broadcast notification on the start of the information period. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up. If no AS settlement bank disagrees (the suitable communication means have to be agreed within the contractual relationship with the ancillary system) during the information period, the processing will continue.
	2a	RTGS	The relevant CB or the AS will revoke the pertaining AS transfer orders via GUI one by one.
	2b	RTGS via ESMIG to AS settlement banks and ancillary system	After disagreement all AS settlement banks included in the revocation of the single AS batch messages are informed via GUI broadcast about failure of settlement due to revocation. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.
	2c	RTGS via ESMIG to ancillary system	In case of single notification an ASInitiationStatus(pain.998) message for the revoked AS transfer orders is sent to the ancillary system. If all included AS transfer orders were revoked, also ancillary systems opting for global notification will be informed via ASInitiationStatus(pain.998) message. The ancillary system is informed via broadcast on the settlement failure.
Settlement	3a	RTGS	The CB of the ancillary system or the AS is allowed to revoke AS transfers as long as they are not final.

Phase	Step	Processing in/between	Description
	3b	RTGS via ESMIG to AS settlement banks and ancillary system	A broadcast is sent to the ancillary system and to all relevant AS settlement banks involved in the AS batch message informing about the revoked payment AS transfer. In addition it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up.
	3c	RTGS via ESMIG to ancillary system	In case of single notification the ancillary system is informed about the settlement failure of the pertaining AS transfers due to revocation via ASInitiationStatus(pain.998) message. In case of global notification the ASInitiationStatus(pain.998) is only sent after all AS transfer orders reached a final status.
	4	RTGS	The settlement takes place with the debit/credit of the pertinent accounts in RTGS (either RTGS DCAs/RTGS CB Accounts or AS technical account). Each debit component is checked against the liquidity available in the pertinent account. If the liquidity covers the needed amount, the AS transfer is settled (both on the debit and on the credit side). If liquidity is not sufficient the AS transfer is posted in the waiting queue and the AS settlement banks (debit and credit side) are is informed via GUI broadcast (Note: It is not foreseen to provide this broadcast in A2A).
	4a	RTGS via ESMIG to AS settlement banks	If subscribed to, the AS settlement banks are informed via BankToCustomerDebitCreditNotification (camt.054) about the successful settlement on the RTGS DCAs/RTGS CB Accounts.
	4b	RTGS via ESMIG to ancillary system	In case of single notification the ancillary system is informed about the settlement of the pertaining AS transfers via single ASInitiationStatus(pain.998) messages. In case of global notification the ASInitiationStatus(pain.998) is only sent after all AS transfer orders reached a final status.

Phase	Step	Processing in/between	Description
End of settlement	5	RTGS	If the AS (or the relevant CB on its behalf) has indicated a settlement period ("till") time, RTGS continuously checks whether the time limit is reached and the AS transfers are still queued. If the time limit is exceeded the settlement fails and the AS transfers not yet settled are rejected. The same applies at the start of the EoD in case no settlement period ("till") option is used.
	5a	RTGS via ESMIG to ancillary system	The ancillary system is informed in case of single notification for each AS transfer rejected at end of settlement period or EoD respectively. For ancillary systems opting for global notification, a single ASInitiationStatus(pain.998) is sent informing about the status of each of the AS transfers (i.e. in case of full settlement only the successful settlement of the AS batch is indicated while in case of partial settlement the single status are returned).

Table 3964 - Process flow for AS settlement procedure E

490219 EUROSISTEM UPDATE [internal review]: page 166 (RTGS UDFS-chapter 5.4.6.1 General aspects)

Clarification on ASTransferInitiation

[..]

In order to use one or several of these optional connected mechanisms, the ancillary system either has to fill specific fields of the ASTransferInitiation([pain.998](#)) or to rely on reference data (guarantee fund mechanism).

[..]

220 EURO UPDATE [TSWG comment by BdE, ID1=10]: page 167 (RTGS UDFS-chapter 5.4.6.2 Information period)

Editorial change

[...]

Under certain circumstances AS settlement banks have the possibility to disagree on specific balances before the settlement takes place. The business rules and regulations for disagreements need to be defined by the ancillary system and the relevant CB. RTGS technically always allows the ancillary system and the relevant CB on behalf AS and the CB on behalf of the AS to revoke AS batches or

individual AS transfer orders in the context of AS settlement procedure A, B and E...

**491221 EUROSISTEM UPDATE [internal review]: page 167 (RTGS UDFS-chapter 5.4.6.2
Information period)**

Clarification on CR 62 and for RTGS CB Account Holder

[..]

The information period option can be used by indicating a specific end time (within the operational hours for AS processing) or duration (the calculated end time as well has to be within the operational hours for AS processing) within an ASTransferInitiation([pain.998](#)) message.

[..]

Under certain circumstances AS settlement banks have the possibility to disagree on specific balances before the settlement takes place. The business rules and regulations for disagreements need to be defined by the ancillary system and the relevant CB. RTGS technically always allows the AS and the CB on behalf of the AS to revoke AS batches or individual AS transfer orders in the context of AS settlement procedure A, B and E, i.e. ~~if~~ there is no parameter controlling whether disagreement procedures are defined or not on the level of ancillary systems, their AS settlement banks and the ancillary system's CB.

Process flow

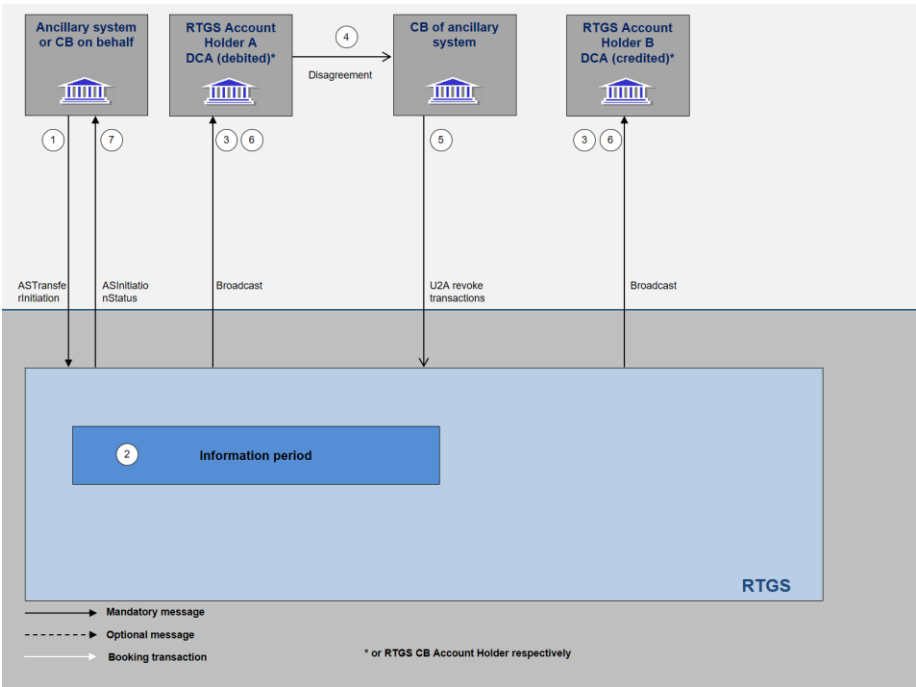


FIGURE 1136 - FLOW INFORMATION PERIOD

Action	Step	Interaction	Description
Initiation	1	Ancillary system (or CB on behalf) via ESMIG to RTGS	The ancillary system or the CB on behalf of the ancillary system sends the ASTransferInitiation(pain.998) with the information period indicated in the GroupHeader. RTGS uses the indicated time or duration for the start of the settlement period.
Information period	2	RTGS	Immediately after reception and positive validations the information period starts.
	3	RTGS via ESMIG to AS settlement banks	With the start of the information period the AS settlement banks (this means RTGS Account Holder A DCA (debited) as well as RTGS Account Holder <u>AB</u> DCA (credited) or <u>RTGS CB Accounts respectively</u>) are informed via GUI broadcast on the indicated

Action	Step	Interaction	Description
			start of settlement period and the needed amount of liquidity. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification(admi.004) – provided an appropriate subscription for A2A broadcasts was set up.
	4	AS settlement bank to CB of the ancillary system	In case one or several AS settlement banks disagree on the amount of the AS transfers present in the pertaining set of transactions, it may contact the CB of the ancillary system. The procedure on if, when and how such disagreement is to be applied has to be set up internally within the AS community. Also the way the AS settlement bank contacts the CB (directly or indirectly via the pertaining ancillary system) is out of scope of RTGS.
	5	CB via ESMIG to RTGS	The CB, via GUI revokes the disagreed set of transactions, leading to a rejection of all transactions and settlement is not triggered. The information period and all processing of the involved AS transfers is stopped. In the context of AS settlement procedure E disagreement and revocation only applies to individual AS transfers from the initial AS batch message. Revocation is then done only for single AS transfers and only those are revoked cancelled . Other AS transfers from the same AS batch message are treated independently (i.e. processing stops only for the revoked AS transfers).
Notification in case of disagreement	6	RTGS via ESMIG to all AS settlement banks	All AS settlement banks are informed via broadcast on the rejection of the transactions due to disagreement. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification(admi.004) – provided an appropriate subscription for A2A broadcasts was set up.
	7	RTGS via ESMIG to ancillary system	The ancillary system is informed via ASInitiationStatus(pain.998) message on the rejection due to disagreement. Depending on the notification choice of the ancillary system using AS settlement procedure E, the ASInitiationStatus(pain.998) message is sent either immediately (single notification) or after finalising all included AS transfers (global notification).

Action	Step	Interaction	Description
End of information period	8	RTGS	In case no disagreement was expressed during the information period (or for AS settlement procedure E not all included AS transfers were disagreed), the indicated end of the information period will mark the start of the settlement period.

Table [4063](#) - Process flow information period with disagreement

[..]

[222](#)EURO UPDATE [TSWG comment by BdE, ID1=11]: page 170 (RTGS UDFS-chapter 5.4.6.3 Settlement period ("till"))

Editorial change

[...]

The relevant CB on behalf of the AS or the AS itself ancillary system or the relevant CB on its behalf can revoke batches or AS transfer orders via the GUI in the settlement period.

[49223](#)EUROSYSTEM UPDATE [internal review]: page 170 (RTGS UDFS-chapter 5.4.6.3 Settlement period ("till"))

Clarification on message IDs

[..]

Similar to the information period option, the settlement period ("till") option has to be indicated per [ASTransferInitiation\(pain.998\)](#) in the GroupHeader of the message and is then valid for the whole set of transactions.

[..]

Note: The start of the settlement period is always marked either with the end of information period (if it was indicated) or immediately after reception and positive validation of the [ASTransferInitiation\(pain.998\)](#). The settlement period ("till") option only allows defining an end time or duration of the settlement period. In case no settlement period ("till") is used, the settlement period ends after final settlement or rejection of all transactions presented in the [ASTransferInitiation\(pain.998\)](#) message or, if one or several

transactions are not executed due to missing liquidity, until the end of operational hours for AS processing.

[..]

493224EUROSYSTEM UPDATE [internal review]: page 170ff (RTGS UDFS-chapter 5.4.6.4 Guarantee fund mechanism)

Clarification on CR 62 and for RTGS CB Account Holder and used messages

[..]

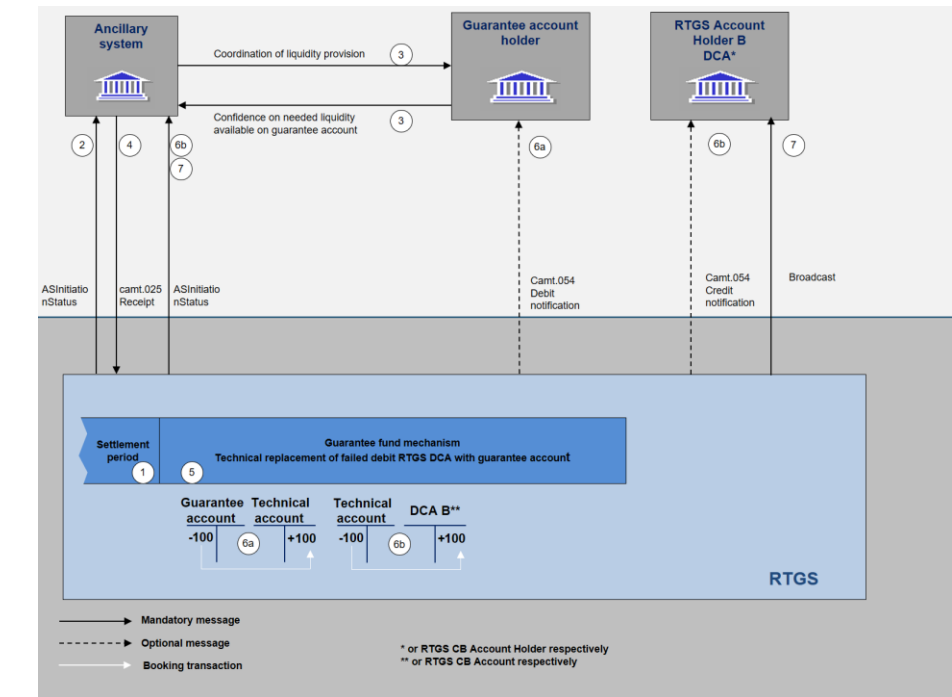


Figure 1237 - Flow guarantee fund

Phase	Step	Description
...		
Guarantee fund mechanism	2	If the guarantee fund mechanism has been set up (reference data), the ancillary system is notified on settlement failure with an ASInitiationStatus(pain.998) message containing the request to confirm the use of the guarantee fund mechanism by using the "decision indicator" flag within this message.
...		
New settlement phase	6a	In case of sufficient liquidity, the settlement of the debit from guarantee funds account to the AS technical account is executed. Depending on the message subscription, also the guarantee funds account holder is notified with a BankToCustomerDebitCreditNotification (camt.054) debit notification.
	6b	After successfully debiting the guarantee funds account, all credit postings from the AS technical account to the RTGS DCAs/RTGS CB Accounts of the AS settlement banks are executed. The ancillary system is notified with an ASInitiationStatus(pain.998) message about the completion of the whole settlement procedure. On an optional basis, the AS settlement banks of the creditor side are notified with a BankToCustomerDebitCreditNotification (camt.054) credit notification.
	7	If the ancillary system sends a negative confirmation or there is a lack of liquidity on the guarantee funds account the "reversing procedure" is initiated in order to transfer back the already settled debits from the AS technical account to the RTGS DCAs/RTGS CB Accounts of the AS settlement banks. All involved AS settlement banks are notified with a GUI broadcast about failed settlement. In addition, it is also possible to receive the broadcast in A2A via SystemEventNotification (admi.004) – provided an appropriate subscription for A2A broadcasts was set up. The ancillary system receives an ASInitiationStatus(pain.998) informing on the failed settlement.

Table 4166 - Process description [for guarantee fund mechanism](#)

[..]

494225 EUROSISTEM UPDATE [ECB/TSWG review]: page 175 (RTGS UDFS-chapter 5.5.2.1 Overview)

Clarification on accounts and rule based liquidity transfer order in RTGS and adaption of cross-reference links.

In general, liquidity transfers debiting an RTGS DCA, an RTGS CB Account or an RTGS sub-account are initiated either in A2A or U2A by the RTGS Account Holder or by another authorised RTGS Actor (e.g. an ancillary system, the CB on behalf or another authorised credit institution).

Liquidity transfers in RTGS are initiated by either:

1. the RTGS Account Holder itself in A2A or in U2A;

2. by another authorised RTGS Actor (e.g. an ancillary system, a CB or another credit institution) in A2A or in U2A (U2A initiation not for ancillary systems);

3. by the CB debiting its RTGS CB Account in A2A or in U2A;

4. by RTGS itself, based on the set up in CRDM.

Further details on the initiation of immediate liquidity transfers via U2A are provided in the RTGS UHB, chapter "Enter current liquidity transfer order".

The following use cases for liquidity transfers exist in RTGS:

	Debit Account									
	RTGS DCA	RTGS sub-account	RTGS CB Account	AS technical account	MCA	CLM CB Account	Overnight deposit account	TIPS Account	T2S DCA	T2S CB Account
RTGS DCA	X ¹	X ⁴	X ^{2,3}	X ⁷	X ³	X ^{2,3}	-	X	X	X
RTGS sub-account	X ¹	-	X	-	X	X	-	X	X	X
RTGS CB Account	X ^{2,3}	X	X ³	X ⁷	X ^{2,3}	X ³	-	X	X	X
AS technical account	X ^{7,8}	X	X ⁷	-	-	-	-	-	-	-
MCA	X ^{3,5}	X	X ^{2,3}	N/A	N/A	N/A	N/A	N/A	N/A	N/A
CLM CB Account	X ^{2,3}	X	X ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Overnight deposit account	X ⁶	X ⁶	X ⁶	N/A	N/A	N/A	N/A	N/A	N/A	N/A
TIPS Account	X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T2S DCA	X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
T2S CB Account	X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A

intra-service liquidity transfers

inter-service liquidity transfers

N/A – not applicable in RTGS

– option is not available

		Debit Account									
		RTGS DCA	RTGS sub-account	RTGS CB Account	AS technical account	MCA	CLM CB Account	Overnight deposit account	TIPS Account	T2S DCA	T2S CB Account
Credit Account	RTGS DCA	X ¹	X ⁴	X ^{2,3}	X ⁵	X ³	X ^{2,3}	-	X	X	X
	RTGS sub-account	X ⁴	-	X	-	X	X	-	X	X	X
	RTGS CB Account	X ^{2,3}	X	X ³	X ⁵	X ^{2,3}	X ³	-	X	X	X
	AS technical account	X ^{5,7}	X	X ⁶	-	-	-	-	-	-	-
	MCA	X ^{3,5}	X	X ^{2,3}	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	CLM CB Account	X ^{2,3}	X	X ³	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	Overnight deposit account	X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	TIPS Account	X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	T2S DCA	X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
	T2S CB Account	X	X	X	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Intra-service liquidity transfers											
Inter-service liquidity transfers											
N/A		not applicable in RTGS									
-		option is not available									

Figure xx Liquidity transfer combinations from RTGS service perspective

Please note the following details for the mentioned liquidity transfer combinations⁵:

1. The combination is only possible within a defined Liquidity Transfer Group.
2. For rule-based liquidity transfers, the combination refers to RTGS DCAs/MCAs belonging to a central bank modelled as party of party type "payment bank".
3. Combinations referring to this number includes rule-based liquidity transfers.
4. The combination is allowed for linked RTGS sub-accounts.
5. This number reflects the inclusion of automated liquidity transfers.

⁵ Subject to approval of CR0058

~~6. From RTGS service perspective it is only possible to credit the overnight deposit account.~~

~~7.6. This liquidity transfer order cannot be submitted via a LiquidityCreditTransfer (camt.050). The ancillary system may only submit it via ASTransferInitiation (pain.998). A submission of the ASTransferInitiation (pain.998) by the RTGS Account Holder is not possible.~~

~~8.7. This liquidity transfer order cannot be submitted via a LiquidityCreditTransfer (camt.050). The RTGS Account Holder (or authorised RTGS Actor) may only submit it via FinancialInstitutionCreditTransfer (pacs.009) with code word "SBTI" (AS Settlement Procedure D).~~

- ~~| intra-service liquidity transfer between two RTGS DCAs (within a defined Liquidity Transfer Group);~~
- ~~| intra-service liquidity transfer between an RTGS DCA and an RTGS CB Account (including rule-based liquidity transfers for RTGS DCA belonging to a central bank modelled as party of party type "payment bank");~~
- ~~| intra-service liquidity transfer between an RTGS DCA and a linked sub-account (AS settlement procedure C);~~
- ~~| intra-service liquidity transfer between an RTGS DCA and an AS technical account (AS settlement procedure D);~~
- ~~| intra-service liquidity transfer between two RTGS CB Accounts (including rule-based liquidity transfers);~~
- ~~| intra-service liquidity transfer between an RTGS CB Account and an RTGS sub-account;~~
- ~~| intra-service liquidity transfer between an RTGS CB Account and an AS technical account;~~
- ~~| inter-service liquidity transfer between an RTGS DCA and an MCA (including automated and rule-based liquidity transfers);~~
- ~~| inter-service liquidity transfer between an RTGS DCA and a CLM CB Account (including rule-based liquidity transfers for RTGS DCAs belonging to a central bank modelled as party of party type "payment bank");~~
- ~~| inter-service liquidity transfer from an RTGS DCA to an overnight deposit account;~~
- ~~| inter-service liquidity transfer between an RTGS CB Account and a CLM CB Account (including rule-based liquidity transfers);~~
- ~~| inter-service liquidity transfer from an RTGS CB Account to an MCA (including rule-based liquidity transfers for MCAs belonging to a central bank modelled as a party of party type "payment bank");~~
- ~~| inter-service liquidity transfer from an RTGS CB Account to an overnight deposit account;~~
- ~~| inter-service liquidity transfer between an RTGS CB Account and a T2S CB Account;~~
- ~~| inter-service liquidity transfer between an RTGS DCA and a T2S CB Account;~~

- | ~~inter-service liquidity transfer between an RTGS CB Account and a T2S DCA;~~
- | ~~inter-service liquidity transfer between an RTGS CB Account and a TIPS Account;~~
- | ~~inter-service liquidity transfer between an RTGS DCA and a T2S DCA;~~
- | ~~inter-service liquidity transfer between an RTGS DCA and a TIPS Account⁶;~~
- | ~~inter-service liquidity transfer between an RTGS sub-account and an MCA;~~
- | ~~inter-service liquidity transfer between an RTGS sub-account and a CLM CB Account;~~
- | ~~inter-service liquidity transfer from an RTGS sub-account to an overnight deposit account;~~
- | ~~inter-service liquidity transfer between a T2S DCA and an RTGS sub-account⁷;~~
- | ~~inter-service liquidity transfer between a T2S CB Account and an RTGS sub-account⁸;~~
- | ~~inter-service liquidity transfer between an RTGS sub-account and a TIPS Account and~~

The following types of liquidity transfers can be initiated in or by RTGS:

[..]

Depending on the type, a liquidity transfer can either push liquidity to another account (~~i.e.g.~~ debit the RTGS Account Holder's DCA and credit another cash account) or pull liquidity from another account (~~i.e.g.~~ debit a linked or predefined cash account to be debited and credit the RTGS Account Holder's DCA).

With regard to the push or pull of liquidity a liquidity transfer from RTGS can be initiated towards the following settlement services:

Liquidity transfer type	Initiator	Use case	Push/pull	Counterpart cash account in
Immediate liquidity transfer order	RTGS Actor	Intra-service	Push	RTGS
		Inter-service	Push	CLM, TIPS, T2S
Rule-based liquidity transfer order	System (RTGS)	<u>Intra-service</u>	<u>Push or pull</u>	<u>RTGS</u>
		Inter-service	Push or pull	CLM
Standing order liquidity transfer order		Intra-service	Push	RTGS
		Inter-service	Push	CLM, TIPS, T2S

Liquidity transfer type	Initiator	Use case	Push/pull	Counterpart cash account in
Automated liquidity transfer order		Inter-service	Push	CLM

Table 4267 - Liquidity transfer directions

A liquidity transfer order can be executed **within** RTGS (i.e. an intra-service liquidity transfer order) only if:

- | all involved RTGS DCAs belong to the same Liquidity Transfer Group;
- | a CB Account is involved.;
- | it is a liquidity transfer between an RTGS CB Account and an RTGS sub account (AS settlement procedure C);
- | it is a liquidity transfer between an RTGS DCA and an AS technical account (AS settlement procedure D);
- | it is a liquidity transfer between an RTGS CB Account and an AS technical account (AS settlement procedure D);

In principle liquidity transfer orders are never queued in RTGS, they are **either**:

- | earmarked (e.g. in case of blocking of a party);
- | settled immediately (fully or partially) or;
- | rejected.

[..]

495226 EUROSISTEM UPDATE [internal review]: page 176ff (RTGS UDFS-chapter 5.5.2.2 Initiation of liquidity transfers)

Chapter deletion due to consolidation with 5.5.2.1

5.5.2.2 Initiation of liquidity transfers

Liquidity transfers in RTGS are initiated by either:

| the RTGS Account Holder itself in A2A or in U2A;

| by another authorised RTGS Actor (e.g. an ancillary system, a CB or another credit institution) in A2A or in U2A (U2A initiation not for ancillary systems);

| by the CB debiting its CB Account in A2A or in U2A;

| by RTGS itself, based on the set up in CRDM.

As regards the initiation of immediate liquidity transfers via A2A the following messages need to be used by the respective initiator:

Initiator	Use-cases	Message identifier
RTGS Account Holder (or authorised RTGS Actor)	<p>Intra-service liquidity transfer between two RTGS DCAs (within a defined Liquidity Transfer Group)</p> <p>Intra-service liquidity transfer between an RTGS DCA and a linked sub-account (AS settlement procedure C)</p> <p>Intra-service liquidity transfer between an RTGS DCA and a sub-account (AS settlement procedure C)</p> <p>Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a CLM MCA</p> <p>Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a T2S DCA⁹</p> <p>Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a TIPS Account</p> <p>Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a T2S CB Account¹⁰</p> <p>Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to an overnight deposit account</p> <p>Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a CLM CB Account</p>	LiquidityCreditTransfer (camt.050)
RTGS Account Holder (or authorised RTGS Actor)	Intra-service liquidity transfer from an RTGS DCA to an AS technical account (AS settlement procedure D)	FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) with code word "SBTT"
Ancillary system	<p>Intra-service liquidity transfer between an RTGS DCA and a linked sub-account (AS settlement procedure C)</p> <p>Intra-service liquidity transfer between an RTGS DCA and technical account (AS settlement procedure D)</p>	ASTransferInitiation (pain.998)

Initiator	Use-cases	Message identifier
CB	<p>Intra-service liquidity transfer from a CB Account to an RTGS-DCA</p> <p>Intra-service liquidity transfer from a CB Account to an RTGS-sub-account</p> <p>Inter-service liquidity transfer from a CB Account in RTGS to a CB Account in CLM</p> <p>Inter-service liquidity transfer from a CB Account in RTGS to a CLM MCA</p> <p>Inter-service liquidity transfer from an RTGS-CB Account to an overnight deposit account</p> <p>Inter-service liquidity transfer from an RTGS-CB Account to a T2S-DCA or T2S-CB Account</p> <p>Inter-service liquidity transfer from an RTGS-CB Account to a TIPS Account</p>	LiquidityCreditTransfer (camt.050)

Table 4370 - Message types for initiation of liquidity transfers

Further details on the initiation of immediate liquidity transfers via U2A are provided in the RTGS UHB.

496227 EUROSISTEM UPDATE [internal review]: page 179 (RTGS UDFS-chapter 5.5.2.3 Execution of liquidity transfers)

Clarification on Immediate liquidity transfer orders with link to CR 35

[..]

Note: Processing of liquidity transfer orders will not be possible from 19:00 – 19:30 but immediate liquidity transfer orders submitted during that time will be parked. Further details are provided in chapter "Settlement window for liquidity transfer orders".

497228 EUROSISTEM UPDATE [TSWG review]: page 186 (RTGS UDFS-chapter 5.5.2.3.1 Immediate intra-service liquidity transfer between two RTGS DCAs)

Clarification on Account Type added

In case a Liquidity Transfer Group was set up by the responsible CB, it is possible to settle an intra-service liquidity transfer order between two RTGS DCAs. The following figure provides a high-level description of the message flow.

Note: The set-up of a Liquidity Transfer Group is required for all intra-service liquidity transfers between two **RTGS** DCAs even if the RTGS DCA to be debited and the RTGS DCA to be credited belong to the same party.

498229 EUROSISTEM UPDATE [internal review]: page 181ff (RTGS UDFS-chapter 5.5.2.4.1 Immediate intra-service liquidity transfer between two RTGS DCAs)

Clarification on table content

[..]

Example 1 – Liquidity transfer between two RTGS DCAs submitted by the RTGS Account Holder

[..]

Table 70 - Process description [for liquidity transfer order between two RTGS DCAs in RTGS](#)

[..]

Liquidity transfer from an RTGS DCA [or RTGS CB Account](#) to the [AS](#) technical account related to an ancillary system using AS settlement procedure D.

[..]

Example 2 – Liquidity transfer order between two RTGS DCAs submitted by a CB on behalf

[..]

Step	Processing in/between	Description
1	RTGS Account Holder A to CB A	The RTGS Account Holder A instructs its CB A to initiate a LiquidityCreditTransfer (camt.050) on its behalf. Note: This step is out of scope of RTGS.
2	CB A via ESMIG to RTGS	CB A sends on behalf of the RTGS Account Holder A a LiquidityCreditTransfer (camt.050) via ESMIG to RTGS.
3	RTGS	RTGS message check and validation in RTGS is positive (incl. check on membership of RTGS DCA to be debited and RTGS DCA to be credited in the same Liquidity Transfer Group). In case sufficient liquidity is available, simultaneous settlement on the RTGS DCAs of RTGS Account Holders A and B.

Step	Processing in/between	Description
4	RTGS via ESMIG to CB A	Creation and forwarding of Receipt(camt.025) (mandatory) to CB A.
5	RTGS via ESMIG to RTGS Account Holder B	Creation and forwarding of BankToCustomerDebitCreditNotification(camt.054) (optional) to RTGS Account Holder B.
6	RTGS via ESMIG to RTGS Holder A	Creation and forwarding of BankToCustomerDebitCreditNotification(camt.054) (optional) to RTGS Account Holder A.

Table 71 - Process description [for liquidity transfer order between two RTGS DCAs submitted by a CB on behalf](#)

[..]

[499230](#) EUROSISTEM UPDATE [internal review]: page 183ff (RTGS UDFS-chapter 5.5.2.4.2 Immediate inter-service liquidity transfer from an RTGS DCA to a CLM Account)

Clarification on table content, alignment with other section

[In case of an inter-service liquidity transfer order between an RTGS Account and a CLM Account-an, it is possible for an RTGS \(CB\) Account Holder to send liquidity from an RTGS DCA, an RTGS CB Account or an RTGS sub-account to any MCA, CLM CB account or overnight deposit account held in CLM. The following figure provides a high-level description of the message flow for the use case of an inter-service liquidity transfer from an RTGS DCA to an MCA:](#)

[..]

Table 72 - Process description [for liquidity transfer from an RTGS DCA to an MCA](#)

[..]

[The message flow and process description for the other use cases will be similar.](#)

[In addition to the intra-service liquidity transfer between two RTGS DCAs \(within a Liquidity Transfer Group\), the following use cases are also considered to be intra-RTGS liquidity transfers.](#)

- [I Liquidity transfer from an RTGS DCA to a linked sub-account dedicated to an ancillary system using the AS settlement procedure C \(and vice versa\);](#)
- [I Liquidity transfer from an RTGS CB Account to a sub-account dedicated to an ancillary system using the AS settlement procedure C;](#)

Liquidity transfer from an RTGS DCA or RTGS CB Account to the AS technical account related to an ancillary system using AS settlement procedure D. In this case the AS settlement banks needs to use the FinancialInstitutionCreditTransfer (CORE and GOV) (pacs.009) {> Error! Bookmark not defined.786} message with code word "SBT!" for the initiation and the submitting actor receives – subject to message subscription – a payment order settlement notification (PaymentStatusReport (pacs.002) {> Error! Bookmark not defined.734}) to confirm the settlement (i.e. no liquidity transfer order settlement notification Receipt (camt.025) {> Error! Bookmark not defined.589}).

[..]

200231 EUROSISTEM UPDATE [internal review]: page 187 (RTGS UDFS-chapter 5.5.2.4.3 Immediate inter-service liquidity transfer from an RTGS DCA to a T2S DCA, a T2S CB Account or a TIPS Account)

Clarification on table content and alignment of mentioned accounts

The following figure provides a high-level description of the message flow in case of an inter-service liquidity transfer order initiated in RTGS in order to send liquidity to a T2S DCA. The message flow from an RTGS DCA, RTGS CB Account or an RTGS sub-account* to a T2S CB Account or to a TIPS Account will be similar.

Footnote: * ~~Change of the f~~Functionality is subject to approval of CR0058.

[..]

Table 73 - Process description for liquidity transfer from an RTGS DCA to a DCA in the T2S Service

[..]

204232 EUROSISTEM UPDATE [internal review]: page 189 (RTGS UDFS-chapter 5.5.2.4.4 Immediate inter-service liquidity transfer from a T2S DCA, a T2S CB Account or a TIPS Account to an RTGS DCA or RTGS sub-account)

Update of chapter headline and clarification on table content

5.5.2.4.4 Immediate inter-service liquidity transfer from a T2S DCA, a T2S CB Account or a TIPS Account to an RTGS ~~DCA or RTGS sub~~-account

The following figure provides a high-level description of a message flow in case of an interservice liquidity transfer order initiated in TIPS in order to send liquidity to an RTGS DCA. The message flow from a TIPS Account, a T2S DCA or a T2S CB Account to an RTGS DCA, an RTGS CB Account or an RTGS sub-account* will be similar.

Footnote: ~~x~~ ~~Change of the f~~Functionality is subject to approval of CR0058 and must be supported in the respective settlement service.

[..]

Table 74 - Process description for liquidity transfer from a TIPS Account to an RTGS DCA

[..]

~~2022~~233 EUROSISTEM UPDATE [internal review]: page 196 (RTGS UDFS-chapter 5.5.3.1.1 Overview - 5.5.3.1 Reservation)

Correction of typo with link to CR 62

[..]

Thereby, the pending urgent reservation~~s~~ is processed first.

[..]

~~2032~~34 EUROSISTEM UPDATE [internal review]: page 196 (RTGS UDFS-chapter 5.5.3.1.2 Effect and tapping of liquidity reservation)

Clarification of footnotes

[..]

U payment/ ancillary system transfer	1	3	2		4 ²⁴
H payment		1	2		3 ²⁵

- 24 Related to rule-based liquidity transfer (subject to prior configuration set up by the party) in case of
- I queued U payments~~s~~ orders or AS transfer orders (pull liquidity from CLM to RTGS) or
 - I queued U or H payments~~s~~ orders or AS transfer orders (pull liquidity from CLM to RTGS).

- 25 Related to rule-based liquidity transfer (subject to prior configuration set up by the party) in case of queued U or H payments~~s~~ orders or AS transfer orders (pull liquidity from CLM to RTGS).

[..]

Table ~~4480~~ - Usage of urgent and high reserve – numeric example ^x

Footnote: ^x This example refers to liquidity transfers and payments sent as credit transfers.

235EUROSYSTEM UPDATE [internal review]: page 197 (RTGS UDFS-chapter 5.5.3.2.1**Overview – 5.5.3.2 Limits)**Clarification on terminology

[...]

During the SoD period, defined current limits are set according to the standing order limits. (so-called defined limit) and are On that basis, the free limit position is updated throughout the business day after each relevant credit and debit (so-called free limit position). As a consequence, a normal payment order is only settled if it does not cause a breach of the free limit position. In case no limit is defined, the RTGS DCA's liquidity available for the respective priority is available for a payment.

[...]

In general, RTGS Account Holders have the following possibilities.

I Modify current limits with immediate effect during the business day in RTGS. The modification of current limits with immediate effect includes the increase, the decrease and the reduction to zero (The reduction of a current limit to zero will have the effect of a removal for that business day).

I In case an RTGS DCA Holder has defined more than one current bilateral limit, and potentially a current multilateral limit, and wants to reduce all these current limits to zero, it can do so within one shot via A2A using camt.012 or via U2A. If a current limit is set to zero, it is not possible to increase it again on the same business day. The reduction of the last current bilateral limit on an account to zero automatically triggers the reduction of a current multilateral limit to zero on this account.

I In case of a technical problem on the RTGS DCA Holder's side, the responsible CB may perform the reduction of the current (bilateral and multilateral) limits to zero within one shot and with immediate effect.

I Create, modify or delete a defined standing order limit in CRDM valid from the following business day(s) (i.e. valid as of the next business day until next change).

The limitation process consists of the following elements:

I definition of current bilateral limits towards selected RTGS DCAs;

I definition of a current multilateral limit towards all RTGS DCAs towards which no current bilateral limit is defined.

[...]

**236EUROSYSTEM UPDATE [internal review]: page 197, 198 (RTGS UDFS-chapter 5.5.3.2.1.1
Bilateral limits)**

Clarification on terminology

Bilateral position

The bilateral position from RTGS DCA A towards RTGS DCA B is defined as the sum of payments received from RTGS DCA B (i.e. credits for RTGS DCA A) minus the sum of payments made to RTGS DCA B (debits for RTGS DCA A). This means if the result is negative, the current bilateral limit will be utilised with this amount.

Effect of current bilateral limit

With the current bilateral limit, the RTGS DCA restricts the use of liquidity when submitting payment orders for another RTGS DCA. Direct debits effect the bilateral position just the other way round as in case of direct debits outgoing payments are credits and incoming payments are debits.

Once a defined Standing Order bilateral limit has been created in CRDM and is taken into account during the SoD for the current business day, the defined current limit can be changed directly in RTGS with immediate effect throughout the business day.

**237EUROSYSTEM UPDATE [internal review]: page 198 (RTGS UDFS-chapter 5.5.3.2.1.2
Multilateral limits)**

Clarification on terminology

Multilateral position

The multilateral position from RTGS DCA A is defined as the sum of payments (credits for RTGS DCA A) received from all RTGS DCAs towards which no current bilateral limit has been defined, minus the sum of payments (debits for RTGS DCA A) made to these RTGS DCAs. This means if the result is negative, the current multilateral limit is utilised with this amount.

Effect of current multilateral limit

With the multilateral limit, the RTGS DCA restricts the use of liquidity, when submitting payment orders for any other RTGS DCA for which a current bilateral limit has not been set.

Direct debits affect the multilateral position just the other way round because outgoing payments are credits and incoming payments are debits.

Once a defined Standing Order multilateral limit has been created in CRDM and is taken into account during the SoD for the current business day, the defined current limit can be changed directly in RTGS with immediate effect throughout the business day.

238EUROSYSTEM UPDATE [internal review]: page 198 (RTGS UDFS-chapter 5.5.3.2.1.3 Rules for definition of limits)

Clarification on terminology

The creation of standing order limits is done in CRDM and the definition is done per RTGS DCA. Changes and "resetting to zero" of current bilateral and multilateral limits with immediate effect for the current business day are done in RTGS directly.

The following general rules apply.

- I The minimum amount of a limit is defined by a parameter which is set to one million for the Euro.
- I It is not possible to define a bilateral limit vis-à-vis CBs. For CB accounts it is not possible to define limits.
- I A bilateral or multilateral limit with an amount of zero is a limit which is considered as "not defined".
- I A multilateral limit can be defined if at least one bilateral limit exists.
- I Any credits (related to payment orders with normal, high or urgent priority) from an RTGS DCA towards which a current bilateral/multilateral limit is defined, increase the free limit position.

In order to take into account a defined current limit (bilateral or multilateral) for the settlement of payments, the defined Standing Order limit needs to be defined before the end of the previous business day. This means that a standing order limit above one million (in case of Euro) has to be defined in CRDM at the latest before the end of the previous business day.

Limits are exclusively set by RTGS Account Holders. Only in the case of a technical problem on the RTGS DCA Holder's side, the responsible CB may adjust the amount of a current limit with immediate effect for the next algorithm.

204239 EUROSISTEM UPDATE [internal review]: page 199 (RTGS UDFS-chapter 5.5.3.2.2
Effect of limits)

Clarification on terminology and onef footnotes

General effect of current limits

The following table explains the effects of current limits on the processing and subsequent settlement of payments:

[..]

Effect of outgoing payments (i.e. debits on the RTGS DCA ¹¹)	<ul style="list-style-type: none">Reduction of balance on RTGS DCAReduction of bilateral or multilateral position (payment orders are queued^x, if the amount of the normal payment order is higher than the Free Limit Position)
--	--

Table ~~458~~4 - Effects of limits

Footnote: ^x Payment orders queued due to limit breach are called countable payments.

[..]

Current Bilateral limit

The processing of normal payment orders in case RTGS Account Holder of RTGS DCA A has set a current bilateral limit for RTGS DCA B is illustrated in the following simplified example:

<u>Bilateral relation</u>	<u>Current bilateral limit set</u>	<u>Submitted normal payments</u>	<u>Explanation</u>
RTGS DCA A vis-à-vis RTGS DCA B	3 million Euro	10 million Euro	Up to a maximum of 3 million Euro of RTGS DCA A's liquidity is used to settle normal payment orders between RTGS DCA A and RTGS DCA B.
RTGS DCA B vis-à-vis RTGS DCA A	Not relevant in this example	6 million Euro	<p>If RTGS DCA A has sufficient liquidity available, a maximum of 9 million Euro from RTGS DCA A and 6 million Euro from RTGS DCA B can be settled.</p> <p>1 remaining million Euro from RTGS Account Holder A cannot be settled and are queued until:</p> <p>1 additional payment orders (high/normal) from RTGS DCA B are settled;</p> <p>1 RTGS Account Holder A increases the current bilateral limit on its RTGS DCA to an amount of 4 million Euro or sets the current bilateral limit to zero.</p> <p>Otherwise the normal payment orders are not settled and are rejected by the end of the day.</p>

Table 4682 - Processing in case of current bilateral limit

Current Multilateral limit

The processing of normal payment orders in the case of RTGS Account Holder A has set a current multilateral limit is illustrated in a following simplified example (RTGS Account Holder A has not defined current bilateral limits on its RTGS DCA vis-à-vis those RTGS Account Holders' RTGS DCAs).

<u>Multilateral relation</u>	<u>Current multilateral limit set</u>	<u>Submitted normal payment orders</u>	<u>Explanation</u>
RTGS DCA A vis-à-vis RTGS DCAs C, D, E, ...	2 million Euro	20 million Euro	Up to a maximum of 2 million Euro of RTGS DCA A's liquidity is used to settle payment orders between RTGS DCA A and RTGS DCAs C, D, E, ...
RTGS DCAs C, D, E, ... vis-à-vis RTGS DCA A	Not relevant in this example	15 million Euro	<p>If RTGS DCA A has sufficient liquidity available, a maximum of 17 million Euro from RTGS DCA A and 15 million Euro from RTGS DCAs C, D, E, ... can be settled.</p> <p>3 remaining million Euro from RTGS DCA A cannot be settled and are queued until:</p> <p>I additional payment orders (high/normal) of RTGS DCAs C, D, E, ... are settled;</p> <p>I RTGS Account Holder A increases the current multilateral limit on its RTGS DCA to an amount of 5 million Euro or sets the current limits to zero.</p> <p>Otherwise the normal payment orders are not settled and rejected by the end of the day.</p>

Table 4783 - Processing in case of current multilateral limits

205240 EUROSISTEM UPDATE [internal review]: page 202 (RTGS UDFS-chapter 5.5.3.3 Dedication of liquidity for ancillary system settlement)

Clarification on terminology

[..]

- I Immediate liquidity transfer orders initiated by the ancillary system using an ASTransferInitiation debiting the AS settlement bank's RTGS DCA and crediting the AS settlement bank's sub-account (AS settlement procedure C) or the AS technical account (AS settlement procedure D).

[..]

**206241 EUROSISTEM UPDATE [internal review]: page 203 (RTGS UDFS-chapter 5.5.3.4.1
Definition of floor/ceiling threshold)**

Alignment with other chapters and adaption of cross-reference links.

The RTGS Account Holder or the RTGS CB Account Holder can define a minimum ("floor") and/or maximum ("ceiling") threshold amount for its RTGS DCA(s) and/or RTGS CB Account in CRDM. The RTGS Account Holder or the RTGS CB Account Holder has the option to choose what shall be done by RTGS once the balance is below the defined floor or above the defined ceiling amount.

Two options are available which can be combined.

1. RTGS generates a notification to be sent to the RTGS Account Holder or the RTGS CB Account Holder as the owner of the RTGS DCA or RTGS CB Account informing about the floor/ceiling breach (upon which the RTGS Account Holder or the RTGS CB Account Holder can take action).

[..]

For details on the relevant configurations see chapter "Account Threshold Configuration" in the CRDM UDFS, chapter "Description of entities > Account Threshold Configuration".

[..]

**242 EUROSISTEM UPDATE [TSWG comment by BdE, ID1=15]: page 203 (RTGS UDFS-
chapter 5.5.3.4.2 Breach of floor/ceiling threshold - notification)**

Editorial change.

[..]

If the RTGS Account Holder or the RTGS CB Account Holder chooses the first option, RTGS generates and sends out a notification with the information that the balance on the RTGS DCA or RTGS CB Account is below the floor or that the balance on the RTGS DCA or RTGS CB Account is above the ceiling respectively:

- I in U2A mode a broadcast will be displayed as an alert (refer to the respective part of the RTGS UHB and see chapter Broadcasts;
- I in A2A mode a {ReturnAccount (camt.004) message will be sent by RTGS, (Process RTGS floor and ceiling.

207243EUROSYSTEM UPDATE [internal review]: page 203 (RTGS UDFS-chapter 5.5.3.4.2
Breach of floor/ceiling threshold - notification)

Alignment with other chaptersAdaption of cross-reference links.

- [..]
- I in U2A a broadcast will be displayed as an alert ~~(refer to the respective part of the RTGS UHB and see chapter Broadcasts);~~
- [..]

208244EUROSYSTEM UPDATE [internal review]: page 204 (RTGS UDFS-chapter 5.5.3.4.3
Breach of floor/ceiling threshold - rule-based liquidity transfer)

Alignment with other chapters

If chosen by the RTGS Account Holder or the RTGS CB Account Holder, RTGS creates and releases an inter-service liquidity transfer:

209245EUROSYSTEM UPDATE [internal review]: page 207 (RTGS UDFS-chapter 5.6.1.2
Overview)

Clarification terminology

- [..]
- Since each object in RTGS can be subject to several processes, each object in RTGS has several statuses. However, each of these statuses has one single value at a certain moment in time that indicates the object's situation at the considered moment. Depending on its object type, an object is submitted to different processes in RTGS. Consequently, the status featuring each object depends on the considered object type.
- The following chapters provide:
- I the generic principles for the communication of status and reason codes to RTGS Actors;
 - I the list of status featuring each object type as well as the possible values for each of these statuses.
- [..]

240246EUROSYSTEM UPDATE [internal review]: page 208 (RTGS UDFS-chapter 5.6.1.3.1
Status communication and types)

Clarification terminology

Communication of status and reason codes to RTGS Actors

RTGS Actors can query the status values and reason codes of the objects linked to their instructions (e.g. ~~payment orders~~, ~~liquidity cash~~ transfers, tasks, ~~reference data updates~~) during the day.

[..]

Status and status values in RTGS

As previously mentioned, the status of an instruction depends on the considered instruction type. The following paragraphs provide the list of statuses and status values. None of the statuses are stored for processing of queries.

Further details on the Unified Modelling Language (UML) conventions can be found in chapter [Processes with RTGS](#) [251].

RTGS statuses are:

[..]

244247EUROSYSTEM UPDATE [internal review]: page 209 (RTGS UDFS-chapter 5.6.1.3.2
RTGS file status)

Clarification terminology

[..]

Table 82 - RTGS inbound file statuses

242248EUROSYSTEM UPDATE [internal review]: page 209 (RTGS UDFS-chapter 5.6.1.3.3
RTGS message status)

Clarification terminology

[..]

Table 83 - RTGS inbound message statuses

243249EUROSYSTEM UPDATE [internal review]: page 216 (RTGS UDFS-chapter 5.6.1.3.4 Ancillary system batch message status)

Clarification terminology

[..]

Status transition diagrams I and II (~~relevant - for AS settlement procedure A and B~~)

[..]

Figure 47 - Status transition diagram I and II - ~~for AS settlement procedure A and B~~

[..]

Status transition diagram III - ~~for AS settlement procedure C~~

[..]

Figure 48 - ~~Status transition diagram III - for AS settlement procedure C~~

[..]

Status transition diagram IV - ~~for AS settlement procedure D~~

[..]

Figure 49 - ~~Status transition diagram IV - for AS settlement procedure D~~

[..]

Status transition diagram V - ~~for AS settlement procedure E~~

[..]

Figure 1350 - ~~Status transition diagram V(CR-62) - for AS settlement procedure E~~

[..]

Table 4886 - AS batch message statuses

[..]

Status value	as AS settlement procedure aA	as AS settlement procedure bB	as AS settlement procedure cC	as AS settlement procedure dD	as AS settlement procedure eE
Stopped due to blocking	X	X	X	X	X
Pending decision on blocking	X	X	✗	✗	✗
Waiting for end of cycle	-	-	X	-	-
Information period	X	X	-	-	X
On guarantee mechanism	X	X	-	-	-
On settlement debit	X	-	-	-	-
Queued	X	X	X	X	X
Accounting processed	X	X	X	X	X
Rejected at group level	X	X	X	X	X

Table 4987 - List of status values per AS settlement procedure

244250 EUROSISTEM UPDATE [internal review]: page 219 (RTGS UDFS-chapter 5.6.1.3.5**Cash transfer status);**

Clarification on cash transfer status earmarked

Status value	Definition	Transition possible to status	Intermediate/final status	Reported via status notification to the sender
Warehoused	Status of a cash transfer order with a value date of a future business day and status of a cash transfer order with the value date of the current business day until it is forwarded to the processing at the start of the business day. From then on they are processed normally. To this cash transfer status a time stamp is stored.	Earmarked, Partially settled, Queued, Revoked, Rejected, Settled	Intermediate	-
Earmarked	<p>Status of a cash transfer order which is ready for settlement but not taken into account for various reasons. The following scenarios are summarised in this status:</p> <ul style="list-style-type: none"> pending start of settlement; settlement stopped due to earliest debit time indicator; AS settlement not yet started due to active information period; due to parking on cash transfer level; settlement stopped due to blocking; pending decision on blocking; waiting for end of cycle; waiting for completion of debits; waiting for algorithm "partial optimisation with ancillary system" (Settlement of queued normal payments [Error! Bookmark not defined.133]). 	Queued, Partially settled, Revoked, Rejected, Settled	Intermediate	-

Status value	Definition	Transition possible to status	Intermediate/final status	Reported via status notification to the sender
Queued	Status of a cash transfer order which is ready for settlement. Queued cash transfer orders are waiting for the next settlement attempt. To this cash transfer status a time stamp is stored.	Earmarked, Partially settled, Revoked, Rejected, Settled	Intermediate	-
...				

Table 5088 - Cash transfer status

245251 EUROSISTEM UPDATE [internal review]: page 224 (RTGS UDFS-chapter 5.6.2.1 Concept)

Alignment with other sections

[..]

~~Moreover an RTGS Directory will be created each business day (at 17:00) in order to provide routing information for RTGS Participants. More details can be found in CRDM-UDFS chapter "RTGS Directory".~~

246252 EUROSISTEM UPDATE [ECB/TSWG review]: page 224ff (RTGS UDFS-chapter 5.6.2.3 Report generation process);

Alignment with other chapters, deletion of misleading terminology and correction of chapter reference with link to CR 62, validity dates are only relevant for CRDM as RTGS only uses propagated configuration. [Adaption of cross-reference links.](#)

Preconditions for report creation

In order to avoid unnecessary processing and storage RTGS does not create reports automatically. So, to initiate the creation of a report, the report receiver has to configure the report in advance. The configuration of the report has to be done via the **CRDM** GUI for the reference data, which is described in the **CRDM** UHB, chapter "Report Management".

This configuration is stored as reference data and is valid until the "valid to" date stored within the report configuration is reached. RTGS uses the report configuration defined in CRDM and propagated for the

respective business day. Further details are provided in the chapter [Messaging](#) [62] and in ~~the chapter~~ Common reference data maintenance process the CRDM UDFS, chapter "*Report configuration*".

[..]

Availability of the report in RTGS

A generated report is available for ~~download~~ query until it is replaced by a new (next) version of it, i.e. a report that is created during the EoD of the current business day replaces the report that was created during the EoD of the previous business day. The replaced report is no longer available for ~~download~~ query in RTGS. In A2A mode RTGS pushes the specific report, provided that the push preference for the report is stored for the respective recipient in reference data (i.e. report configuration). The message is sent out based on the routing information stored for the RTGS Actor. Alternatively the report is just stored after generation and can be ~~downloaded~~ queried in pull mode.

[..]

Parameters for the set-up of a report

The following parameters are created and updated by the CRDM Actor (see [Table Report Configuration CRDM UDFS](#), chapter "*Report configuration*") for the set-up of a report configuration:

Parameter	Mandatory/opt ional	Possible values	Further information
Report type	Mandatory	Statement of accounts	
Concerned account	Mandatory	Cash account	
Possible recipient of a report	Mandatory	RTGS Actor	
Communication channel	Mandatory	Push mode, pull mode	
<u>Valid from</u>	<u>Optional</u>	<u>Date</u>	<u>If not stated, the next business date shall be used by default.</u>
<u>Valid to</u>	<u>Optional</u>	<u>Date</u>	<u>The field "valid to" is the only field that can be amended after the report configuration has been stored.</u>

Table ~~519~~4 - Parameters for the set-up of a report

[..]

Possible recipients of a report

[..]

As outlined in chapter [Communication between RTGS and RTGS Actors 2.5 of the RTGS UDFS](#), for reports each party can define through a conditional routing exactly one PTA deviating from the default routing the message shall be send to.

[..]

For information about the set-up of a report configuration for a specific concerned report recipient, see [CRDM UHB](#), chapters ["Report Management"](#) related to report configuration set-up.

247253 EUROSISTEM UPDATE [internal review]: page 227 (RTGS UDFS- chapter 5.6.3.2 Overview for RTGS)

Addition of footnote for clarification

[..]

In case ESMIG is available and the network interface is not closed, an A2A query request during business service maintenance window is handled by using [Timeout and oversized management](#)^x. As regards information on routing see chapter [Communication between RTGS and RTGS Actors](#) [[Error! Bookmark not defined.](#)43].

Footnote: ^x [Timeout handling and the switch from store-n-forward message-based to store-n-forward file-based is handled in ESMIG. Respective details are provided in the ESMIG UDFS, chapter "Timeout and oversized management".](#)

[..]

248254 EUROSISTEM UPDATE [internal review]: page 227f.154 (RTGS UDFS-chapter 5.6.3.3 Query management process for RTGS)

Alignment with other sectionsAdaption of cross-reference links.

[..]

Query request and return criteria are described in detail in [the RTGS UHB for U2A mode, chapter "Screen User Guide - Description of Use Cases"](#) and in chapter List of messages [[452](#)] with link to MyStandards for A2A mode.

[..]

249255 EUROSISTEM UPDATE [internal review]: page 227 (RTGS UDFS- chapter 5.6.4 Broadcasts)

Addition of message for clarification

[..]

A2A broadcasts are system-generated messages which RTGS sends independently from an account. RTGS sends an A2A broadcast [via SystemEventNotification \(admi.004\)](#) to the broadcast subscribing party on the basis of the defined routing configuration for notifications being not a response to an instruction but belonging to a business case triggered by an instruction (see chapter [Communication between RTGS and RTGS Actors](#) [[Error! Bookmark not defined.](#)43]).

229256 EUROSISTEM UPDATE [internal review]: page 227 (RTGS UDFS- chapter 5.6.4.1 Settlement-related broadcasts)

Link chapter added, boradcasts on Floor/Ceiling added for consistency

RTGS automatically generates settlement-related broadcasts on the basis of the following exhaustive list of specified business cases:

Business case	U2A availability	A2A availability	Linked business description	Linked process description
Latest debit time warning (reject time or till time)	Yes	Yes	Execution time [Error! Bookmark not defined. 409] Rejection of cash transfer orders	Initiate RTGS reject time or till time broadcast Process RTGS reject time or till time broadcast
Floor notification	Yes	No ^{x1}	Breach of floor/ceiling threshold - notification	Process RTGS floor and ceiling
Ceiling notification	Yes	No ^{x2}	Breach of floor/ceiling threshold - notification	Process RTGS floor and ceiling

Table 5294 - Settlement-related broadcasts in RTGS

Footnote: ^{x1} [Respective A2A notification is provided via ReturnAccount \(camt.004\). Thus no A2A broadcast is foreseen.](#)

Footnote: ^{x2} [Respective A2A notification is provided via ReturnAccount \(camt.004\). Thus no A2A broadcast is foreseen.](#)

[..]

224257 EUROSISTEM UPDATE [internal review]: page 233f (RTGS UDFS-chapter 5.8 Impact of blocking on the processing of cash transfer orders)

Clarification

[..]

Depending on the option chosen by the responsible CB, a cash account^{*} is blocked for:

- 1. debits and credits;
- 2. debits only;
- 3. credits only.

Footnote: ^{*} In case of blocking of a party all cash accounts of the party are handled accordingly.

[..]

I New cash transfer orders received in RTGS which shall settle on the blocked RTGS-DCA cash account are stored for confirmation by the CB (i.e. an agreement of the CB is required).

[..]

In case an RTGS-DCA cash account is either blocked for debits or for credits only, the same processing as described above does apply, but only for the relevant cash transfer orders (i.e. either debits only or credits only).

[..]

In case of unblocking, the RTGS-DCA cash account is set to “unblocked” status again. Consequently, all affected earmarked cash transfer orders are considered for further processing (i.e. an explicit confirmation by the responsible CB is no longer needed).

258 EURO UPDATE [TSWG comment by BdE, ID1=17]: page 235 (RTGS UDFS-chapter 5.9 Subscription for a debit or credit notification)

Editorial change

[..]

LIPU	Immediate € liquidity transfer – Inter-service pull (via CLM-GUI)
------	--

222259EUROSYSTEM UPDATE [internal review]: page 236 (RTGS UDFS-chapter 5.9 Subscription for a debit or credit notification)

Consistency update in line with chapter "Cash transfer orders and cash transfers in RTGS" and typo

[..]

LIPU	Immediate LT – inter inter-service pull (via CLM-GUI)
------	--

[..]

AS transfers	
ASTI	AS transfer
Payments	
MANP	Mandated payment
ASTI	AS transfer
BACP	Backup payment

Table 94 - Business case description

223260EUROSYSTEM UPDATE [internal review]: page 237 (RTGS UDFS-chapter 6 Use of common components in RTGS)

Consistency update in line with 6.2.1

[..]

Data from the current business day from T2 (i.e. CLM and RTGS) and T2S is available in DWH component as of the next ~~business~~ calendar day.

[..]

224261EUROSYSTEM UPDATE [internal review]: page 238 (RTGS UDFS-chapter 6.1 CRDM)

Addition of reference to CRDM UDFS

Duly authorised users can create and maintain common reference data objects in CRDM submitting common reference data maintenance instructions.

Further details on CRDM can be found in the CRDM UDFS.

225262 EUROSISTEM UPDATE [internal review]: page 239f.40 (RTGS UDFS-chapter 6.2.1 Functional overview - 6.2 Data Warehouse)

Addition of reference to DWH UDFS ~~Adaption of cross-reference links.~~

[...]

For detailed information on the DWH communication in A2A mode and the configuration to receive (predefined) reports, see the DWH UDFS, chapter "Overview > DWH communication" documentation (UDFS and UHB).

[...]

The data access/scope within the DWH depends on which settlement services/components are used by a system entity/party. For RTGS users the DWH is available for CBs, payment banks and ancillary systems. Authorised DWH users can access their data according to their access rights and their own data scope.

Further details on DWH can be found in the DWH UDFS.

226263 EUROSISTEM UPDATE [internal review]: page 241 (RTGS UDFS-chapter 6.3 Billing)

Addition of reference to Billing UDFS, deletion of redundant information and wrong link to CSD

The Billing common component provides the functionalities for the aggregation of the daily billable items, its enrichment into invoice data and the centralised creation and management of in-voices for all the TARGET Services.

The involved actors and their relevant activities are:

| ...

| the ECB actor manages the invoices to be issued to the ~~CSDs and~~ CBs – including the possibilities to insert manual corrections at system entity level;

| ~~the CSDs actor receives via A2A their invoices and can access via U2A to the Billing in order to view and/or download their invoices in PDF format;~~

| the CB actor can:

–

– optionally configure direct debiting ~~(i.e. automated sending of a debit liquidity transfer for the amount of the invoice)~~ for the payments of its participants' invoices.

| each CB Participant can, if configured by the relevant CB, receive its invoices via A2A and receive a direct debit on its account in order to pay the fees.

Further details on Billing can be found in the Billing UDFS.

227264 EUROSISTEM UPDATE [internal review]: page 243 (RTGS UDFS-chapter 6.5 ESMIG)

Addition of reference to ESMIG UDFS

I forward the message to TARGET Services, common components and applications along with the technical sender's DN.

[Further details on ESMIG can be found in the ESMIG UDFS.](#)

228265 EUROSISTEM UPDATE [internal review]: page 244 (RTGS UDFS-chapter 6.6 Business Day Management)

Addition of reference to BDM UDFS

Figure 1454 – BDM

[Further details on BDM can be found in the BDM UDFS.](#)

229266 EUROSISTEM UPDATE [internal review]: page 244-245 (RTGS UDFS-chapter 6.7 Contingency Services)

Consistency update and adaption of cross-reference links , edition of reference to ECONS-II UDFS

[..]

Contingency settlement supports an AS settlement procedure A with the restrictions as described in [the ECONS II UDFS, chapter "Settlement of AS Transaction files"](#). ~~eg. upload of AS files by a CB on behalf of Ancillary System in A2A mode. Ancillary systems and their CB and settlement banks have to come to a common agreement on how to set up the AS transfer orders in the contingency case.~~

[..]

ECONS-II for T2 is i) connected to the common components (ESMIG, CRDM, LEA), and ii) technologically diverse from the main T2 Services. The contingency settlement has its own fully segregated ESMIG components.

[Further details on ECONS-II can be found in the ECONS-II UDFS.](#)

230267 EUROSISTEM UPDATE [internal review]: page 248 (RTGS UDFS-chapter 7.2
Business and operations monitoring)

Correction of typo

[..]

The monitoring is a prominent task of the Operator Service Desk who monitors the TARGET Service infrastructure, the specific components and the common components continuously, thus allowing an immediate detection of possible deviations from the standard behaviour~~s~~.

[..]

234268 EUROSISTEM UPDATE [internal review]: page 248 (RTGS UDFS-chapter 8.1 Role of
CBs in RTGS)

Addition of ancillary systems

[..]

Each CB remains fully responsible for the business relations with its RTGS Account Holders and with its ancillary systems. Therefore, the system is designed in a "client-based" way in order to meet the administrative and monitoring requirements of the participating CBs.

Tasks of the CBs

In the context of RTGS, the CBs have the following tasks:

Administrative tasks	Operational tasks
Reference data set-up and maintenance <u>in CRDM</u>	All contacts and provision of any kind of support to their RTGS Account Holders and ancillary systems

...
Table 5395 - Tasks of the CBs

232269 EUROSISTEM UPDATE [internal review]: page 249 (RTGS UDFS-chapter 8.2

Processing of cash transfer orders - specific functions for CBs in relation to their community)

Alignment of terminology

[..]

In connection with ancillary systems, the CB can be the holder of several types of accounts including guarantee funds accounts and **AS** technical accounts (see chapter [Ancillary system settlement](#) ▶ **Error! Bookmark not defined.**440)).

[..]

In addition, a CB is able to support its RTGS Account Holders and ancillary systems in case of contingency situations on the side of the respective party by initiating cash transfer orders **in A2A** on behalf of them.

[..]

270 EUROSISTEM UPDATE [internal review]: page 250 (RTGS UDFS-chapter 8.3 Query management - specific functions for CBs)

Adaption of cross-reference links.

[...]

Since these queries are only available in U2A, further details on the search parameters and query results are provided in the RTGS UHB, chapter "*Monitoring*".

233271 EUROSISTEM UPDATE [ECB/TSWG review]: page 250 (RTGS UDFS-chapter 8.4 Contingency upload of A2A files and messages in U2A)

Alignment with other chapters and adaption of cross-reference links.

[..]

This procedure enables **participantsCBs** to forward messages (except for queries) or files to RTGS in case their **participants** connection to the NSP is interrupted or the provider has problems to process messages/files.

[..]

Both users need the respective privilege "~~A2A-Upload-U2A-File-or-message-in-U2A~~" as described in the CRDM UDFS, chapter "*Privileges*" in table "*RTGS functions*" and in the RTGS UHB, chapter "*List of Privileges*" ~~chapter "*Privilege*".~~

[..]

234272 EUROSISTEM UPDATE [internal review]: page 257 (RTGS UDFS-chapter 9.3.1
Description - Process RTGS payment order and liquidity transfer order)

Correction of SBTI as liquidity transfer linked with CR62

[..]

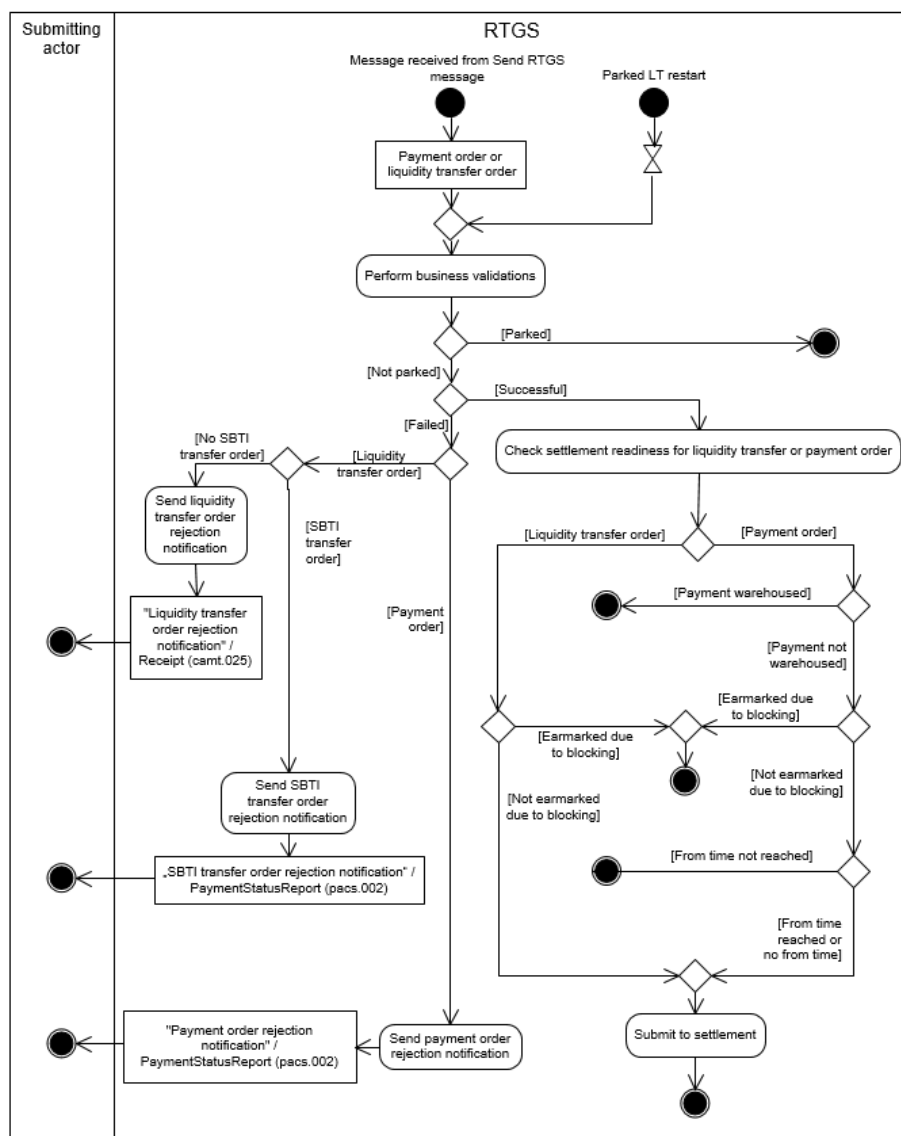


Figure 59 - Process RTGS payment order and liquidity transfer order

[...]

Perform business validations

The process verifies the compliance of a payment order, ~~SBTI transfer order~~ or of a liquidity transfer (including SBTI transfer order) order against the business validation rules. At the beginning of business validation RTGS checks if the individual message is a liquidity transfer order and if the system status allows processing or requires parking.

- ▮ **[Parked]** In case the liquidity transfer order is subject to parking, the processing terminates.
- ▮ **[Not parked]** In case the individual message is not a liquidity transfer order or the liquidity transfer order is not subject to parking, the step continues with business validation.{CR-62}

The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor.

- ▮ **[Failed]** The payment order, ~~SBTI transfer order~~ or liquidity transfer order is not compliant with the business validation rules. In case of a liquidity transfer order (except SBTI transfer order), the processing continues with the step "Send liquidity transfer order rejection notification". In case of a SBTI transfer order, the processing continues with the step "Send SBTI transfer order rejection notification". In case of a payment order, the processing continues with the step "Send payment order rejection notification".

[..]

235273 EUROSISTEM UPDATE [internal review]: page 260 (RTGS UDFS-chapter 9.3.2

Messages - Process RTGS payment order and liquidity transfer order)

Terminology alignment

[..]

Message description/usage	ISO message	ISO code
Payment order rejection notification	PaymentStatusReport [Error! Bookmark not defined.724]	pacs.002 [Error! Bookmark not defined.724]
SBTI transfer order rejection notification	PaymentStatusReport [Error! Bookmark not defined.724]	pacs.002 [Error! Bookmark not defined.724]
Liquidity transfer order rejection notification	Receipt [Error! Bookmark not defined.579]	camt.025 [Error! Bookmark not defined.579]

Table 103 - Outbound messages for process RTGS payment order and liquidity transfer order

**236274 EUROSISTEM UPDATE [internal review]: page 260 (RTGS UDFS-chapter 9.4.1
Description - 9.4 Request payment order revocation or recall)**

Terminology alignment

[..]

RTGS needs to receive a payment **order** revocation request or recall request to initiate the revocation of a queued, warehoused or earmarked payment order or the recall of a settled payment.

[..]

Details on the payment **order** revocation or recall requests including two examples are provided in chapter Payment order revocation and payment recall.

[..]

**237275 EUROSISTEM UPDATE [internal review]: page 270 (RTGS UDFS-chapter 9.7.1
Description – 9.7 Execute RTGS standing order)**

Correction of typo

RTGS standing order liquidity transfer orders are instructions to transfer regularly a fixed amount of money from an RTGS DCA to another cash account. Further details are provided in **table** Liquidity transfer directions.

[..]

I a business day event at which the execution of RTGS standing order liquidity transfer orders is possible except for the mandatory start of procedure and continues with the step. "Collect RTGS standing orders".[..]

[238276](#) EUROSISTEM UPDATE [internal review]: page 273 (RTGS UDFS-chapter 9.8.1

Description – 9.8 Settle RTGS standing order)

Correction of typo

RTGS sends a **credit** liquidity transfer to CLM.

[239277](#) EUROSISTEM UPDATE [internal review]: page 276-292 (RTGS UDFS-chapter 9.9.1

Description - 9.9 Perform standard RTGS settlement)

Clarification on terminology and SBTI

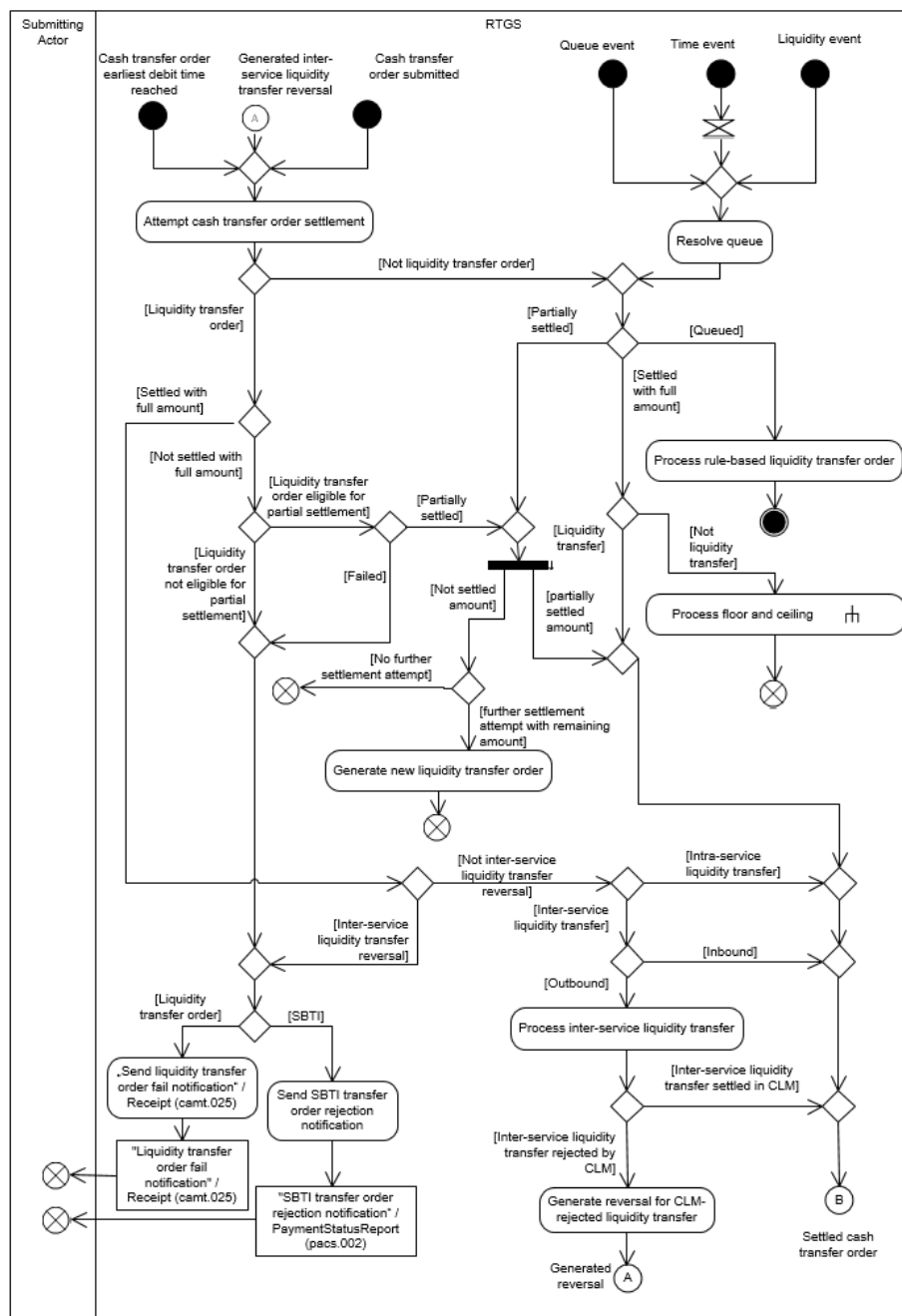


Figure 66 - Standard RTGS settlement I

[..]

! **[Failed]** – The settlement of the liquidity transfer order ~~or SBTI order~~ fails. In case of liquidity transfer order (except SBTI), the processing continues with “Send liquidity transfer order fail notification”. In case of SBTI order, the processing continues with “Send SBTI transfer order rejection notification”.

[..]

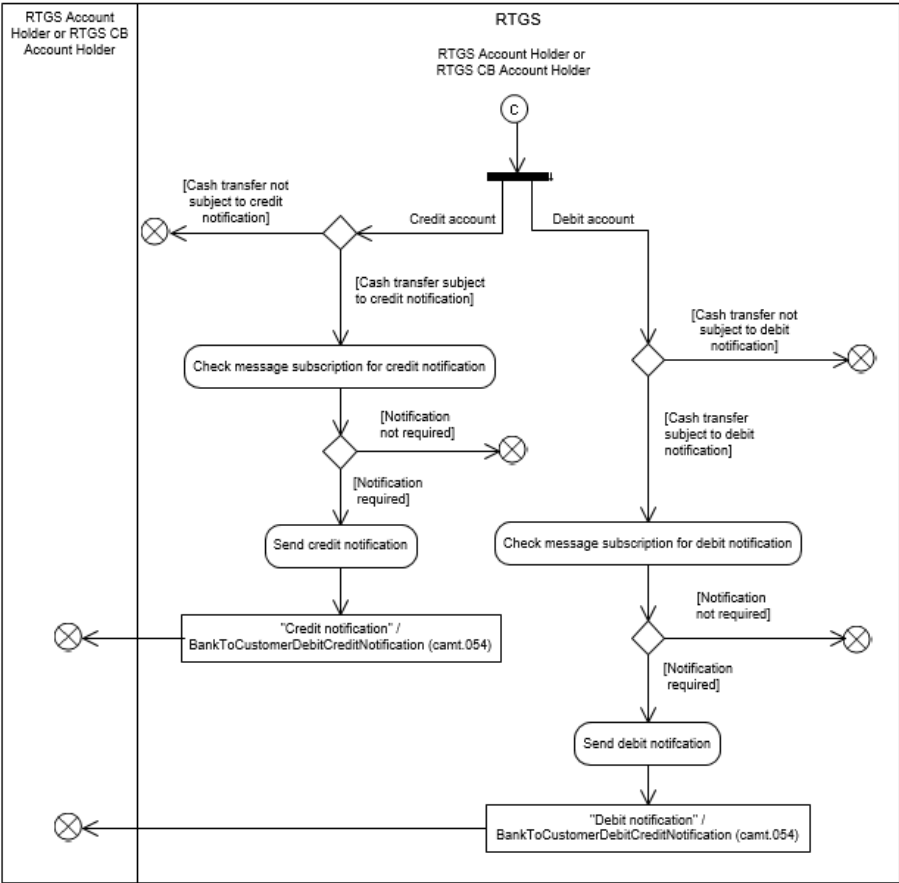


Figure 68 - Standard RTGS settlement III

[..]

Cash transfer order type	Submission type	Use case	"Debit notification"/ BankToCustomerDebitCreditNotification (camt.054) [Error! Bookmark not defined. 635]	"Credit notification"/ BankToCustomerDebitCreditNotification (camt.054) [Error! Bookmark not defined. 635]
SBFI	A2A	AS-settlement-procedure-D	=	=
	U2A	AS-settlement-procedure-D	Optional	=

Table ~~54114~~ - Outbound RTGS settlement notifications for the RTGS Account Holder or RTGS CB Account Holder
[..]

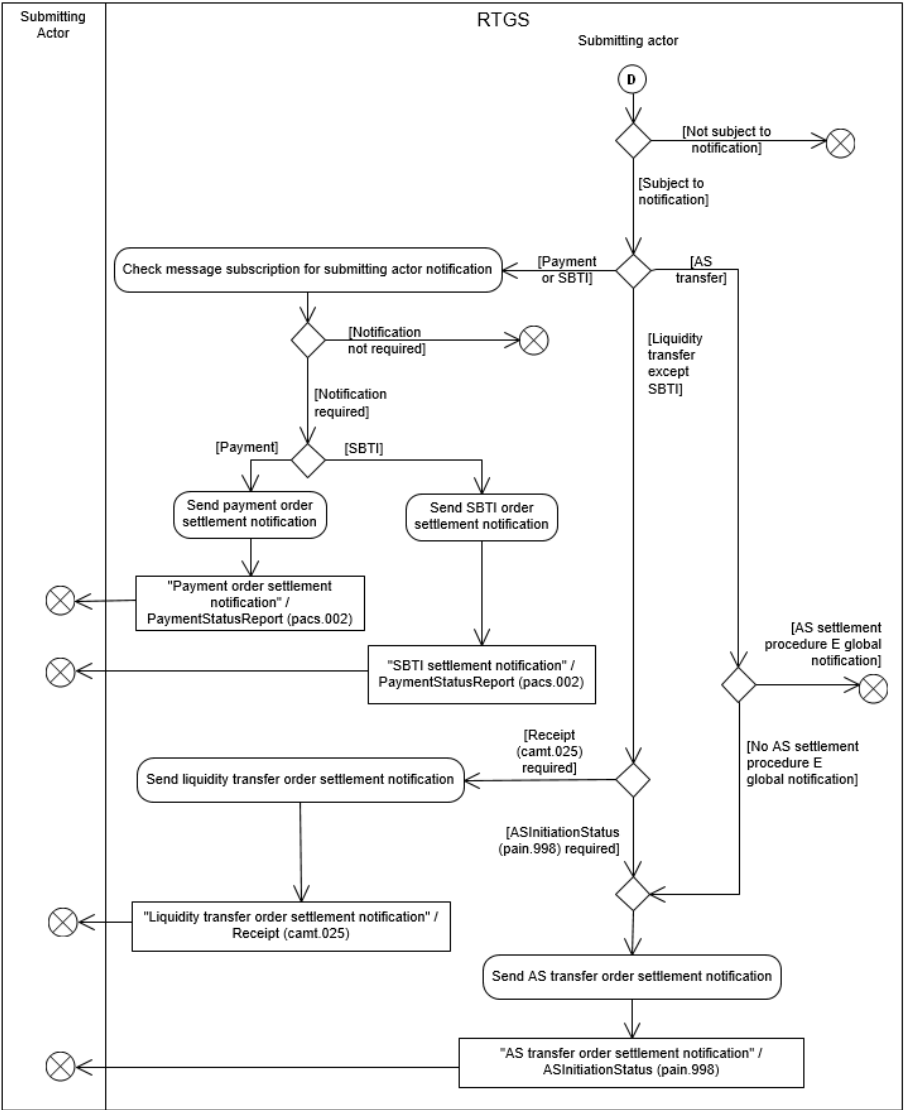


Figure 1570 - Standard RTGS settlement IV
[..]

Cash transfer order type	Submission type	Use case	"Payment order settlement notification"/ PaymentStatusReport (pacs.002) [▶ Error! Bookmark not defined.724]	"AS transfer order settlement notification"/ ASInitiationStatus (pain.998) [▶ Error! Bookmark not defined.849]	"Liquidity transfer order settlement notification"/ Receipt (camt.025) [▶ Error! Bookmark not defined.579]
...					
SBTI	A2A	AS-settlement-procedure-D	Optional	-	-
	U2A	AS-settlement-procedure-D	Optional	-	-

Table 55445 - Outbound RTGS settlement notifications for the submitting actor

[..]

| "Send SBTI [order](#) settlement notification";

[..]

Send SBTI [order](#) settlement notification

The process step creates a "SBTI [order](#) settlement notification"/ [PaymentStatusReport \(pacs.002\)](#) [▶ [Error! Bookmark not defined.724](#)] and sends it to the submitting actor.

[..]

Liquidity transfer	U2A	Liquidity transfer with credit or debit on sub-account	-	Mandatory
		Liquidity transfer with credit on AS technical account for AS settlement procedure D	Mandatory	-

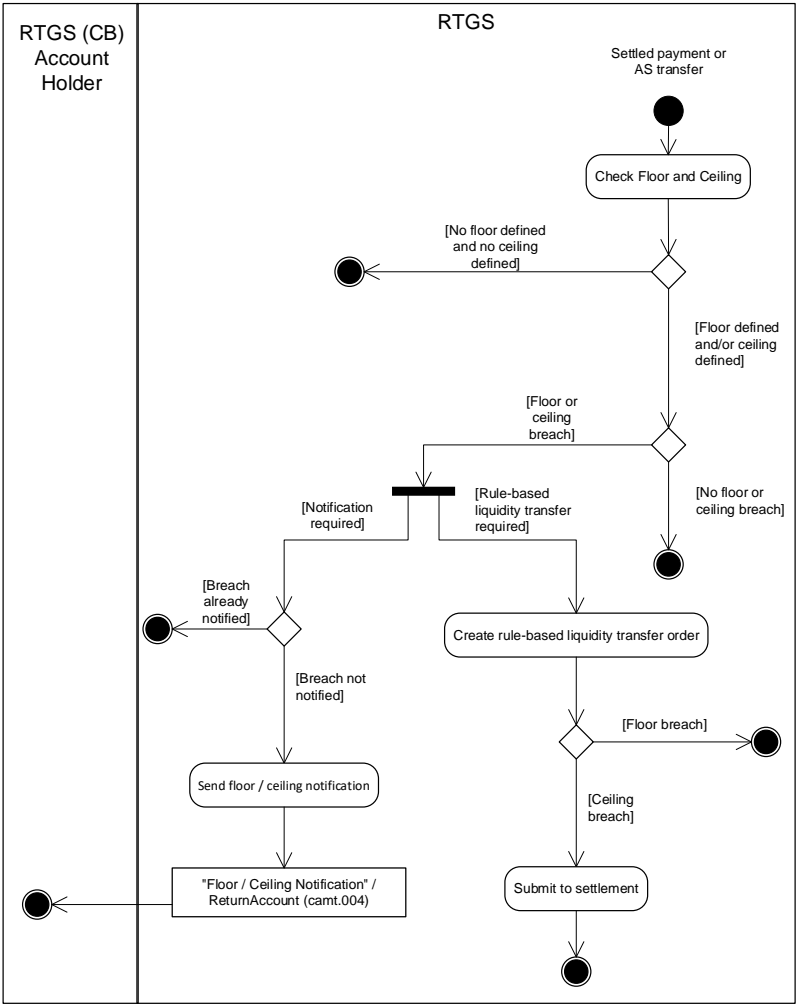
[..]

Liquidity transfer	A2A	Liquidity transfer with credit on AS technical account for AS settlement procedure D (FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) [▶ Error! Bookmark not defined.776] with code word SBTI)	Mandatory	-
--------------------	-----	---	-----------	---

Table 56446 - Outbound RTGS settlement notifications for the ancillary system using AS settlement procedure C or D

278EUROSYSTEM UPDATE [ECB/TSWG review]: page 295 - 296 (RTGS UDFS-chapter 9.10.1 Description – 9.10.1 Floor and ceiling processing)

Update of the graphic (figure 72) to incorporate RTGS CB Account Holder



Field Code Changed

Figure 72 - Floor and ceiling processing

240279 EUROSISTEM UPDATE [internal review]: page 298 (RTGS UDFS-chapter 9.12 Initiate RTGS reject time or till time broadcast)

Clarification on broadcast message

A payment order may include a "latest debit time". When a payment order includes a "latest debit time", RTGS monitors the latest debit time indicator of a payment order in order to initiate an A2A broadcast [via SystemEventNotification \(admi.004\)](#). Further details on "latest debit time indicator" are provided in chapter Execution time.

[..]

280 EUROSISTEM UPDATE [internal review]: page 315 (RTGS UDFS-chapter 9.14.7.1 Description - 9.14.7 Trigger guarantee fund mechanism use)

For AS business, the step "Perform business validation" has to stop validation after the first found error.

[..]

Perform business validations

~~The process verifies whether guarantee fund notification from the ancillary system is compliant with the business validation rules. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor. It performs the business validation until an error occurs or until it finishes successfully. After the first error, RTGS stops the business validation execution and reports the error to the submitting actor.~~

[..]

241281 EUROSISTEM UPDATE [internal review]: page 318 (RTGS UDFS-chapter 9.14.8.1 Description - 9.14.8 Terminate AS processing for AS settlement procedure A or B)

Correction of typos and terminology

[..]

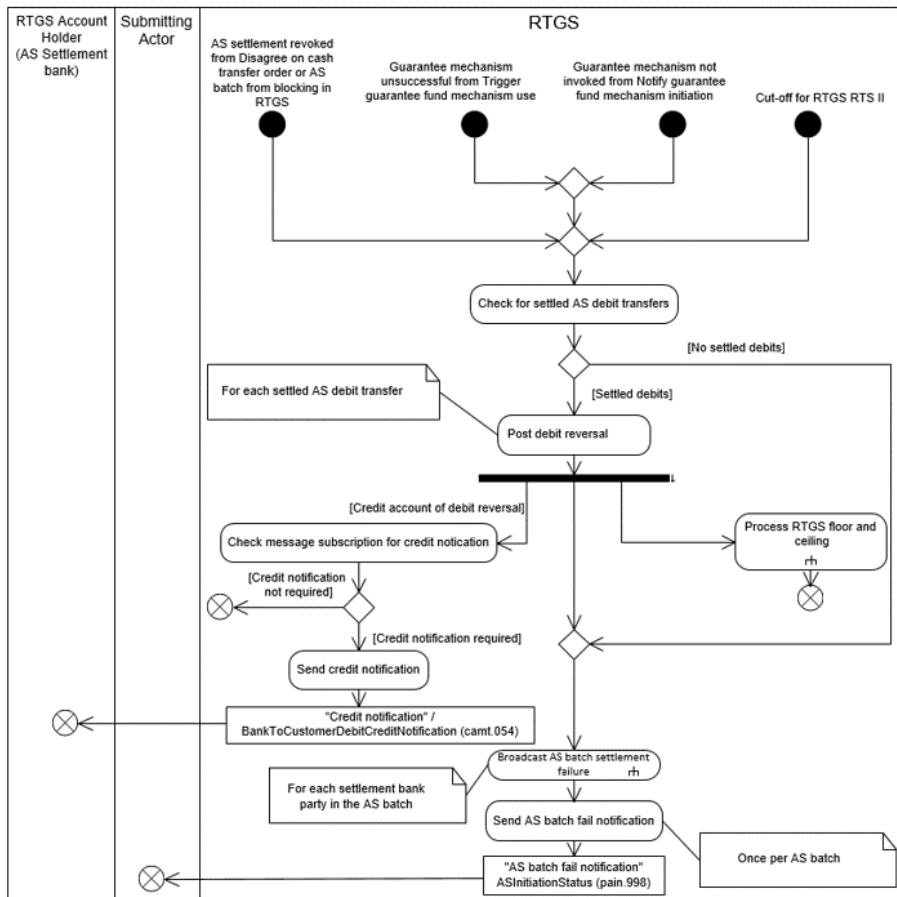


Figure 1684 - Terminate AS processing for AS settlement procedure A or B

This sub-process initiates the rejection of an AS batch based on the previously listed triggers. It continues with "Check for settled AS debit transfer ~~orders~~".

Check for settled AS debit transfer ~~orders~~

The processing step check whether RTGS has already settled any AS debit transfer ~~order~~. In case at least one AS debit transfer ~~order~~ settled, the processing continues for each settled AS debit transfer with the process step "Post debit reversal".

**282EUROSYSTEM UPDATE [internal review]: page 327 (RTGS UDFS-chapter 9.14.14.1
Description - 9.14.14 Execute start of procedure for AS settlement procedures C
and D)**

For AS business, the step "Perform business validation" has to stop validation after the first found error.

[..]

Perform business validations

~~The process verifies whether start of optional procedure C instruction is compliant with the business validation rules. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor. It performs the business validation until an error occurs or until it finishes successfully. After the first error, RTGS stops the business validation execution and reports the error to the submitting actor.~~

[..]

**283EUROSYSTEM UPDATE [internal review]: page 328 (RTGS UDFS-chapter 9.14.15.1
Description - 9.14.15 Execute start of cycle for AS settlement procedure C)**

For AS business, the step "Perform business validation" has to stop validation after the first found error.

[..]

Perform business validations

~~The process verifies whether start of cycle instruction is compliant with the business validation rules. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor. It performs the business validation until an error occurs or until it finishes successfully. After the first error, RTGS stops the business validation execution and reports the error to the submitting actor.~~

[..]

**284EUROSYSTEM UPDATE [internal review]: page 330 (RTGS UDFS-chapter 9.14.16.1
Description - 9.14.16 Execute end of cycle for AS settlement procedure C)**

For AS business, the step "Perform business validation" has to stop validation after the first found error.

[..]

Perform business validations

~~The process verifies whether end of cycle instruction is compliant with the business validation rules. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor. It performs the business validation until an error occurs or until it finishes successfully. After the first error, RTGS stops the business validation execution and reports the error to the submitting actor.~~

[..]

242285 EUROSISTEM UPDATE [internal review]: page 332f3 (RTGS UDFS-chapter 9.14.17.1
Description - 9.14.17 Execute end of procedure for AS settlement procedure C)

For AS business, the step "Perform business validation" has to stop validation after the first found error. Correction of typo

[..]

~~The process verifies whether end of procedure instruction is compliant with the business validation rules. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor. It performs the business validation until an error occurs or until it finishes successfully. After the first error, RTGS stops the business validation execution and reports the error to the submitting actor.~~

[..]

Send sub-account balances notification

The process step creates a "Subsub-account balances notification"/ReturnAccount (camt.004) [▶ **Error! Bookmark not defined.**473] and sends it to the ancillary system.

243286 EUROSISTEM UPDATE [internal review]: page 336 (RTGS UDFS-chapter 9.14.19.1
Description)

Clarification on floor ceiling check

[..]

- I **[Settled]** If the AS transfer order settles, the process continues with the sub-process "[Send AS transfer settlement notifications](#) [▶ **Error! Bookmark not defined.**322]" and [for ceiling check](#) with the sub-process "[Process RTGS floor and ceiling](#) [▶ **Error! Bookmark not defined.**307]" if the AS transfer involves an RTGS DCA.

[..]

244287 EUROSISTEM UPDATE [internal review]: page 337 (RTGS UDFS-chapter 9.14.20.1
Description - 9.14.20 Reject AS transfer order for AS settlement procedure C)

Correction of status definition in figure

[..]

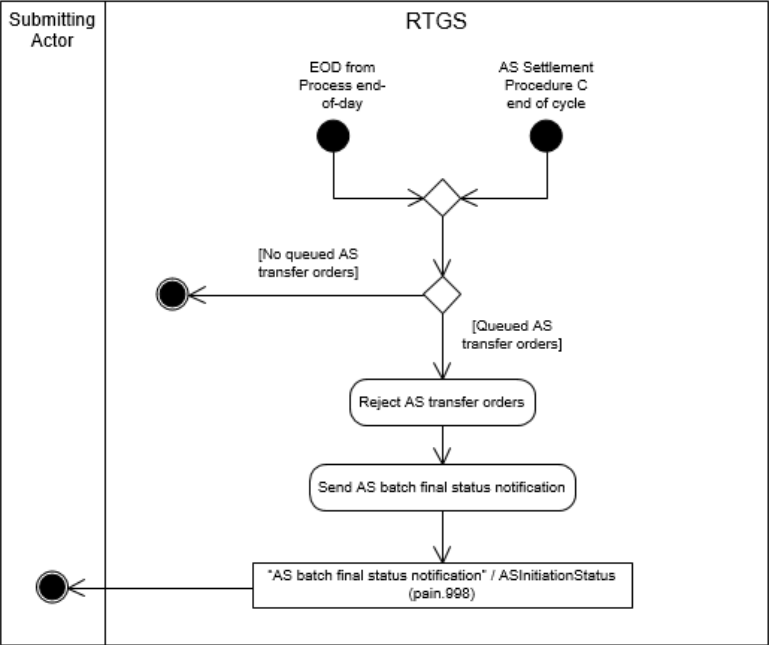


Figure 95 - Reject AS transfer order for AS settlement procedure C

[..]

245288 UROSISTEM UPDATE [internal review]: page 339 (RTGS UDFS-chapter 9.14.22.1
Description - 9.14.22 Process AS batch revocation)

Naming of figure corrected

[..]

Figure ~~1798~~ - Process AS batch ~~fail-notification~~ revocation

[..]

~~246289~~ EUROSISTEM UPDATE [internal review]: page 340 (RTGS UDFS-chapter 9.14.23.1
Description - 9.14.23 Process AS batch revocation broadcast)

Clarification on floor ceiling check

[..]

This sub-process sends an A2A broadcast [via SystemEventNotification \(admi.004\)](#) to the broadcast
subscribing party.

~~247290~~ EUROSISTEM UPDATE [internal review]: page 342 (RTGS UDFS-chapter 9.14.24.1
Description - 9.14.24 Return liquidity from sub-accounts to linked RTGS DCAs)

Clarification on event naming

[..]

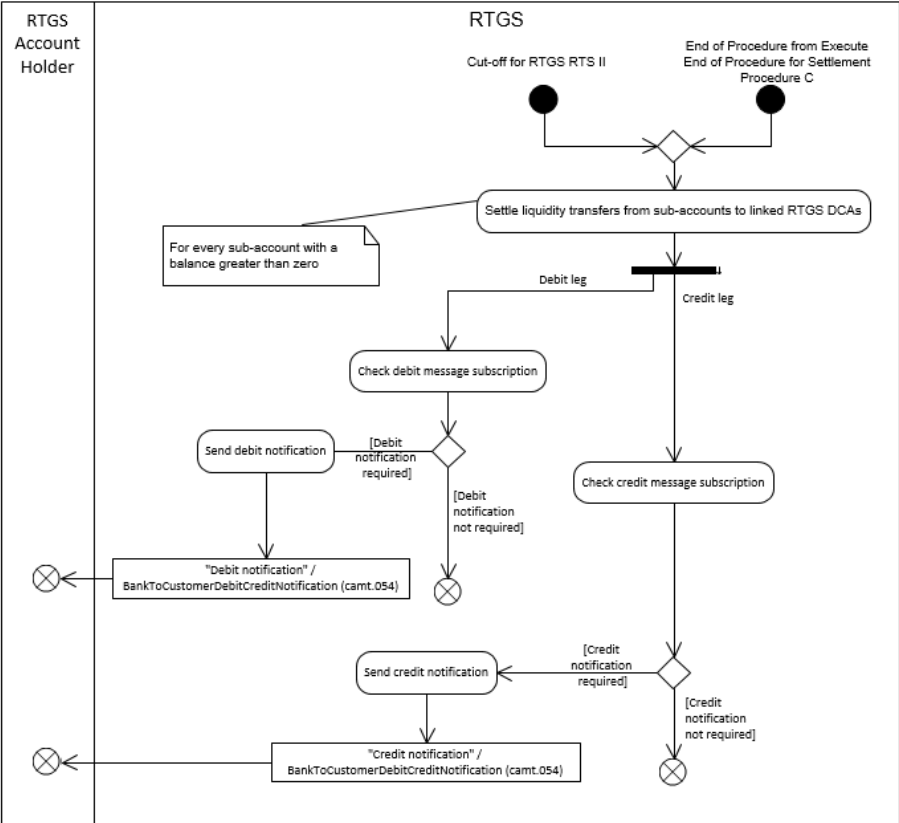


Figure 99 - Return liquidity from sub-accounts to RTGS DCAs
[...]

248291 EUROSISTEM UPDATE [internal review]: page 350 (RTGS UDFS-chapter 9.18.1
Description - 9.18 Reject pending limit modification)

Clarification on event naming

This sub-process removes a pending limit modification:

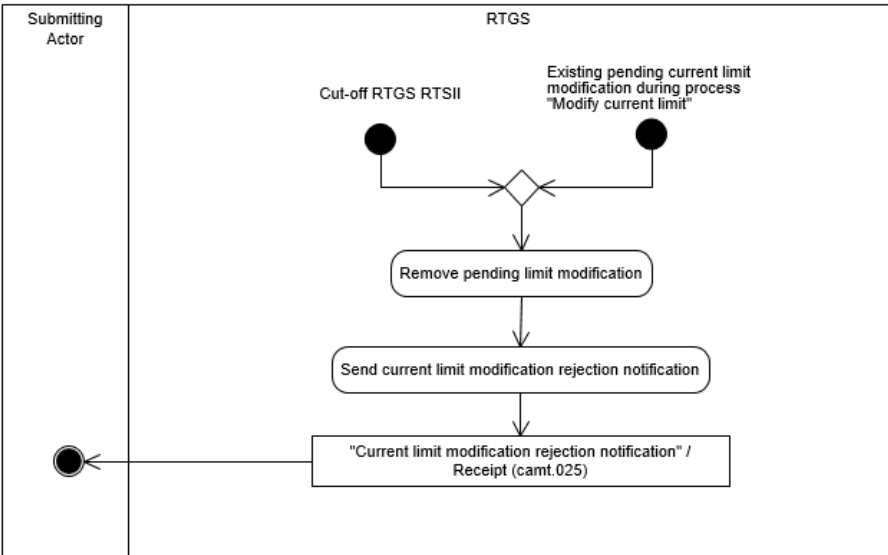


Figure 103 - Reject pending limit modification

249292 EUROSISTEM UPDATE [internal review]: page 354 (RTGS UDFS-chapter 9.19.1 Description)

Clarification on liquidity increase

RTGS initiates this process when it receives:

- a message from the process “Send RTGS message” to delete a current reservation (camt.049);
- a message from the process “Send RTGS message” to modify a current reservation (camt.048);
- the notification of a liquidity increase on the RTGS DCA in case of pending reservation.

250293 EUROSISTEM UPDATE [internal review]: page 354 (RTGS UDFS-chapter 9.21.1 Process business day event “Change of business day”)

Terminology correction

[..]

- | **[Failed]** The warehouse~~d~~ payment order is not compliant with the business validation rules. The processing continues with the sub-process [“Reject cash transfer order”](#) [~~Error! Bookmark not defined.~~357]”.
 - | **[Successful]** The warehouse~~d~~ payment order remains compliant with the business validation rules. The processing continues with the processing step “Process warehoused payment order”.
- [..]

254294EUROSYSTEM UPDATE [internal review]: page 369 (RTGS UDFS-chapter 9.22.4
Initiate RTGS operations-related broadcast)

Addition of message for chapter alignment

This process initiates the sending of an A2A broadcast [via SystemEventNotification \(admi.004\)](#) to each party in the list provided by the GUI and is triggered in case an RTGS operations-related broadcast was entered in the GUI.

[..]

252295EUROSYSTEM UPDATE [internal review]: page 369 (RTGS UDFS-chapter 9.22.5.1
Description - 9.22.5 Process RTGS operations-related broadcast)

Addition of message for chapter alignment

This sub-process sends an A2A broadcast [via SystemEventNotification \(admi.004\)](#) to the broadcast subscribing party.

253296EUROSYSTEM UPDATE [internal review]: page 371 (RTGS UDFS-chapter 10)

Message chapter naming and correction of typo

The objective is to allow the reader to find the necessary information related to messaging which is needed to establish a functioning system of A2~~AS~~ communication.

This introductory chapter [“Messages - General information”](#) provides ~~general~~**basic** information on the concept of messaging or/and information applicable to all messages in RTGS. The ~~Part IV-~~ Appendixes ~~[= 626]~~ [of this UDFS](#) contains comprehensive lists of relevant technical details for each message.

[...]

Overview and scope of the message

This chapter provides ~~basic~~**general** information about the scope of the message within the context of RTGS.

Schema

The reader can access the schema file both in XSD- and Excel-format.

[254297](#) EUROSISTEM UPDATE [internal review]: page 375 (RTGS UDFS-chapter 11.1.1)

Correction of typo

Basic information on the XML schema

XML schema conforms to the compulsory overall structure foreseen for ISO 20022 messages.

Each schema file requires an XML declaration.

[...]

Footnote: [...] For example, optional items can be removed or made mandatory, choices can be removed to keep no or fewer options, internal code lists can be reduced to the subset of codes that are actually used, size of text fields can be reduced, etc.[...]

ISO 20022 message

~~When being sent as an ISO 20022 message, an XML schema is referred to as message instance.~~

[...]

Message items which occur as XML tags within the message instance can appear at any level of nesting in the message.

[...]

~~Simple data types serve as a prescription on how to fill the respective message element in the message instance.~~

Example

~~Simple data types serve as a prescription on how to fill the respective message element in the message instance.~~

The simple type shown below prescribes the way in which the currency code must be entered:

[255298](#) EUROSISTEM UPDATE [internal review]: page 376 (RTGS UDFS-chapter 11.1.2)

Correction of typo (two words), numbering

Based upon the enriched ISO schema files for its messages, once available, (i.e. after the enrichment of newly-developed messages or after the publication of maintained messages in the context of a new standards release) these schema files are customised to adapt them to the specificities applicable in the context of RTGS.

[...]

¹ a (part of a) message only contains elements which are supported by RTGS and there is hence no need for any pruning;

² RTGS does not need a certain element but it cannot be pruned in the message because of a particular actor need;

- ~~13.~~ neither RTGS nor RTGS Actors need a certain element and therefore it is pruned;
- ~~14.~~ neither RTGS nor its RTGS Actors need a certain element but as mandatory element in the ISO schema file it cannot be pruned and may be filled with a dummy value in RTGS.
- [...]
- For any other RTGS outbound message the filling of optional fields also depends ~~on~~-either on:

~~256299~~257300 EUROSISTEM UPDATE [internal review]: page 379 (RTGS UDFS-chapter 11.1.3.1)

Corrections

RTGS provides the RTGS enriched schema file description in several formats: in XSD~~xsd~~, Excel and PDF~~pdf~~ on MyStandards.

[...]

A short extract from an XML~~xml~~ message ~~file~~ for exemplary purposes (ISO 20022 standard message):

~~257300~~258301 EUROSISTEM UPDATE [internal review]: page 381 (RTGS UDFS-chapter 11.1.3.2)

Corrections add information for external code set

This business validation in RTGS takes place on the basis of a set of pre-defined business rules which are available in the Appendix to this document (~~see chapter: Index of validation rules and error codes~~).

On a general level RTGS verifies the validity of the transmitted message content against its reference~~static~~ data repository.

[...]

RTGS messages rely on "External Code Sets" for some elements. RTGS message elements with a data type starting with "External", e.g. ExternalLocalInstrument1Code, ExternalReason1Code or ExternalCategoryPurpose1Code, should be filled with such codes, which are published in a spreadsheet on the ISO 20022 homepage. If the code to be used is relevant for RTGS processing, this is outlined in the relevant message element. For all other cases, RTGS will not check the message against the values available in the spreadsheet.

~~258301~~259302 EUROSISTEM UPDATE [internal review]: page 383 (RTGS UDFS-chapter 11.2.1.2)

Add "network"

The rejection of the query messages is caused by the fact that files are submitted via store-n-forward network service ~~channel~~, which is not allowed for inbound query messages.

259302 EUROSISTEM UPDATE [internal review]: page 386 (RTGS UDFS-chapter 11.2.2)**Corrections**

Depending on the specific processing ~~of connected to~~ a message the time information will be processed in different ways.

In the RTGS inbound case any ISO Time compliant data format amended by mandatory time shift information will be accepted, which means in particular also with or without seconds and milliseconds, e.g. settlement time request `<FrTm>2021-12-17T10:30+01:00</FrTm>`.

In the RTGS outbound case all time information generated by RTGS, including seconds and milliseconds, are provided, i.e. in particular:

260303 EUROSISTEM UPDATE [internal review]: page 386/387 (RTGS UDFS-chapter 11.2.3 Outbound traffic exceeding given size limitations)**Corrections and adaption of cross-reference links.**

[...]

For a query ~~requests~~ received via a ~~real-time~~ message-based network service, the network service ~~will have to~~ be switched, if the query response exceeds the 32 KB (size restriction for message-based network service). ESMIGRTGS then sends an ~~error response message to the business sender of the query~~ ~~error response~~ via the ~~real-time network service channel~~ in which the ~~query request~~ was received. ~~For further information, see ESMIG UDFS, chapter "Message-based and File-Based Real-Time", and additionally "pushes" to~~ The query response ~~is then provided in the store-n-forward network service.~~

In case a ~~query response~~/report exceeds the maximum size of 32 MB, the RTGS outbound exchange may split in several parts. This may be the case for: BankToCustomerStatement (camt.053) [] 183] (statement of accounts ~~is considered as query response as well as report~~).

In order to ~~advise~~ ~~indicate~~ that a ~~query response~~/report was split, the business payload elements ~~<MsgPgntn>~~ is foreseen to indicate "pagination" ~~is used (<Pgntn> ... </Pgntn>) or for BankToCustomerStatement (camt.053) is used (<MsgPgntn>...</MsgPgntn>) is used accordingly.~~

For camt.053 a specific procedure for splitting is implemented. In order to avoid exchange parts exceeding 32 MB, the BankToCustomerStatement (camt.053) [] 183] is split at element BkToCstmrStmnt/StmntNtry in the business payload.

In case splitting is applied, the following page starts with the same information within the <Stmnt> block as the last entry of the previous page (listing the same account number and the relating balances) and continues in the <Ntry> block by listing all ~~account entries~~ ~~instructions~~ that do not fit into the previous page.

264304 EUROSISTEM UPDATE [internal review]: page 396 (RTGS UDFS-chapter 11.4)

Correction of typo

Clearing System Reference transports the booking reference ~~to be~~ assigned by RTGS.

[...]

An End-to-end references ~~is~~ passed on, unchanged, throughout the entire end-to-end chain. Depending on ~~its~~ ~~their~~ nature, ~~they~~ ~~it~~ ~~is~~ added either by the initiating party or by RTGS.

262305 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 397, **408** (RTGS UDFS-chapter 11.5)Corrections to CR62, CSLD JIRA 942

The details of the message examples in the below listed ~~table~~ business scenarios can be found in the sub-chapter "The message in business context" of each message in List of messages.

The ~~system of real BICs is a small world of entities upon which the business~~ scenarios have been laid upon a system of real BICs. ~~Real BIC codes are used~~ and the related account identifiers follow a logical structure.

In the following table, the business reader is provided with a list of all BICs and account identifiers found in the RTGS business scenarios.

<u>Description of usage</u>	<u>Party BIC</u>	<u>Account BIC</u>	<u>Account identifier</u>
[...]			
<u>RTGS DCA</u>	<u>SOGEFRPPHCM</u>	<u>SOGEFRPPHCM</u>	<u>RDEEURSOGEFRPPHCMSOGEFRPPHCM</u>
<u>RTGS DCA</u>	<u>SYBKDE22HAM</u>	<u>SYBKDE22HAM</u>	<u>RDEEURSYBKDE22HAMS</u> <u>SYBKDE22HAM</u>
<u>Party (payment bank #5)</u>	<u>SYBKDEFFHAM</u>		
<u>Party (Indirect participant)</u>	<u>SYBKDEK22CPH</u>		
[...]			

Table 165 - Table of BICs and account identifiers

[...]

<u>Scenario 028 – RTGS pacs.009 COV settlement</u>	<u>A pacs.009 COV payment message is fully processed and settled. The inbound</u>	<u>Inbound pacs.009 RTGS FICreditTransferOrder COV bs028.xml</u> <u>Outbound pacs.009 RTGS FICreditTransfer COV</u>
--	---	--

	<u>pacs.009 is then forwarded as an outbound pacs.009 to the next business receiver in the payment chain. RTGS generates and sends a pacs.002 to the business sender of the Pacs.009 COV.</u>	<u>bs028.xml</u> <u>Pacs.002 RTGS FIPaymentStatusReport ACSC bs028.xml</u>
<u>Scenario 055 – RTGS camt.018 request for event status information (Business day with optional maintenance window-Optional Maintenance Day)</u>	<u>A camt.018 message is sent to RTGS requesting to be informed of the status of all events in the RTGS system. The message is sent on a day when the system schedule contains an Optional Maintenance Window. The valid request is processed and a camt.019 is returned with the appropriate Optional Maintenance Window day information.</u>	<u>camt.018 RTGS CurrentEventQuery bs055.xml</u> <u>camt.019 RTGS CurrentEventQueryResponse bs055.xml</u>
<u>Scenario 067 – RTGS standing order settles</u>	<u>A pre-defined standing order in CRDM is executed in RTGS moving liquidity from one DCA to another DCA and settles successfully. Since standing orders are a special case of liquidity order, they are processed immediately.</u>	<u>camt.054 RTGS CreditNotification StandingOrder bs067.xml</u>
<u>Scenario 069 – RTGS camt.11 limit modification completes</u>	<u>A camt.011 limit modification is sent to RTGS well before end of day and passes validation. RTGS executes the modification successfully and then informs the sender of the success using a camt.025 message. In this scenario, BAH (head.001) are provided</u>	<u>Inbound head.001 RTGS BAH bs069.xml</u> <u>camt.011 RTGS ModifyCurrentLimit bs069.xml</u> <u>Outbound head.001 RTGS BAH bs069.xml</u> <u>camt.025 RTGS Receipt XSTS COMP bs069.xml</u>

	<u>additionally for both inbound and outbound messages</u>	
<u>Scenario 070 – CLM camt.050 MCA-to-DCA successfully settledsee CLM UDFS</u>	<u>::</u>	<u>camt.054 RTGS CreditNotification LIOT bs070.xml</u> <u>!</u>
<u>Scenario 072 – RTGS camt.018 request for event status information (Business day with non-optional maintenance window)Mandatory Maintenance Day</u>	<u>Camt.018 message is sent into RTGS requesting to be informed of the status of all Events in the RTGS system. The message is sent on a day when the system schedule contains a non-optionalMandatory Maintenance Window. The valid request is processed and a camt.019 is returned with the appropriate non-optionalMandatory Maintenance Windowday information.</u>	<u>camt.018 RTGS CurrentEventQuery bs072.xml</u> <u>camt.019 RTGS CurrentEventQueryResponse bs072.xml</u>
<u>Scenario 081 – RTGS payment reject time broadcastvalidity timeout</u>	<u>A pacs.009 payment order message was validated by RTGS and queued for execution within the settlement time requestvalidity period given on the payment order. 15 minutes beforeBy the end of the validity period, the indicated reject time in the payment order had not achieved settlement so RTGS rejected it and used sends an admi.004 system event notification message to notify the sender of the pacs.009 about the possible rejection.</u>	<u>Inbound_pacs.009_RTGS_FICreditTransferOrder_bs081.xml (not available)</u> <u>admi.004_RTGS_SystemEventNotification_RJCT_bs081.xml</u>

	Note: to avoid an excess number of example payment messages, the pacs.009 is not available, but is assumed to be of a basic data population with a validity-period <u>defined reject time</u> and appropriate references for this scenario	
Scenario 082 – RTGS operations related <u>broadcast</u>	During the processing day, a problem occurred whereby an RTGS Party had to be <u>blocked temporarily-excluded-while-the problem-was-resolved</u> . The Operator used RTGS to send an adm.004 system event notification message to notify relevant parties of the exclusion.	admi.004_RTGS_SystemEventNotification_FREE_bs082.xml
<u>Scenario 304 – Account holder requesting a single transaction</u>	<u>An account owner sends a transaction query (camt.005) for a single transaction which the sender identifies using a unique reference. The list of required data fields is very small since the transaction data is already known to the sender. RTGS returns a camt.006 with the requested information.</u>	<u>camt.005_RTGS_GetTransaction_bs304.xml</u> <u>camt.006_RTGS_ReturnTransaction_bs304.xml</u>
<u>Scenario 305 – CB requesting all transactions</u>	<u>A CB sends a transaction query (camt.005) – which is identical to the query used in bs302 -to RTGS requesting details of all transactions for the current day against all accounts in its community. The list of accounts is limited by the data-scope of the</u>	<u>camt.005_RTGS_GetTransaction_bs305.xml</u> <u>camt.006_RTGS_ReturnTransaction_bs305.xml</u>

	<u>sending CB and the list of required data fields is explicitly indicated in the query message. RTGS returns a camt.006 with the requested information.</u>	
<u>Scenario 306 - Account holder requesting a single transaction with all fields</u>	<u>An account owner sends a transaction query (camt.005) for a single transaction which the sender identifies using a unique reference. There is no list of required fields provided. RTGS returns a camt.006 with the requested information.</u>	<u>camt.005 RTGS GetTransaction bs306.xml</u> <u>camt.006 RTGS ReturnTransaction bs306.xml</u>
<u>Scenario 307 - Account holder requesting AS transactions</u>	<u>An account owner sends a transaction query (camt.005) requesting a small amount of information for all AS transactions on all of its accounts. RTGS returns a camt.006 with the requested information.</u>	<u>camt.005 RTGS GetTransaction bs307.xml</u> <u>camt.006 RTGS ReturnTransaction bs307.xml</u>

Table xxx - Table of business scenarios

[...]

The tables 162 – 197 (business scenarios) were all summarized to one table including all business scenarios (Table of business scenarios) to provide the reader of the UDFS an enhanced convenience.

263306 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 417 (RTGS UDFS-chapter 12.1.1.3)

Corrections to CR62 <u>and ECB/TSWG review</u>
--

[...]

Usage case: RTGS payment ~~reject time broadcast validity-timeout~~ (Scenario 081)

In this example, RTGS is notifying the receiver by a broadcast message that ~~at~~ a previously valid payment order ~~could~~has failed to reach settlement ~~within 15 minutes~~during its stated validity period. The debtor RTGS account is shown along with the original priority, payment order UETR and the time of rejection.

[...]

Table xxx - SystemEventNotification (admi.004) – usage case Payment ~~reject_time broadcastvalidity-timeout~~ (Scenario 081)

[...]

Usage case: RTGS operations related broadcast (Scenario 082)

In this example, the RTGS Operator is notifying the receiver that ~~at~~ a Party BIC has had to be ~~excluded-blocked~~ and advises that any payments sent for that party will be rejected.

[...]

Table xx - SystemEventNotification (admi.004) – usage case Operations related broadcast (Scenario 082)

[...]

Usage case: Procedure A settlement failure – REVA (Scenario 503)

In these examples, RTGS is informing all payment banks affected in an AS Transfer Initiation (pain.998 ASTI) that all movements instructed using the ASTI have failed owing to revocation by the central bank. The broadcasts are sent at 10:28, 8 minutes after the expected settlement time, reflecting the time taken by the CB to investigate, decide and implement their revocation.

Since the movement in the broadcast is referenced by the reference of the AS Transfer Initiation (pain.998) there will be the same System Event Notification (admi.004) for each movement involved. In this scenario:

- the first System Event Notification (admi.004) suffixed '-1D' relates to the first and the third movement (Grpld: Inp998b503-Grpld) and is sent to the payment bank owning the debit account (account-BIC: PBBBDEFFXXUBSWCHZHXXX);
- the second System Event Notification (admi.004) suffixed '-2C' relates to the second movement (Grpld: Inp998b503-Grpld) and is sent to the payment bank owning the credit account (account-BIC: PBAADDEFFAC1COBADEFFXXX);
- the third System Event Notification (admi.004) suffixed '-4C' relates to the fourth movement (Grpld: Inp998b503-Grpld) and is sent to the payment bank owning the credit account (account-BIC: PBDDDEFFAC1SOGEFRPPHCM);

[...]

(Scenario 582 – Usage case: Procedure E mixed settlement – REVE)

Message item	Utilisation
Event Parameter (parameter 6) Document/SysEvtNtfctn/EvtInf/EvtParam	<u>COBADEFFXXX</u> <u>SOLADEST600</u>
Event Parameter (parameter 8) Document/SysEvtNtfctn/EvtInf/EvtParam	<u>UBSWCHZHXXX</u> <u>SOLADEST600</u>

Table xxx - GetTransaction (admi.004)

Usage case example: admi.004_AS-E_Broadcast_REVE_bs582-2C.xml

(Scenario 582 – Usage case: Procedure E mixed settlement - SEFE)

In this example, RTGS is informing a payment bank (party BIC: UBSWCHZHXXX) that a movement included in an AS Transfer Initiation (pain.998 ASTI) (Grpld: Inp998b582-Grpld) using one of its RTGS accounts, has failed to settle within the requested settlement period (SEFE).

[...]

264307 EUROSISTEM UPDATE [ECB/TSWG review]: page 456 (RTGS UDFS-chapter 12.1.2.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. For business rules applicable to ReportQueryRequest refer to the chapter Index of validation rules and error codes.

265308 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 425 (RTGS UDFS-chapter 12.1.3.1)

Correction to CR62

[...]

The ReceiptAcknowledgement message is sent with a BAH, to inform of a validation error and switch of network service for the ReportQueryRequest ~~message~~ (admi.005) message and GetTransaction (camt.005) message only for all other usages.

The ReceiptAcknowledgement message is sent by RTGS to the business sender of an Account statement query and Cash transfer query to inform of pagination and the respective switch to store-n-forward network ~~channel~~service. Additionally, the respective query response is provided via store-n-forward network ~~channel~~service.

266309 EUROSISTEM UPDATE [internal review]: page 427 (RTGS UDFS-chapter 12.1.3.3)

Correction of typo

[...]

The previous camt.050 can be identified using the camt.050 BAH BizMsgId, which is supplied on the admi.007.

267310 EUROSISTEM UPDATE [internal review]: page 462 (RTGS UDFS-chapter 12.2.1.2)

Correction

The RTGS-specific schema and documentation in XSD/Excel/PDF format as well as the message examples are provided outside of this document under the following link:

268311 EUROSISTEM UPDATE [ECB/TSWG review]: page 462 (RTGS UDFS-chapter 12.2.1.3)

Removal paragraph

Specific message contents

All content must comply with the business rules for the message. ~~For business rules applicable to GetAccount refer to the chapter Index of validation rules and error codes.~~

269312 EUROSISTEM UPDATE [ECB/TSWG review]: page 465 (RTGS UDFS-chapter 12.2.2.3)

Removal paragraph originally introduced by CR 45

Specific message contents

~~All content must comply with the business rules for the message. For business rules applicable to ReturnAccount refer to the chapter Index of validation rules and error codes.~~

313 EUROSISTEM UPDATE [ECB/TSWG review]: page 471 (RTGS UDFS-chapter 12.2.2.3)

Correction of xpath

Message item	Utilisation
[...]	[...]
Processing Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr /Acct/MulBal/PrcgDt/DtTm	RTGS Push notification-Use: Not used. RTGS Query response-Use: Current system date expressed in calendar day (UTC). Provided for balance type codes CRRT, XPCD, NOTE, LTSF and PYMT.

Table 183 - ReturnAccount (camt.004)

314EUROSYSTEM UPDATE [ECB/TSWG review]: page 499 (RTGS UDFS-chapter 12.2.3.2)

Correction to CR63

[...]
QueryType
Specifies the type of matching items to be returned in the response to the query.

QueryName
Recalls the criteria (search and return criteria) defined in a preceding query.
[...]

270315EUROSYSTEM UPDATE [internal review]: page 434 (RTGS UDFS-chapter 12.2.3.3)

Harmonisation of utilisation with response message

Message item	Utilisation
End To End Identification /Document/GetTx/TxQryDef/TxCrit/NewCrit/Sch Crit/PmtSch/EndToEndId	[...] Business case referenceID in case of other system-generated cash transfer (order)s.

Table xxx - GetTransaction (camt.005)

274316EUROSYSTEM UPDATE [internal review]: page 521 (RTGS UDFS-chapter 12.2.4.1)

Correction to CR63

In case of pagination, admi.007 ReceiptAcknowledgement message is used to inform the business sender of the Cash transfer query about pagination and the respective switch to store-n-forward network **channelService**. Additionally the respective query response is provided via store-n-forward network **channelService**.

272317EUROSYSTEM UPDATE [ECB/TSWG review]: page 522 (RTGS UDFS-chapter 12.2.4.3)

Removal paragraph

Specific message requirements content

All content must comply with the business rules for the message. For business rules applicable to ReturnTransaction refer to the chapter Index of validation rules and error codes.

273318 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 436 (RTGS UDFS-chapter 12.2.4.3)

Harmonisation of utilisation with query message

Message item	Utilisation
[...]	[...]
End To End Identification /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/EndToEndId	[...] Business case <u>referenceID</u> in case of other system-generated cash transfer (order)s.

Table xxx - ReturnTransaction (camt.006)

Corrections to business scenario 303

Usage case: RTGS Get Transaction camt.006 (Scenario 303)

In this example, RTGS is responding to the business sender of an invalid inbound camt.005 message, with information relating to the validation errors found.

In this case, the business rule code is "E112T207" with a description of "Invalid search criteriaThe specified cash account is not known to the service".

Message item	Utilisation
[...]	[...]
Error Proprietary /Document/RtrTx/RptOrErr/OprlErr/Err/Prtry	<u>E112T207</u>
Description /Document/RtrTx/RptOrErr/OprlErr/Dsc	<u>Invalid search criteriaThe specified cash account is not known to the service</u>

Table xxx - ReturnTransaction (camt.006) – usage case request for transactions with error response (Scenario 303)

274319 EUROSISTEM UPDATE [internal review]: page 437 (RTGS UDFS-chapter 12.2.5.1)

Re-introduce word "message" which was removed with CR62 (SDD CN007)

In response to the ModifyTransaction message, a Receipt (camt.025) message is sent, indicating the success or rejection/failure of the modification.

275320 EUROSISTEM UPDATE [internal review]: page 438 (RTGS UDFS-chapter 12.2.5.2)

Correction of modification of priority

This building block is mandatory and non-repetitive. It identifies the payment and the modification to be executed.

The modifiable attributes are:

- priority (it is not possible to change from or to HIGH priority URGT);
- processing validity time.

276321 EUROSISTEM UPDATE [ECB/TSWG review]: page 552 (RTGS UDFS-chapter 12.2.5.3)

Removal paragraph

Specific message contents

~~The previously sent payment must not be already settled, for this amendment to take effect.~~

All content must comply with the business rules for the message. ~~For business rules applicable to ModifyTransaction refer to the chapter Index of validation rules and error codes.~~

322 -EUROSISTEM UPDATE [ECB/TSWG review]: page 553 (RTGS UDFS-chapter 12.2.5.3)

Add "/" to xpath of camt.007

Message item	Utilisation
[...]	[...]
Instructed Agent /Document/ModifyTx/Mod/PmtId/LngBizId/Instd Agt/FinInstnId/LEI	If provided, this element is ignored by RTGS

Table 209 - ModifyTransaction (camt.007)

277323 EUROSISTEM UPDATE [ECB/TSWG review]: page 556 (RTGS UDFS-chapter 12.2.6.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. ~~For business rules applicable to refer GetLimit to the chapter Index of validation rules and error codes.~~

278324 EUROSISTEM UPDATE [ECB/TSWG review]: page 556 (RTGS UDFS-chapter 12.2.6.3)

Harmonisation of utilisation with Usage guideline annotation

Message item	Utilisation
--------------	-------------

AccountIdentification /Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/ SchCrit/AcctId/Othr/Id	<u>Account Id for which the limit is defined</u> RTGS cash account ID- Account number of RTGS cash account.
LimitCurrency /Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/ SchCrit/LmtCcy	This element must be used <u>in case</u> when no AcctId is provided.

Table 215 - GetLimit (camt.009)

279325 EUROSISTEM UPDATE [internal review]: page 444 (RTGS UDFS-chapter 12.2.7.2)

Correction

The RTGS-specific schema and documentation in XSD/ExcelXCEL/PDF format as well as the message examples are provided outside of this document under the following link:

280326 EUROSISTEM UPDATE [ECB/TSWG review]: page 559 (RTGS UDFS-chapter 12.2.7.3)

Harmonisation of utilisation with chapter 12.2.8.3 – based on ECB/TSWG comment 16

Message item	Utilisation
Bilateral Limit Counterparty Identification /Document/RtrLmt/RptOrErr/BizRpt/CurLmt/Lmt Id/BilLmtCtrPtyId/FinInstnId/BICFI	<u>Identification of the bilateral limit counterparty</u> Account BIC as Bilateral Limit Account Identification to be used for BILL.
/Document/RtrLmt/RptOrErr/BizRpt/CurLmt/Lmt Id/AcctId/Othr/Id	<u>Identification of RTGS cash account</u> Account number of RTGS cash account

Table 218 - ReturnLimit (camt.010)

284327 EUROSISTEM UPDATE [ECB/TSWG review]: page 562 (RTGS UDFS-chapter 12.2.8.2)

Amendment paragraph limit details

LimitDetails

This building block is mandatory and non-repetitive and contains detailed information related to the limit to be updated. It includes the following blocks:

282328 EUROSISTEM UPDATE [ECB/TSWG review]: page 563 (RTGS UDFS-chapter 12.2.8.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. For business rules applicable to ModifyLimit refer to the chapter Index of validation rules and error codes.

283329 EUROSISTEM UPDATE [ECB/TSWG review]: page 563 (RTGS UDFS-chapter 12.2.8.3)

Harmonisation of utilisation with Usage guideline annotation and correction of xpath for Message Id

Message item	Utilisation
Message ID /Document/GetLmt/MsgHdr/MsgId/Document/ModifyLmt/MsgHdr/MsgId	Value "NONREF" as the message ID is already part of the BAH
Bilateral Limit Counterparty Identification /Document/ModifyLmt/LmtDtls/LmtId/Cur/BilLmtCtrPtyId/FinInstnId/BICFI	Identification of the bilateral limit counterparty <u>Cash Account BIC as Bilateral Limit Account Identification to be used for BIL.</u>
Account Identification Document/ModifyLmt/LmtDtls/LmtId/Cur/AcctId/Othr/Id	Identification of RTGS cash account <u>Account number of RTGS cash account</u>

Table 221 - ModifyLimit (camt.011)

284330 EUROSISTEM UPDATE [internal review]: page 449/450 (RTGS UDFS-chapter 12.2.8.3)

Correction of xpaths

Message item	Utilisation
Message ID /Document/GetLmt/MsgHdr/MsgId/Document/ModifyLmt/MsgHdr/MsgId	NONREF
Bilateral Limit Counterparty Identification /Document/ModifyLmt/LmtDtls/LmtId/Cur/BilLmtCtrPtyId/FinInstnId/BICFI/Othr/Id	COBADEBB120
Account Identification /Document/ModifyLmt/LmtDtls/LmtId/Cur/AcctId/Othr/BIC	RDEEURUBSWCHZHXXXUBSWCHZHXXX

Table 222 - ModifyLimit (camt.011) – usage case Current Limit Modification (Scenario 034)

285331 EUROSISTEM UPDATE [internal review]: page 450 (RTGS UDFS-chapter 12.2.8.3)

Correction of xpaths

Message item	Utilisation
Message ID /Document/GetLmt/MsgHdr/MsgId/Document/ModifyLmt/MsgHdr/MsgId	NONREF

Table xx - ModifyLimit (camt.011) – RTGS camt.011 limit modification completes (Scenario 069)

286332 EUROSISTEM UPDATE [ECB/TSWG review]: page 566 (RTGS UDFS-chapter 12.2.9.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. For business rules applicable to DeleteLimit refer to the chapter Index of validation rules and error codes.

287333 EUROSISTEM UPDATE [ECB/TSWG review]: page 567 (RTGS UDFS-chapter 12.2.9.3)

Harmonisation of utilisation with Usage guideline annotation

Message item	Utilisation
Bilateral Limit Counterparty /Document/DelLmt/LmtDtls/CurLmtId/BilLmtCtr PtyId/FinInstnId/BICFI	Identification of the bilateral limit counterparty <u>Cash Account BIC as Bilateral Limit Account</u> <u>Identification to be used for BILI.</u>
<u>Account identification</u> /Document/DelLmt/LmtDtls/CurLmtId/AcctId/Oth rId	<u>Identification</u> Account number of RTGS cash account.
Account Identification /Document/DelLmt/LmtDtls/AllCurLmts/AcctId/O thrId	Account number of RTGS cash account to which the current bilateral limits were defined. <u>Account number of RTGS cash account.</u>

Table 223 - DeleteLimit (camt.012)

288334 EUROSISTEM UPDATE [internal review]: page 452 (RTGS UDFS-chapter 12.2.9.3)

Correction of xpathes

Message item	Utilisation
Message ID /Document/GetLmt/MsgHdr/MsgId/Document/D elLmt/MsgHdr/MsgId	NONREF
Bilateral Limit Counterparty Identification Document/ModifyLmt/LmtDtls/LmtId/Cur/BilLmt CtrPtyId/FinInstnId/BICFI/Document/DelLmt/Lm tDtls/CurLmtId/BilLmtCtrPtyId/FinInstnId/BICFI	COBADEBB120
Type /Document/ModifyLmt/LmtDtls/LmtId/Cur/Tp/Cd/ Document/DelLmt/LmtDtls/CurLmtId/Tp/Cd	BILI
Account Identification	RDEEURUBSWCHZHXXXUBSWCHZHXXX

/Document/ModifyLmt/LmtDtls/LmtId/Cur/AcctId/Othr/Id/Document/DelLmt/LmtDtls/CurLmtId/AcctId/Othr/Id	
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Table 224 - DeleteLimit (camt.012) – usage case Current Limit Deletion (Scenario 035)

[289335](#) **EUROSYSTEM UPDATE [ECB/TSWG review]: page 571 (RTGS UDFS-chapter 12.2.10.3)**

Correction of BS 55 and 72

[...]

Usage case: Query Request Message – RTGS camt.018 request for event status information (Optional Maintenance [WindowDay](#)) (Scenario 055)

In this example, the business sender is using an empty camt.018 message to indicate that status information for all RTGS events is requested. Although not included in the camt.018, the query time used to generate the camt.019 response was around 20:00 on [Monday](#), 2019-10-07.

[...]

Table ~~225xxx~~ - GetBusinessDayInformation (camt.018) - usage case request for event status information (Optional Maintenance [WindowDay](#)) (Scenario 055)

Usage case: Query Request Message – RTGS camt.018 request for event status information (~~non-optionalMandatory~~ Maintenance [WindowDay](#)) (Scenario 072)

In this example, the business sender is using an empty camt.018 message to indicate that status information for all RTGS events is requested. Although not included in the camt.018, the query time used to generate the camt.019 response was around 20:00 on [Friday](#), 2019-10-07.

[...]

Table ~~226xxx~~ - GetBusinessDayInformation (camt.018) - usage case request for event status information (~~non-optionalMandatory~~ Maintenance [WindowDay](#)) (Scenario 072)

[290336](#) **EUROSYSTEM UPDATE [ECB/TSWG review]: page 570 (RTGS UDFS-chapter 12.2.10.3)**

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. [For business rules applicable to GetBusinessDayInformation refer to the chapter Index of validation rules and error codes.](#)

[294337](#) **EUROSYSTEM UPDATE [ECB/TSWG review]: page 574 (RTGS UDFS-chapter 12.2.11.3)**

Correction annotation table Table 245 - ReturnBusinessDayInformation (camt.019)

Message item	Utilisation
[...]	[...]
<u>Scheduled Time</u> /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	For time-based events the planned or revised event times will be reported. Non time-based events will be reported with date-time 9999-01-01T00:00:00.000+00:009999-99-99T99:99:99.999+00:00
[...]	[...]
Operational Error <u>Description</u> /Document/RtrBizDayInf/RptOrErr/OprlErr/Dsc	For further information refer to chapter Index of validation rules and error codes <u>Specification of the error, in free format.</u>

Table 245 - ReturnBusinessDayInformation (camt.019)

292338 EUROSISTEM UPDATE [ECB/TSWG review]: page 575-582 (RTGS UDFS-chapter 12.2.11.3)

Correction of BS 55, 56 and 72

[...]

Usage case: RTGS camt.018 request for event status information (Optional Maintenance Window Day) (Scenario 055)

In this example, RTGS is responding to the business sender of a valid camt.018 event query. The BAH business id of the camt.018 is included for recognition. For this business scenario, it is assumed that the query was sent and executed at around 20:00 on Monday, 2019-10-07.

The response shows all currency-dependent events (for EUR). On this day no currency specific closing is planned. The scheduled time for each event is given, but for the events, which have already occurred before the query-time, the actual (effective) event time is also provided.

Message item	Utilisation
<u>Message Identification</u> /Document/RtrBizDayInf/MsgHdr/Msgld	NONREF
<u>Message Identification</u> /Document/RtrBizDayInf/MsgHdr/OrqnlBizQry/Msgld	Inc018b055-BAHId
<u>System Identification</u> /Document/RtrBizDayInf/RptOrErr/BizRpt/SysId/MktInfrstrctId/Cd	RTG
<u>System Currency</u> /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/SysCcy	EUR
<u>Event</u> /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	RSOD
<u>Scheduled Time</u> /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T18:45:00.000+00:00

Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-07T18:45:00.010+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RRTI
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T19:30:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-07T19:31:00.010+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RESO
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T19:30:00.0009999-01-01T00:00:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-07T19:3340:00.010+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RSOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T03:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	REOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T05:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RRII
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RSIC
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RSOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T03:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	REOM
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T05:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RCOC

Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T17:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RCII
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RLSO
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01-01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	REOD
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01-01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RCOS
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01-01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RSCC
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/Prtry/Ld	RECC
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T02:30:00.000+00:00

Table 229 - ReturnBusinessDayInformation (camt.019) – camt.018 Request for event status information (Optional Maintenance Window Day) (Scenario 055)

[...]

Usage case: System Notification (Scenario 056)

In this usage example, RTGS has automatically generated a camt.019 to inform the business receiver that the event "RSOD" (RTGS SoD) occurred at 18:00:00.0105 as indicated in the effective timestamp field. This was micro-seconds later than the scheduled time.

Note: Unlike the camt.019 event query response, a system generated camt.019 will only ever provide information for one event.

Message item	Utilisation
[...]	[...]

System Currency /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/SysCcy	XXXEUR
[...]	[...]

Table 230 - ReturnBusinessDayInformation (camt.019) – usage case System Notification (Scenario 056)

[\[...\]](#)**Usage case: RTGS camt.018 request for event status information (non-optionalMandatory Maintenance WindowDay) (Scenario 072)**

In this example, RTGS is responding to the business sender of a valid camt.018 event query. The BAH business id of the camt.018 is included for recognition. For this business scenario, it is assumed that the query was sent and executed at around 20:00 on Friday, 2019-10-04.

The response shows all currency-dependent events (for EUR). On this day no currency specific closing is planned. The scheduled time for each event is given, but for the events, which have already occurred before the query-time, the actual (effective) event time is also provided.

Message item	Utilisation
Message Identification /Document/RtrBizDayInf/MsgHdr/MsgId	NONREF
Message Identification /Document/RtrBizDayInf/MsgHdr/OrqnlBizQry/ MsgId	Inc018b072-BAHId
System Identification /Document/RtrBizDayInf/RptOrErr/BizRpt/SysId/ MktInfrstrctId/Cd	RTG
System Currency /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/SysCcy	EUR
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	RSOD
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-04T18:45:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-04T18:45:00.010+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	RRTI
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-04T19:30:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-04T19:31:00.010+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	RESQ
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T19:30:00.0009999-01- 01T00:00:00.000+00:00
Effective Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/FctvTm	2019-10-04T19:33:40:00.010+00:00

Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	RSMW
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-05T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	REMW
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	RRII
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	RSIC
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T02:30:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	RCOC
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T17:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	RCII
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-07T18:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	RLSO
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01- 01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	REOD
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01- 01T00:00:00.000+00:00
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/Tp/Prtry/Ld	RCOS
Scheduled Time /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDa yOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	2019-10-08T18:00:00.0009999-01- 01T00:00:00.000+00:00

Table 231 - ReturnBusinessDayInformation (camt.019) – camt.018 Request for event status information (non-optionalMandatory Maintenance WindowDay) (Scenario 072)

293339 EUROSISTEM UPDATE [ECB/TSWG review]: page 584 (RTGS UDFS-chapter 12.2.12.3)

Removal redundant entry

Specific message requirements (inbound)

All content must comply with the business rules for the message. For business rules applicable to ReturnGeneralBusinessInformation refer to the chapter Index of validation rules and error codes.

294340 EUROSISTEM UPDATE [internal review]: page 462/463 (RTGS UDFS-chapter 12.2.12.3)

Correction of typo, change of annotation

Message item	Utilisation
General Business Qualifier /Document/RtrGnlBizInf/RptOrErr/BizRpt/GnlBiz OrErr/GnlBiz/qlfr/lsFrmt	Indicates, if one of the codes provided in <Subject> is used. If the business sender is an ancillary system, the element <ls Formatted> is mandatory and value must be "true". true - Value provided in <Subject> is used false - No value provided in <Subject> is used Mandatory when the AS is the business sender. In this case the only possible value is "true". "true" when RTGS is the business sender.

Table xxx - ReturnGeneralBusinessInformation (camt.021)

[...]
In this example, an ancillary system is requesting RTGS to start an Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld.
[...]
In this example, an ancillary system is requesting RTGS to start a settlement cycle within a current Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld.
[...]
Inbound - In this example, an ancillary system is requesting RTGS to close a current settlement cycle in an Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld (Inc021b541-BAHId-3)
[...]
In this example, an ancillary system is requesting RTGS to close a current Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld.
[...]
In this example, an ancillary system is requesting RTGS to start an Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld.
[...]
In this example, an ancillary system is requesting RTGS to start a settlement cycle within a current Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld.
[...]
In this example, an ancillary system is requesting RTGS to start an Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld.
[...]
In this example, an ancillary system is requesting RTGS to start a settlement cycle within a current Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgld.
[...]

Inbound - In this example, an ancillary system is requesting RTGS to close a current settlement cycle in an Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgldr (Inc021b544-BAHId-3).
[...]
In this example, an ancillary system is requesting RTGS to close a current Optional Procedure C. The business reference is a copy of the value in the BAH BizMsgldr.
[...]
In this example, RTGS is informing an AS that Procedure D is open for its use. The business reference is a copy of the value in the BAH BizMsgldr.

295341 EUROSISTEM UPDATE [ECB/TSWG review]: page 595 (RTGS UDFS-chapter 12.2.13.3)

Removal redundant entry

Specific message contents (outbound) and specific message requirements (inbound)

All content must comply with the business rules for the message. For business rules applicable to Receipt refer to the chapter Index of validation rules and error codes.

296342 EUROSISTEM UPDATE [internal review]: page 466 (RTGS UDFS-chapter 12.2.13.3)

Correction of Utilisation

Message item	Utilisation
Original message Identification /Document/Rct/RctDtls/OrgnlMsgld/Msgld	Copy of the BizMsgldr used in the BAH of the inbound message sent to RTGS. <u>Copy of the BizMsgldr used in the BAH of the original underlying ASInitiationStatus message previously sent to AS to advise of a decision regarding the use of ancillary system guarantee fund mechanism.</u>

Table 232 - Receipt (camt.025)

343EUROSISTEM UPDATE [ECB/TSWG review]: page 475 (RTGS UDFS-chapter 12.2.14.2)

Correction of typo

Assignment

This block is mandatory and non-repetitive. It identifies the assignment of an investigation case from an assigner to an assignee. The assigner must be the business sender of this message and the assignee must be the business receiver.

[...]

Business rules applicable to the schema

When used in its outbound form from RTGS, no business rules are applicable to a [ReturnGeneralBusinessInformation-ResolutionOfInvestigation](#) message. When used in its inbound form, for business rules applicable to [ReturnGeneralBusinessInformation-ResolutionOfInvestigation](#) refer to the chapter Index of validation rules and error codes

[297344](#) **EUROSYSTEM UPDATE [ECB/TSWG review]: page 605 (RTGS UDFS-chapter 12.2.14.3)**

Removal redundant entry

Specific message contents (outbound) and specific message requirements (inbound)

All content must comply with the business rules for the message. ~~For business rules applicable to [FIToFIPaymentCancellationRequest](#) refer to the chapter Index of validation rules and error codes.~~

[298345](#) **EUROSYSTEM UPDATE [ECB/TSWG review]: page 621 (RTGS UDFS-chapter 12.2.15.3)**

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. ~~For business rules applicable to [GetReservation](#) refer to the chapter Index of validation rules and error codes.~~

[299346](#) **EUROSYSTEM UPDATE [internal review]: page 621 (RTGS UDFS-chapter 12.2.15.3)**

Correction of Utilisation

Message item	Utilisation
[...]	[...]
Account Owner's BIC /Document/GetRsvatn/RsvatnQryDef/RsvatnCri t/NewCrit/SchCrit/AcctOwnr/FinInstnId/BICFI	If AcctId is used, then AcctOwnr is ignored. Owner of the account which is being queried.

Table 285 - GetReservation (camt.046)

[300347](#) **EUROSYSTEM UPDATE [ECB/TSWG review]: page 630 (RTGS UDFS-chapter 12.2.17.3)**

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. ~~For business rules applicable to refer DeleteReservation to the chapter Index of validation rules and error codes.~~

~~304348~~ **EUROSYSTEM UPDATE [ECB/TSWG review]: page 628 (RTGS UDFS-chapter 12.2.18.3)**

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. ~~For business rules applicable to ModifyReservation refer to the chapter Index of validation rules and error codes.~~

~~302349~~ **EUROSYSTEM UPDATE [ECB/TSWG review]: page 633 (RTGS UDFS-chapter 12.2.19.3)**

Removal redundant entry

Specific message requirements

All content must comply with the business rules for the message. ~~For business rules applicable to LiquidityCreditTransfer refer to the chapter Index of validation rules and error codes.~~

~~303350~~ **EUROSYSTEM UPDATE [internal review]: page 506 (RTGS UDFS-chapter 12.2.20.1)**

Correction to CR63

In case of pagination, admi.007 ReceiptAcknowledgement message is used to inform the business sender of the Account statement query about pagination and the respective switch to store-n-forward network ~~channel~~service. Additionally, the respective response is provided via store-n-forward network ~~channel~~service.

~~304351~~ **EUROSYSTEM UPDATE [internal review]: page 509/510 (RTGS UDFS-chapter 12.2.20.3)**

Correction of Utilisation

Message item	Utilisation
Bank Transaction Code /Document/BkToCstmrStmt/Stmt/Ntry/BkTxCd/ Prtry/Cd	Transaction code, used for pacs.004, pacs.008, pacs.009 and pacs.040: [...]

Debtor Account /Document/BkToCstmrStmnt/Stmt/Ntry/NtryDtls/ TxDtls/RltdPties/DbtrAcct/Id/Othr/Id	[...] For AS transfer: <u>Provided if debtor account number is used in AS transfer.</u> Debtor cash account number of the debited AS settlement bank. <u>Debtor sub-account number in case of AS procedure "C".</u>
[...]	
Creditor Account /Document/BkToCstmrStmnt/Stmt/Ntry/NtryDtls/ TxDtls/RltdPties/CdtrAcct/Id/Othr/Id	[...] For AS transfer: <u>Provided if creditor account number is used in AS transfer.</u> Creditor cash account number of the credited AS settlement bank. <u>Creditor sub-account number in case of AS procedure "C".</u>

Table 263 - BankToCustomerStatement (camt.053)

305352 EUROSISTEM UPDATE [ECB/TSWG review]: page 645 (RTGS UDFS-chapter 12.2.20.3)

Correction of amount usage case Statement Of Account in business scenario 998

Message item	Utilisation
[...]	
Balance amount /Document/BkToCstmrStmnt/Stmt/Bal/Amt/	<u>EUR 123500 203000</u>

Table 263 - BankToCustomerStatement (camt.053)

353 EUROSISTEM UPDATE [ECB/TSWG review]: page 651ff (RTGS UDFS-chapter 12.2.21.3)

Correction of xpath for Business scenarios 41, 67, 70, 501, 503, 504, 521, 541, 544, 561, 581, 582

Message item	Utilisation
Value Date <u>BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/ValDt/DtTm</u>	[...]

This change is applied to following 34 tables (on basis of RTGS UDFS 2.1.1):

284 - BankToCustomerDebitCreditNotification (camt.054)285 - BankToCustomerCreditDebitNotification (camt.054) – usage case Credit Notification (Liquidity Order) (Scenario 041)286 - BankToCustomerCreditDebitNotification (camt.054) – usage case Credit Notification (Standing Order) (Scenario 067)287 - BankToCustomerCreditDebitNotification (camt.054) – usage case Credit Notification (Liquidity Order) (Scenario 070)

[288 - DebitNotification \(camt.054\) – procedure A successful settlement \(Scenario 501\)](#)

[289 - CreditNotification \(camt.054\) – procedure A successful settlement \(Scenario 501\)](#)

[290 - DebitNotification \(camt.054\) – procedure A settlement failure \(Scenario 503\)](#)

[291 - CreditNotification \(camt.054\) – procedure A settlement failure \(Scenario 503\)](#)

[292 - DebitNotification \(camt.054\) – procedure A with guarantee fund mechanism \(Scenario 504\)](#)

[293 - DebitNotification \(camt.054\) – procedure A with guarantee fund mechanism \(Scenario 504\)](#)

[294 - DebitNotification \(camt.054\) – procedure A with guarantee fund mechanism \(Scenario 504\)](#)

[295 - CreditNotification \(camt.054\) – procedure A with guarantee fund mechanism \(Scenario 504\)](#)

[296 - DebitNotification \(camt.054\) – procedure B successful settlement \(Scenario 521\)](#)

[297 - CreditNotification \(camt.054\) – procedure B successful settlement \(Scenario 521\)](#)

[298 - DebitNotification \(camt.054\) – procedure C successful settlement \(Scenario 541\)](#)

[299 - DebitNotification \(camt.054\) – procedure C successful settlement \(Scenario 541\)](#)

[300 - DebitNotification \(camt.054\) – procedure C successful settlement \(Scenario 541\)](#)

[301 - CreditNotification \(camt.054\) – procedure C successful settlement \(Scenario 541\)](#)

[302 - DebitNotification \(camt.054\) – procedure C successful settlement \(Scenario 541\)](#)

[303 - CreditNotification \(camt.054\) – procedure C successful settlement \(Scenario 541\)](#)

[304 - CreditNotification \(camt.054\) – procedure C successful settlement \(Scenario 541\)](#)

[305 - DebitNotification \(camt.054\) – procedure C partial settlement \(Scenario 544\)](#)

[306 - DebitNotification \(camt.054\) – procedure C partial settlement \(Scenario 544\)](#)

[307 - DebitNotification \(camt.054\) – procedure C partial settlement \(Scenario 544\)](#)

[308 - CreditNotification \(camt.054\) – procedure C partial settlement \(Scenario 544\)](#)

[309 - CreditNotification \(camt.054\) – procedure C partial settlement \(Scenario 544\)](#)

[310 - CreditNotification \(camt.054\) – procedure C partial settlement \(Scenario 544\)](#)

[311 - CreditNotification \(camt.054\) – procedure C partial settlement \(Scenario 544\)](#)

[312 - DebitNotification \(camt.054\) – procedure D successful settlement with liquidity adjustment \(Scenario 561\)](#)

[313 - CreditNotification \(camt.054\) – procedure D successful settlement with liquidity adjustment \(Scenario 561\)](#)

[314 - DebitNotification \(camt.054\) – procedure E successful settlement \(Scenario 581\)](#)

[315 - CreditNotification \(camt.054\) – procedure E successful settlement \(Scenario 581\)](#)

[316 - CreditNotification \(camt.054\) – procedure E successful settlement \(Scenario 582\)](#)

[317 - DebitNotification \(camt.054\) – procedure E successful settlement \(Scenario 582\)](#)

[306354](#) EUROSISTEM UPDATE [internal review]: page 519 (RTGS UDFS-chapter 12.2.21.3)

Correction of Utilisation

Message item	Utilisation
Debtor Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtls/TxDtls/RltdPties/CdtrAcct/Id/Othr/Id	[...] For AS transfer: Provided if debtor account number is used in AS transfer. Debtor cash account number of the debited AS settlement bank. Debtor sub-account number in case of AS procedure "C".
[...]	
Creditor Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtls/TxDtls/RltdPties/CdtrAcct/Id/Othr/Id	[...] For AS transfer: Provided if creditor account number is used in AS transfer. Creditor cash account number of the credited AS settlement bank. Creditor sub-account number in case of AS procedure "C".

Table 265 - BankToCustomerDebitCreditNotification (camt.054)

[307355](#) EUROSISTEM UPDATE [internal review]: page 523 (RTGS UDFS-chapter 12.2.21.3)

Additional details to business scenario 067

Usage case: Credit Notification (Standing Order) (Scenario 067)

In this usage example, RTGS is advising the owner of an RTGS Account (with ID "RTGSDCPBBBDEFFXXEUR0A01") of a credit of EUR 750,000 which has been made to that account, resulting from the settlement of a standing order.:

The instructing standing order can be identified using the business sender's references of Instruction Id and EndToEnd-Id which are also supplied on the camt.054.

[308356](#) EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 501-1D

Message item	Utilisation
<u>Instructing Agent BIC</u>	<u>COBADEFFXXX</u>

/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	
Instructed Agent BIC	MARKDEFFCLC
/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	

Table xxx - DebitNotification (camt.054) – procedure A successful settlement (Scenario 501)

Usage case example: camt.054_AS-A_DebitNotification_bs501-1D.xml

Corrections to business scenario 501-2C

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	SOLADEST600

Table xxx - CreditNotification (camt.054) – procedure A successful settlement (Scenario 501)

Usage case example: camt.054_AS-A_CreditNotification_bs501-2C.xml

309357 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 503-1D

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	UBSWCHZHXXX
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC

Table xxx - DebitNotification (camt.054) – procedure A settlement failure (Scenario 503)

Usage case example: camt.054_AS-A_DebitNotification_bs503-1D.xml

Corrections to business scenario 503-1D

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC

Instructed Agent BIC	UBSWCHZHXXX
/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	

Table xxx - CreditNotification (camt.054) – procedure A settlement failure (Scenario 503)

Usage case example: camt.054_AS-A_CreditNotification_bs503-1D.xml

340358 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 504-1D

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	SOLADEST600
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC

Table xxx - DebitNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054_AS-A_DebitNotification_bs504-1D.xml

Corrections to business scenario 504-GF

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	COBADEBB120

Table xxx - DebitNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054_AS-A_DebitNotification_bs504-GF.xml

Corrections to business scenario 504-3D

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	SOGEFRPPHCM

Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC
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Table xxx - DebitNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054_AS-A_DebitNotification_bs504-3D.xml

Corrections to business scenario 504-4C

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	SOLADEST861

Table xxx - CreditNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054_AS-A_CreditNotification_bs504-4C.xml

[344359](#) EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 521-1D

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	COBADEFFXXX
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC

Table xxx - DebitNotification (camt.054) – procedure B successful settlement (Scenario 521)

Usage case example: camt.054_AS-B_DebitNotification_bs521-1D.xml

Corrections to business scenario 521-2C

Message item	Utilisation
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI	MARKDEFFCLC
Instructed Agent BIC	UBSWCHZHXXX

/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAqts/InstdAgt/FinInstnId/BICFI	
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Table xxx - CreditNotification (camt.054) – procedure B successful settlement (Scenario 521)

Usage case example: camt.054_AS-B_CreditNotification_bs521-2C.xml

342360 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 541-1D

Message item	Utilisation
Related Parties Debtor Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id	RDEEURCOBADEFFXXXCOBADEFFXXX
<u>Related Parties Creditor Account</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id	UDEEURCOBADEFFXXX16COBADEFFXXX0001

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_DebitNotification_bs541-1D.xml

Corrections to business scenario 541-2D

Message item	Utilisation
Related Parties Debtor Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id	RDEEURSOLADESTXXXSOLADEST600
<u>Related Parties Creditor Account</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id	UDEEURSOLADESTXXX16SOLADEST6000001

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_DebitNotification_bs541-2D.xml

Corrections to business scenario 541-6D

Message item	Utilisation
<u>Instructing Agent BIC</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAqts/InstgAgt/FinInstnId/BICFI	SOLADEST600

<u>Instructed Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstdAgt/FinInstnId/BICFI</u>	<u>SOLADEST600</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id</u> <u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	UDEEURSOLADESTXXX16SOLADEST6000001

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_DebitNotification_bs541-6D.xml

Corrections to business scenario 541-4D

Message item	Utilisation
<u>Instructing Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI</u>	<u>SOLADEST600</u>
<u>Instructed Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstdAgt/FinInstnId/BICFI</u>	<u>MARKDEFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_DebitNotification_bs541-4D.xml

Corrections to business scenario 541-5C

Message item	Utilisation
<u>Instructing Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Instructed Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstdAgt/FinInstnId/BICFI</u>	<u>COBADEFFXXX</u>

Table xxx - CreditNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_CreditNotification_bs541-5C.xml

Corrections to business scenario 541-7C

Message item	Utilisation
End To End ID /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId	Inc021b541EOP-BAHId Inc021b541-BAHId-4
Related Parties Creditor Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/CdtrAcct/Id/Othr/Id	UDEEURCOBADEFFXXX16COBADEFFXXX0001 RDEEURCOBADEFFXXXCOBADEFFXXX
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgt/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_CreditNotification_bs541-7C.xml

Corrections to business scenario 541-9C

Message item	Utilisation
End To End ID /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId	Inc021b541EOP-BAHId Inc021b541-BAHId-4
Related Parties Creditor Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/CdtrAcct/Id/Othr/Id	UDEEURSOLADESTXXX16SOLADEST6000001 RDEEURSOLADESTXXXSOLADEST600
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgt/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_CreditNotification_bs541-9C.xml

343361 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 544-1D

Message item	Utilisation
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
Related Parties Debtor Account <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u> <u>RDEEURCOBADEFFXXXCOBADEFFXXX</u>

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 544)

Usage case example: camt.054_AS-C_DebitNotification_bs544-1D.xml

Corrections to business scenario 544-2D

Message item	Utilisation
Account Identification <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RTGSDBCPBGGDEFFAC1EUR0A01RDEEURS</u> <u>OLADESTXXXSOLADEST600</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
Related Parties Debtor Account <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPtIs/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u> <u>RDEEURSOLADESTXXXSOLADEST600</u>

Table xxx - DebitNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054_AS-C_DebitNotification_bs544-2D.xml

343362 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 544-7D

Message item	Utilisation
Account Identification <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>ASCCDEFFPBAADEFFXXXASA000001UDEE</u> <u>URCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Instructing Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnId/BICFI</u>	<u>COBADEFFXXX</u>
<u>Instructed Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstdAg/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054_AS-C_DebitNotification_bs544-7D.xml

345363 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 544-8C

In this example, RTGS is informing the payment bank owning a subaccount (id: [ASCCDEFFPBBBDEFFXXXASA000001UDEEURUBSWCHZHXXX16UBSWCHZH80A0001](#)
[UDEEURCOBADEFFXXX16COBADEBB1200001](#)) of an amount of EUR79500 which was credited to the subaccount at 14:22:01. The credit was instructed in an ASTI message from an ancillary system in relation to the references shown.

Message item	Utilisation
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	ASCCDEFFPBBBDEFFXXXASA000001UDEEURUBSWCHZHXXX16UBSWCHZH80A0001 UDEEURCOBADEFFXXX16COBADEBB1200001
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnId/BIC FI	MARKDEFFCLC
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnId/BIC FI	COBADEBB120

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054_AS-C_CreditNotification_bs544-8C.xml

346364 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 544-9C

Message item	Utilisation
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	RTGSDCPBAABDEFFAC1EUR0A01RDEEUR COBADEFFXXXCOBADEFFXXX
End To End ID /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/Refs/EndToEndId	Inc021b544EOP-BAHId Inc021b544-BAHId-4

<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0</u> <u>001</u>
Related Parties Creditor Account <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0</u> <u>001</u> <u>RDEEURCOBADEFFXXXCOBADEFFXXX</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdAgts/DbtrAgst/FinInstnId/BI</u> <u>CFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054_AS-C_CreditNotification_bs544-9C.xml

347365 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 544-10C

In this example, RTGS is informing the payment bank owning a DCA (id: RTGSDCPBBBDEFFAC1EUR0A01RDEEURUBSWCHZHXXXUBSWCHZH80A
RDEEURCOBADEFFXXXCOBADEBB120) of an amount of EUR79500 which was credited to the DCA from a linked subaccount at 15:00:01. The credit was instructed during the processing of an End Of Procedure C.

Corrections to business scenario 544-9C

Message item	Utilisation
End To End ID <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inc021b544EOP-BAHId Inc021b544-BAHId-4</u>

<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEBB1200001</u>
Related Parties Creditor Account <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEBB1200001</u> <u>RDEEURCOBADEFFXXXCOBADEBB120</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdAgts/DbtrAgts/FinInstnId/BIC</u> <u>FI</u>	<u>MARKDEFFCLG</u>

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054_AS-C_CreditNotification_bs544-10C.xml

348366 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 544-11C

Message item	Utilisation
Account Identification <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/</u> <u>Id/Othr/Id</u>	<u>RTGSDBCPBCCDEFFAC1EUR0A01RDEEURS</u> <u>OLADESTXXXSOLADEST600</u>
End To End ID <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inc021b544EOP-BAHId Inc021b544-BAHId-4</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
Related Parties Creditor Account <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry</u> <u>/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u> <u>RDEEURSOLADESTXXXSOLADEST600</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/</u> <u>NtryDtIs/TxDtIs/RltdAgts/DbtrAgts/FinInstnId/BIC</u> <u>FI</u>	<u>MARKDEFFCLG</u>

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054_AS-C_CreditNotification_bs544-11C.xml

349367 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 561-1D

Message item	Utilisation
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	RTGS DCPBAABDEFFAC1EUR0A01RDEEUR COBADEFFXXXCOBADEFFXXX

Table xxx - DebitNotification (camt.054) – procedure D successful settlement with liquidity adjustment (Scenario 561)

Usage case example: camt.054_AS-D_DebitNotification_bs561-1D.xml

320368 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 561-3C

Message item	Utilisation
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	RTGS DCPBCCBDEFFAC1EUR0A01RDEEUR SOLADESTXXXSOLADEST600
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnlId/BIC FI	MARKDEFFCLC
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnlId/BIC FI	SOLADEST600

Table xxx - CreditNotification (camt.054) – procedure D successful settlement with liquidity adjustment (Scenario 561)

Usage case example: camt.054_AS-D_CreditNotification_bs561-3C.xml

324369 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 581-1D

Message item	Utilisation
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	RTGS DCPBBBDEFFXXXEUR0A01RDEEURU BSWCHZHXXXUBSWCHZHXXX
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnlId/BIC FI	UBSWCHZHXXX
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnlId/BIC FI	COBADEBB120

Table xxx - DebitNotification (camt.054) – procedure E successful settlement (Scenario 581)

Usage case example: camt.054_AS-E_DebitNotification_bs581-1D.xml

322370 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 581-2C

Message item	Utilisation
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	RTGSDCPBCCDEFFAC1EUR0A04RDEEURS OLADESTXXXSOLADEST600
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnId/BIC FI	COBADEBB120
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnId/BIC FI	SOLADEST600

Table xxx - CreditNotification (camt.054) – procedure E successful settlement (Scenario 581)

Usage case example: camt.054_AS-E_CreditNotification_bs581-2C.xml

323371 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 582-1C

Message item	Utilisation
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	RTGSDCPBCCDEFFAC1EUR0A04RDEEURS OLADESTXXXSOLADEST600
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnId/BIC FI	COBADEBB120
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnId/BIC FI	SOLADEST600

Table xxx - CreditNotification (camt.054) – procedure E successful settlement (Scenario 582)

Usage case example: camt.054_AS-E_CreditNotification_bs582-1C.xml

324372 EUROSISTEM UPDATE [internal review]: page 525 (RTGS UDFS-chapter 12.2.21.3)

Corrections to business scenario 582-4D

Message item	Utilisation
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Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/ Id/Othr/Id	RTGSDCPBCCDEFFAC2EUR0A04RDEEURS OLADESTXXXSOLADEST861
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnlId/BIC FI	SOLADEST861
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ NtryDtIs/TxDtIs/RltdAgts/InstgAg/FinInstnlId/BIC FI	COBADEBB120

Table xxx - DebitNotification (camt.054) – procedure E successful settlement (Scenario 582)

Usage case example: camt.054_AS-E_DebitNotification_bs582-4D.xml

325373 EUROSISTEM UPDATE [ECB/TSWG review]: page 710 (RTGS UDFS-chapter 12.2.22.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. [For business rules applicable to FIToFIPaymentCancellationRequest refer to the chapter Index of validation rules and error codes.](#)

326374 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 530-538 (RTGS UDFS-chapter 12.2.22.3)

Correction of typo

[...]Scenario 022

To ensure the correct payment is identified, the cancellation includes several data from the original pacs.008 message: the BAH-BizMsgId, the end-to-end identification, the payment amount (EUR 17,750) and the settlement date (2019-10-07).

[...]Scenario 023

To ensure the correct payment is identified, the cancellation includes several data from the original pacs.008 message: the BAH-BizMsgId, the End-to-End-Id, the payment amount (EUR74000) and the settlement date (2019-10-06).

[...]Scenario 026

To ensure the correct payment is identified, the cancellation includes several data from the original pacs.009 message: the BAH-BizMsgId, the end-to-end identification, the payment amount (EUR 147,000) and the settlement date (8 October 2019).

[...]Scenario 027

To ensure the correct payment is identified, the cancellation includes several data from the original pacs.009 message: the BAH-BizMsgId, the end-to-end identification, the payment amount (EUR 77,000) and the settlement date (7 October 2019).

[...]Scenario 030

To ensure the correct direct debit movement is identified, the cancellation includes several data from the original pacs.010 message: the BAH-BizMsgId, the end-to-end identification, the payment amount (EUR 89,000) and the settlement date (8 October 2019).

[...]Scenario 031

To ensure the correct direct debit movement is identified, the cancellation includes several data from the original pacs.010 message: the BAH-BizMsgId, the end-to-end identification, the payment amount (EUR 53,500) and the settlement date (7 October 2019).

Correction of Assigner Agent BIC Business Scenario 23 [ECB/TSWG review]

Message item	Utilisation
[...]	[...]
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnt/Assgnt/ Agt/FinInstId/BICFI	SOLADEST:XXX600
[...]	

Table 321 - FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request – Successful return – Inbound (Scenario 023)

Message item	Utilisation
[...]	[...]
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnt/Assgnt/ Agt/FinInstId/BICFI	SOLADEST:XXX600
[...]	

Table 322 - FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request – Successful return – Outbound (Scenario 023)

327375 EUROSISTEM UPDATE [internal review]: page 540 (RTGS UDFS-chapter 12.3.1.2)

Correction

The RTGS-specific schema and documentation in XSD/Excel/PDF format as well as the message examples are provided outside of this document under the following link:

328376 EUROSISTEM UPDATE [ECB/TSWG review]: page 726 (RTGS UDFS-chapter 12.3.1.3)

Removal redundant entry

Specific message requirements (inbound) and specific message contents (outbound)

All content (inbound) must comply with the business rules for the message. For business rules applicable to BAH refer to the chapter Index of validation rules and error codes.

377EUROSYSTEM UPDATE [ECB/TSWG review]: page 732 (RTGS UDFS-chapter 12.3.1.3)

Deletion description of bs069 entry from business scenario description bs016 below Table 332

~~In this example, the RTGS is using this header for an outbound camt.025 message being sent to the business sender of a previously sent message. The Business Message Identifier (Ouc011b069-BAHId) is unique for the message and bears no relation to the inbound BAH message identifier.~~

329378EUROSYSTEM UPDATE [internal review]: page 448 (RTGS UDFS-chapter 12.3.2.2)

Correction

The RTGS-specific schema and documentation in XSD/Excel/PDF format as well as the message examples are provided outside of this document under the following link:

330379EUROSYSTEM UPDATE [ECB/TSWG review]: page 736 (RTGS UDFS-chapter 12.3.2.3)

Removal redundant entry

Specific message contents

All content must comply with the business rules for the message. ~~For business rules applicable to BFH refer to the chapter Index of validation rules and error codes.~~

334380EUROSYSTEM UPDATE [internal review]: page 554-561 (RTGS UDFS-chapter 12.4.1.3)

Correction of typo

[...]Scenario 020
The previous pacs.008 can be identified using the pacs.008 BAH BizMsgId and the business sender's references of instruction ID and UETR, which are also supplied on the pacs.002.

[...]Scenario 023
The previous pacs.008 can be identified using the pacs.008 BAH BizMsgId and the business sender's references of Instruction Id and UETR, which are also supplied on the pacs.002.

[...]
The previous pacs.004 can be identified using the pacs.004 BAH BizMsgId and the business sender's references of Instruction Id and UETR, which are also supplied on the pacs.002.

[...]Scenario 024
The previous pacs.009 can be identified using the pacs.009 BAH BizMsgId and the business sender's references of instruction ID and UETR, which are also supplied on the pacs.002.

[...]Scenario 026
The previous pacs.009 can be identified using the pacs.009 BAH BizMsgld and the business sender's references of instruction ID and UETR, which are also supplied on the pacs.002.

[...]Scenario 028
In this example, RTGS is advising the business sender of a previous pacs.009 message, subscribed for payment order settlement notification (pacs.002), thatwhich has been settled by RTGS. The RTGS system reference and settlement time are also given.
The previous pacs.009 can be identified using the pacs.009 BAH BizMsgld and the business sender's references of Instruction Id and UETR which are also supplied on the pacs.002.

[...]Scenario 029
The previous pacs.010 can be identified using the pacs.010 BAH BizMsgld and the business sender's references of instruction ID and UETR, which are also supplied on the pacs.002.

[...]Scenario 030
The previous pacs.010 is identified using the pacs.010 BAH BizMsgld and the business sender's references of instruction ID and UETR, which are also supplied on the pacs.002.

[...]Scenario 561
Usage case: procedure D successful settlement with liquidity adjustment (Scenario 561) – SBTI transfer order settlement notification.
[...]
The previous pacs.009 can be identified using the pacs.009 BAH BizMsgld and the business sender's Instruction Id which is also supplied on the pacs.002.

332381 EUROSISTEM UPDATE [ECB/TSWG review]: page 754 (RTGS UDFS-chapter 12.4.2.3)

Removal redundant entry

Specific message requirements (inbound) and specific message contents (outbound)

All content must comply with the business rules for the message. For business rules applicable to PaymentReturn refer to the chapter Index of validation rules and error codes.

333382 EUROSISTEM UPDATE [internal review]: page 564 (RTGS UDFS-chapter 12.4.2.3)

Correction of code utilisation, harmonisation with PART I

Message item	Utilisation
Interbank Settlement Date /Document/PmtRtr/TxInf/IntrBkSttlmDt	[...] RTGS only accepts the current business date, or a future business date as allowed by the RTGS future-datewarehoused payment period parameter. [...]

Table 292 - PaymentReturn (pacs.004)

334383 EUROSISTEM UPDATE [ECB/TSWG review]: page 764 (RTGS UDFS-chapter 12.4.3.3)

Removal redundant entry

Specific message requirements (inbound) and specific message contents (outbound)

All content must comply with the business rules for the message. ~~For business rules applicable to CustomerCreditTransfer refer to the chapter Index of validation rules and error codes.~~

335384 EUROSISTEM UPDATE [internal review]: page 575 (RTGS UDFS-chapter 12.4.3.3)

Correction of code utilisation, harmonisation with PART I

Message item	Utilisation
Interbank Settlement Date /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmDt	[...] RTGS only accepts the current business date, or a future business date as allowed by the RTGS future-date warehoused payment period parameter. [...]

Table 295 - CustomerCreditTransfer (pacs.008)

[...]

Usage case: Customer Credit Transfer settlement including indirect participants (Scenario 075)

In this example, the business sender has requested the payment of EUR47250 from an RTGS account (with BIC "COBADEFFXXX") to an RTGS account (with BIC "SYBKDE22HAM") to be settled the following day 10th October, 2019. Indirect participant on the debtor side is "COBADEFF075", and on the creditor side "SYBKDEK22CPHHP".

The expectation is that this payment will be settled, with the subsequent forwarding of the pacs.008 to the next business receiver in the payment chain.

[...]

336385 EUROSISTEM UPDATE [ECB/TSWG review]: page 790 (RTGS UDFS-chapter 12.4.4.3)

Removal redundant entry

Specific message requirements (inbound) and specific message contents (outbound)

All content must comply with the business rules for the message ~~For business rules applicable to FinancialInstitutionCreditTransfer refer to the chapter Index of validation rules and error codes.~~

337386 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 592, 608
(RTGS UDFS-chapter 12.4.4.3)

Correction, Correction of code utilisation, harmonisation with PART I, Correction in BS 75 and 76 to CR62 due to CSLD JIRA 942

Message item	Utilisation
Interbank Settlement Date /Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmDt	[...] RTGS only accepts the current business date, or a future business date as allowed by the RTGS <u>future-datewarehoused payment period</u> parameter. [...]
Creditor Account (Block) /Document/FICdtTrf/CdtTrfTxInf/CdtrAcct	If provided it is ignored by RTGS for inbound payment order and forwarded within the outbound message <u>If account ID is provided, it If used in SBTI pacs.009 the Account number</u> will be copied to ASTransferNotice (pain.998) message.

Table 301 - FinancialInstitutionCreditTransfer (pacs.009)

[...]

The Debtor fields represent the AS settlementpayment bank, the Creditor fields represent the settlement bank at the AS.

[...]

Usage case: Financial Institution Credit Transfer Order settlement including indirect participants (Scenario 076)

In this example, the business sender has requested a payment of EUR63800 from an RTGS account (with BIC "COBADEFFXXX") to an RTGS account (with BIC "SYBKDE22HAM") for same day settlement. This is to take place on the same day as the message was created and sent on 10th October, 2019. Indirect participant on the debtor side is "COBADEFF075", and on the creditor side "SYBKDEK22CPHHP".

The expectation is that this payment will be settled, with the subsequent forwarding of the pacs.009 to the next business receiver in the payment chain.

[...]

338387 EUROSISTEM UPDATE [ECB/TSWG review]: page 811 (RTGS UDFS-chapter 12.4.5.3)

Removal redundant entry

Specific message requirements (inbound) and specific message contents (outbound)

All content must comply with the business rules for the message ~~For business rules applicable to FinancialInstitutionDirectDebit refer to the chapter Index of validation rules and error codes.~~

339388 EUROSISTEM UPDATE [internal review]: page 611 (RTGS UDFS-chapter 12.4.5.3)

Correction of code utilisation, harmonisation with PART I

Message item	Utilisation
Interbank Settlement Date /Document/FIDrctDbt/CdtInstr/DrctDbtTxIntr/Intr BkSttlmDt	[...] RTGS only accepts the current business date, or a future business date as allowed by the RTGS future date warehoused payment period parameter. [...]

Table 309 - FinancialInstitutionDirectDebit (pacs.010)

340389 EUROSISTEM UPDATE [internal review]: page 618 (RTGS UDFS-chapter 12.5.1.1)

Correction of Message Scope

This chapter illustrates the ASTransferNotice message.

The ASTransferNotice message is sent by RTGS to an ancillary system. In procedure D it is used to notify the ancillary system ~~on about~~ the settlement of a credited amount on ~~the pertaining~~an AS technical account owned. ~~Additionally, in the context of cross-ancillary system settlement, the ASTransferNotice message is al-ways sent to the receiving ancillary system by the ancillary system or the CB.~~

The ASTransferNotice message is used to ~~indicate a successfully settled amount. Furthermore, this message is only used to~~indicate the arrival of a credit amount ~~on to~~

~~I~~ the sub-account in case of AS procedure C (only for cross-ancillary system settlement);

~~I~~ the technical account ~~in case of AS procedure C.~~

~~The ASTransferNotice message is not used to notify it will not give notification~~ of a debit movement.

Usage:

~~This message is used in AS procedures C and D. It will only indicate a successfully settled amount and does not make any reference to failed or rejected orders, or to the unsettled portion of a partially settled order.~~

~~The ASTransferNotice message is used to notify credit entries in AS procedure D on the execution of~~

I a predefined standing order liquidity transfer order;

I an immediate liquidity transfer order (received from a settlement bank);

I a cross-ancillary system settlement.

The ASTransferNotice message is used to notify credit entries in case of AS procedure C on the execution of a cross-ancillary system settlement.

The usage of this message can be found in chapter Usage of Messages.

341390 EUROSISTEM UPDATE [internal review]: page 619 (RTGS UDFS-chapter 12.5.1.2)

Correction

ResultingBalance

This building block is mandatoryoptional and non-repetitive.

342391 EUROSISTEM UPDATE [ECB/TSWG review]: page 822 (RTGS UDFS-chapter 12.5.1.3)

Removal false paragraph.

Specific message contents

All content must comply with the business rules for the message. For business rules applicable to ASTransferNotice refer to the chapter Index of validation rules and error codes.

For ASTransferNotice generated from a standing order, the payment scheme code is always "SOR" and this detail can be found in the usage case below: Standing Order Settlement Notification.

343392 EUROSISTEM UPDATE [internal review]: page 620 (RTGS UDFS-chapter 12.5.1.3)

Correction of utilisation

Message item	Utilisation
Group Identification /Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/GrpId	<u>RTGS business case identifier</u> <u>ID for the AS transfer assigned by RTGS.</u> <u>Referencee assigned by business sender to identify group of single transfer order sent within an AS transfer order</u>
Settlement Model Type /Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/StlmMdlTp	<u>WhenIf</u> <u><PmtSchme/Cd> contains "CDS", this field will contain "C" or "D" depending upon the settlement procedure used by the ancillary system which receiv</u> <u>inged the credit</u> <u>transferred liquidity amount.</u> In all other cases, this field contains "D".
Counter Part As BIC /Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/CtpAS	This block is only used for cross-AS credits (i.e. in case payment scheme code "CDS" is used).

	This element identifies the counterpart of the cross-AS instruction. BIC which identifies the ancillary system which is counterparty to this credit (i.e., the ancillary system of the debit side).
First agent account Id /Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/PrstAgtAcct/DmstAcct/Id	Element used if payment scheme code is "CDS". Identifies the debit-side account via the associated BIC. If payment scheme code is "CDS", this field is populated from the First Agent Account field of the order (if present on the order). If payment scheme codes is "SOR" or "CUO", this field is not used.
Final agent account Id /Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/PmtTx/FnlAgtAcct/DmstAcct/Id	If payment scheme code is "SOR" or "CUO", this field is not used. If payment scheme code is "CDS", this field is populated from the Final Agent Account field of the order (if present on the order). Element used if payment scheme code is "CDS". Identifies the credit side account via the associated BIC
Resulting Balance This element is populated for settlement procedures "C" and "D".	

Table xxx - ASTransferNotice (pain.998 ASTN)

344393 EUROSISTEM UPDATE [ECB/TSWG review]: page 831 (RTGS UDFS-chapter 12.5.2.3)

Removal redundant entry

Specific message contents

~~All content must comply with the business rules for the message.~~

345394 EUROSISTEM UPDATE [ECB/TSWG review]: page 856 (RTGS UDFS-chapter 12.5.3.3)

Removal redundant entry

~~ts~~Specific message requirements

All content must comply with the business rules for the message. ~~For business rules applicable to ASTransferInitiation refer to the chapter Index of validation rules and error codes.~~

346395 EUROSISTEM UPDATE [internal review]: page 625 (RTGS UDFS-chapter 12.5.3.3)

Correction of utilisation in ASTI BS 522

Usage case: Procedure B settlement failure (Scenario 522)

In this example, an ancillary system (with a party BIC: ASBBDEFFXXXMARKDEFFCLC) is requesting immediate settlement for one pair of AS transfer orders using AS Procedure B. The message was created / sent at 11:10am and requires immediate settlement within 5 minutes.

The first AS transfer order debits EUR58250 from a payment bank's DCA (account-BIC: PBBBDEFFXXXCOBADEFFXXX) and credits the AS technical account (account-BIC: ASBBDEFFXXXMARKDEFFCLC); the second AS transfer order takes the EUR58250 from the AS technical account and credits a different payment bank's DCA (account-BIC: PBAADEFFAC1SOGEFRPPHCM).

347396 EUROSISTEM UPDATE [internal review]: page 625 (RTGS UDFS-chapter 12.5.3.3)

Correction of utilisation in ASTI BS 541

Usage case: Procedure C successful settlement (Scenario 541)

In this example, an ancillary system (with a party BIC: ASCCDEFFXXXMARKDEFFCLC) is requesting same-day settlement of a pair of AS transfer orders using AS Procedure C. The message was created/sent at 14:22 for immediate settlement.

The first AS transfer order debits EUR113000 from a payment bank's subaccount (id: ASCCDEFFPBCGDEFFXXXASA000001UDEEURSOLADESTXXX16SOLADEST6000001) and credits the AS technical account (account-BIC: ASCCDEFFXXXMARKDEFFCLC) the second AS transfer order takes the EUR113000 from the AS technical account and credits a different payment bank's sub-account (id: ASCCDEFFPBAADEFFXXXASA000001UDEEURCOBADEFFXXX16COBADEFFXXX0001).

348397 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 857 625 (RTGS UDFS-chapter 12.5.3.3)

Correction of utilisation in ASTI BS 561

Message item	Utilisation
[...]	[...]
Scheduled Time Information Period Type /Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/SchldIdTm/InfPrdTp	The Information Period is only applicable to Settlement Model Type/Procedure A, B and E. When If Settlement Model Type is "A", or "B" or "E" the Information Period Type may only contain "AGRE". In this case the Settlement Bank is informed of the Scheduled Time and has the possibility to disagree. When Settlement Model Type contains "E" the

	Information-Period-Type only contain "INFO" For all other values of Settlement-Model-Type, the Scheduled-Time block should not be used. In this case the Settlement Bank is informed about the Scheduled-Time but does not have the possibility to disagree.
[...]	[...]
Credit Transfer Type Identification /Document/pain.998.001.01/PrtryData/T2PrtryD ata/PmtInf/CdtTrfTpId/SttlmPrty/PmtSchme/Cd	<u>SETCUO</u>
[...]	[...]

Table 394xxx - ASTransferInitiation (pain.998 ASTI) - procedure D successful settlement with liquidity adjustment (bs561)

349398 EUROSISTEM UPDATE [internal review] and [ECB/TSWG review]: page 627/628898f.
(RTGS UDFS-chapter 13.1 Index of validation rules and error codes)

Review of validation rules due to testing [...]

For updates of validation rule table please refer to attached excel file on validation rules.

add a short preamble to introduce table in chapter "13.1 Index of validation rules and error codes [...]"

Following a detailed list of error messages and their descriptions are provided. For further details on the GUI refer to the UHB.

The set of business validation rules partially encompasses validations which are not applicable to a certain xpath, e. g. for generic rules for multiple messages or generic rule for certain messages type. For those cases the "xpath of inbound message for validation" does not provide an information and is therefore left empty.

Note: For the validation categories HVPS+ rules and ISO 20022 message validations the rule-IDs and error codes correspond to those rule-IDs and error codes used in HVPS+ and ISO 20022.

399EUROSYSTEM UPDATE [due to testing]: page 899 (RTGS UDFS-chapter 13.1 Index of validation rules and error codes)

Update of validation rule categories due to restructuring of validation rules.

Source	Rule-ID	Error code	Validation category
	<u>HV0</u> <u>000</u> <u>0</u>	<u>Y000</u>	<u>HVPS+ rules</u>
	<u>IV0</u> <u>000</u> <u>0</u>	<u>X000</u> <u>D000</u> <u>H000</u>	<u>ISO 20022 message</u> <u>validations</u>
	<u>VR0</u> <u>000</u> <u>0</u> <u>AST</u> <u>A00</u> <u>0</u> <u>C25</u> <u>T00</u> <u>0</u> <u>CMX</u> <u>X00</u> <u>0</u> <u>C18</u> <u>T00</u> <u>0</u> <u>A05</u> <u>T00</u> <u>0</u> <u>AXX</u> <u>X00</u> <u>0</u> <u>CCX</u> <u>T00</u> <u>0</u>	<u>E000</u> <u>A000</u> <u>T000</u>	<u>T2 specific validation</u> <u>rules</u>

Source	Rule-ID	Error code	Validation category
	AS0 000 0	A000	

Table – validation rule categories

CRDM UDFS

350400 EUROSISTEM UPDATE [JIRA [CSLDME-577](#)CSLD-749]: page 18 (CRDM UDFS - chapter 1.2.1 Connectivity)

Add the following subsection detailing routing configurations.

Setup of routing configurations

The setup of routing configurations includes the configuration of the following reference data objects in CRDM: network services, party technical addresses, links between network services and party technical addresses, and default and conditional routings.

The CRDM Operator is responsible for setting up and maintaining network service static data related to services of all the [connectivity-network](#) services providers offering technical connectivity between users and the relevant Services and components.

Being included in the party static data, party technical addresses are setup and maintained, for each CRDM Actor connected directly, by the party responsible for defining party reference data for this CRDM Actor. After having input the party data (party technical addresses) for the directly connected CRDM Actor, the responsible party has to link each of the party technical addresses to the relevant network service(s). This step allows using one party technical address for several network services.

Each CRDM Actor connected directly is responsible for setting up and maintaining default and conditional routing static data related to its outbound communication.

Network service

CRDM stores a catalogue of all the network services allowing technical connectivity between Actors and Services/components for the exchange of business data. Each network service defined in CRDM corresponds to one messaging service of one of the accredited connectivity services providers.

When defining a new network service, the CRDM Operator has to provide the following pieces of information:

- I The name of the network service;
- I The service or component for which it is used;
- I A textual description for the network service;

I The type of technical address for the network service.

EXAMPLE 152 - NETWORK SERVICE DEFINITION

Network Service

Service Name: NSP_X – Service ABC
Service Description: Message-based, store-n-forward network service provided by X.
Technical Address Type: Distinguished Name

In addition, the CRDM Operator has to provide all the necessary data for the T2S application to identify and to use the underlying messaging service.

Party Technical Address

Each party that is directly connected to a Service or component has one or many technical addresses that the Service or component uses to send outgoing messages to this party.

Links between Network Services and Party Technical Addresses

Each Network Service uses a specific type of technical address to identify the sender and the receiver for each exchange of data. Different network services may use the same technical address type, which means that the same Party Technical Address may be used to exchange data using different Network Services. Consequently, there is a many-to-many association between the catalogue of Network Services and the set of Party Technical Address defined in CRDM. For this reason, each Party Technical Address has to be linked to the relevant Network Service, so that T2S the relevant Service or component can use them to route outbound communication.

The following table shows an example of a party having five party technical addresses linked to four different network services.

EXAMPLE 253 - PARTY TECHNICAL ADDRESS AND NETWORK SERVICES

Party

Short Name: BK Bank
Long Name: Black Knight Banking Corporation
Type: Payment Bank
Central Bank BIC: BITAITRRXXX
BIC: BKBANKCCXXX

Opening Date: 25-03-2015
Closing Date: -

Address: Charles Drive Square, 1
Country Name: Italy

Technical Addresses

Service A	DN=ABCD
Service A	DN=EFGH
Service B	DN=XYZ
Service C	DN=INTR
Service D	DN=OPQA

Conditional Routing

CRDM applies a mandatory routing for the following outbound communication:

I Acknowledgment of receipt:

Reactions on erroneous inbound messages;

Query results.

In all these cases, CRDM routes the outbound communication to the same network service and party technical address which were used for sending the related inbound communication. This implies that CRDM does not allow defining different routing configurations for these kinds of messages. For details on the mandatory routing rules applied by other Services and components, refer to the relevant UDFS document.

For all other types of outbound communication, CRDM allows CBs and directly connected participants to define specific routing configurations for their messages and files. More precisely, each of these CRDM Actors can define a default configuration (to be used by the relevant Service/component for all outbound communication of a given type of this Actor) for each type of outbound communication (with the types being i.e. message-based/file-based, real-time/store-n-forward). In addition, certain types of messages allow conditional routing configurations (to be used by the relevant Service/component as exceptions to the default configuration).

When defining a default routing configuration, the responsible CRDM Actor (i.e. a CB or a directly connected participant) has to provide the following pieces of information:

- the routing description;
- the network service to be used for the default routing (containing the indication of the Service/component it is relevant for);
- the party technical address the Service/component has to use for the default routing;

When defining a conditional routing, the responsible CRDM Actor (i.e. a CB or a directly connected participant) has to provide, in addition to the data required for the setup of a default routing configuration, the type of message subject to the configuration.

The list of messages subject to conditional routing is summarized below:

- Handled by CRDM: RTGS Directory, CLM Repository.
- Handled by CLM: camt.053 (for Account Statements and General Ledgers).
- Handled by RTGS: camt.053 (for Account Statements).
- Handled by T2S: all outgoing messages not covered by mandatory routing.
- Handled by Billing component: camt.077.

351401 EUROSISTEM UPDATE [Internal review]: page 31 (CRDM UDFS - chapter 1.2.2.1.2 Privilege)

Amendments to the privileges for CLM and RTGS

TABLE 574 – CLM FUNCTIONS

These privileges are related to user functions within CLM. As such, they are only used for CLM-specific business. These privileges will be defined separately from the RTGS privileges carrying the same name.

PRIVILEGE	USER FUNCTION	DATA SCOPE
[...]	[...]	[...]
CLM Query Copy of General Ledger	CLM Query Copy of General Ledger	Copy of the General Ledger for the relevant system entity (for CB); <u>only A2A</u>
[...]	[...]	[...]
CLM Query Monitoring Screens "Available Liquidity by Party Level" and "Available Liquidity by Account Holder"	Query, list and display of CB monitoring Screens "Available Liquidity by Party Level" and "Available Liquidity by Account Holder"	Cash Accounts within own System Entity (for CB), Operator; only U2A
[...]	[...]	[...]
€	Q	€
[...]	[...]	[...]
CLM Query Monitoring Screens Crisis Situation	Query, list and display details of the CB monitoring screens European wide	Cash Accounts within own System Entity (for CB) Operator and CBs need both privileges ; only U2A
[...]	[...]	[...]
CLM Activate Monitoring Screens for Crisis Situation	Activation on Screens in crisis situation from the operator	Operator only; only U2A

TABLE 585 – RTGS FUNCTIONS

These privileges are related to user functions within RTGS. As such, they are only used for RTGS-specific business. These privileges will be defined separately from the CLM privileges carrying the same name.

PRIVILEGE	USER FUNCTION	DATA SCOPE
[...]	[...]	[...]
RTGS Query Cash Transfer	Query and List RTGS Cash Transfer Order	All cash transfers on cash accounts within own System Entity (for CB) or owned by own Party (for RTGS CB account holder and RTGS account holder); Ancillary System can only query AS Transfer Orders sent by themselves or sent by CB on behalf <u>but Ancillary System (or their CB on behalf) can additionally query AS Transfer Orders from batches when the Ancillary System is connected to the batch as Counterpart-AS in case of Cross-AS-Business;</u>
RTGS Query Cash Transfer Detail	RTGS Query Transfer Detail	All cash transfer orders on cash accounts within own System Entity (for CB) or owned by own Party (for RTGS CB account holder and RTGS account holder); Ancillary System can only query AS Transfer Orders sent by themselves or sent by CB on behalf <u>but Ancillary System (or their CB on behalf) can additionally query AS Transfer Orders from batches when the Ancillary System is connected to the batch as Counterpart-AS in case of Cross-AS-Business;</u>
[...]	[...]	[...]
RTGS Query Message	Query and List RTGS Message	All messages for own System Entity (for CB) or for owned Party (for RTGS account holder or CB account holder or Ancillary System); <u>Ancillary System (or their CBB on behalf) connected as Counterpart-AS in case of Cross-AS-Business can query pain.998 ASTI sent and pain.998 ASTN received of the Initiating AS party as well;</u> only U2A
RTGS Query Message Detail	RTGS Query Message Detail	All messages for own System Entity (for CB) or for owned Party (for RTGS account holder, CB account holder or Ancillary Systems); <u>Ancillary System (or their CBB on behalf) connected as Counterpart-AS in case of Cross-AS-Business can query pain.998 ASTI sent and pain.998 ASTN received of the Initiating AS party as well;</u> only U2A

PRIVILEGE	USER FUNCTION	DATA SCOPE
RTGS Query AS Batches	Query, list and display details of AS batches	Ancillary System Parties within own System Entity (for CB) or own Party (for Ancillary System); <u>Ancillary System parties (or their CB on behalf) connected to the batch as Counterpart-AS in case of Cross-AS-Business can query the batch information as well;</u>
RTGS Query AS Batch Processing Log	Display AS Batch Processing Log	<u>Batch processing information of Ancillary System Parties within own System Entity (for CB); batch processing information of own Party (for Ancillary System); Ancillary system (or their CB on behalf) can query as well the batch processing information of other AS Initiating Party when it is connected to the batch as Counterpart-AS in case of Cross-AS-Business; Batch processing information of Ancillary System Parties when own Party is either debited or credited on own RTGS cash accounts by the batch instructions (for AS Settlement Banks). only U2A.</u>
[...]	[...]	[...]
RTGS Revoke AS Batch	Revoke AS Batch	Ancillary System Parties and Cash Accounts within own System Entity <u>within own System Entity</u> (for CB) or own Party (for Ancillary System); <u>Ancillary System Parties (or their CB on behalf) connected to the batch as Counterpart-AS in case of Cross-AS-Business can query the batch information as well;</u>
[...]	[...]	[...]
RTGS Enter Customer Credit Transfer for exceptional cases	RTGS Enter Customer Credit Transfer for exceptional cases	Cash Accounts within own System Entity (for CB), own Cash Accounts (for Payment Bank). This privilege can only be combined with the sending of A2A customer credit transfer and not with the U2A privilege for Enter Customer Credit Transfer; only U2A
RTGS Enter <u>Back-up Payment</u> Financial Institution Credit Transfer for exceptional cases	RTGS Enter <u>Back-up Payment</u> Financial Institution Credit Transfer for exceptional cases	Cash Accounts within own System Entity (for CB), own Cash Accounts (for Payment Bank). This privilege can only be combined with the sending of A2A <u>customer credit transfer and</u> Financial institution credit transfer and not with the U2A privilege for <u>entering customer credit transfer and Enter-Financial Institution Credit Transfer</u> ; only U2A

PRIVILEGE	USER FUNCTION	DATA SCOPE
RTGS Activate/Deactivate <u>Back-up Functionality</u> exceptional-payment functionality [...]	RTGS Activate/deactivate <u>Back-up Functionality</u> exceptional-payment functionality [...]	Cash Accounts within own System Entity (for CB); only U2A [...]

[352402](#) EUROSISTEM UPDATE [JIRA [CSLDME-607](#) ~~CSLD-777~~]: page 78 (CRDM UDFS - chapter 1.3.2.3 Description of the entities)

Clarification on BIC uniqueness constraints.

Add the following footnote to "...i.e. any BIC is unique within a given System Entity":

CRDM business rules prevent multiple Parties with the same Party BIC from being active in RTGS, CLM or TIPS. Simultaneously. This is checked upon creation of the related Party Service Link (see subsection 7).

[403](#) EUROSISTEM UPDATE [JIRA [CSLD-862](#)] page 103 (CRDM UDFS – 1.3.9 Configuration parameters. 1. Country)

Inclusion of exact standard version.

ATTRIBUTE	DESCRIPTION
<u>Country Code</u>	<u>Numeric code of the country according to the ISO 3166-1:2020 alpha-2 standard.</u>
<u>Country Name</u>	<u>Name of the country according to the ISO 3166-1 standard.</u>

[404](#) EUROSISTEM UPDATE [JIRA [CSLD-873](#), [CSLD-874](#)] page 130 (CRDM UDFS – 1.4.5 RTGS Directory)

Clarification on how BICs are configured to be included in RTGS Directory.

To support the routing of payments in RTGS, the routing information is provided in a structured RTGS Directory.

It includes the list of all published BICs for RTGS Participants and parties that are addressable within RTGS, i.e. BICs that are linked to a published RTGS DCA or RTGS CB Account through an Authorised Account User.

[...]

Table 5559 – RTGS Directory Example

BIC	ADDRESSEE BIC	ACCOUNT HOLDER BIC	PARTICIPATION TYPE
...			

[405 EUROSISTEM UPDATE \[JIRA CSLD-881\] page 140 \(CRDM UDFS – 1.4.6 CLM Repository\)](#)

[Clarification on Account Types included in CLM Repository.](#)

[It includes the list of all published CLM accounts, of any account type.](#)

353406 EUROSISTEM UPDATE [EDITORIAL]: page 154 (CRDM UDFS – 3.1.1.1 **ModifyStandingOrder** (camt.024)); page 172 (CRDM UDFS – 3.1.1.7 **ModifyLimit** (camt.011)); page 192 (CRDM UDFS – 3.1.2.3 **AccountOpeningRequest** (acmt.007)); page 198 (CRDM UDFS – 3.1.2.6 **AccountExcludedMandateMaintenanceRequest** (acmt.015)); page 225 (3.1.3.11 **PartyModificationRequest** (reda.022)); page 272 (CRDM UDFS- 5.1. Business Rules); **MyStandards T2-CoCo – Standing Order – camt.024; MyStandards T2-CoCo – CashAccountManagement – acmt.007, acmt.015; MyStandards T2-CoCo – PartyManagement – reda.022; MyStandards T2-CoCo – Limit – camt.011.**

Update of the applied Business Rules stemming from different sources :

acmt.007: addition of BRs DCC1250 (internal testing) and DCC1550 (CR0038);

camt.024: addition of BRs DCC4210 DCU4210 (T2S CR708/709) and DCC4300 (T2S CR705);

acmt.015: addition of BR DCU1250 (internal testing);

reda.022: addition of BR **DPU1250** (internal testing);

camt.011: addition of BRs DRU9059 and DRU9101 (CR0042).

Amendment of wording for the following business rules:

DCC1001, DCC1216, DCC1532, DCD1001, DCU1001, DCU1214, DCU4001 (TIPS CR0033)

DCC1024, DCC1219, DCC1800, DCC4001, DCC4081, DCU1024, DCU1534, DCU1800, DPU1350 (internal testing)

CRDM UDFS – 3.1.1.1 ModifyStandingOrder (camt.024), page 154

MESSAGE ITEM	BUSINESS RULES
ModifyStandingOrder Document/ModifyStgOrdr	DCU4001 DCC4001
Liquidity transfer Order Identification Document/ModifyStgOrdr/StgOrdrId/Id	DCU4003 DCU4030 DCC4075 DCC4300
[...]	[...]
Execution Type Document/ModifyStgOrdr/NewStgOrdrValSet/ExctnTp/EventPrtry	DCC4090 DCU4090 DCC4081 DCC4200 DCU4081

MESSAGE ITEM	BUSINESS RULES
	DCU4200 DCC4210 DCU4210
[...]	[...]

CRDM UDFS – 3.1.1.7 ModifyLimit (camt.011), page 172

MESSAGE ITEM	BUSINESS RULES
Default Document/ModifyLmt/LmtDtIs/LmtId/Dflt	IIMP199
Identification Document/ModifyLmt/LmtDtIs/LmtId/Dflt/SysId/MktInfrstrc trId/Prtry	DRU9001 DRU9003
Identification Document/ModifyLmt/LmtDtIs/LmtId/Dflt/BilLmtCtrPtyId/Fi nInstnId/BICFI	DRU9001 DRU9003 DRU9059 DRU9101
Account owner Document/ModifyLmt/LmtDtIs/LmtId/Dflt/AcctOwnr/FinIns tnId/BICFI	DRU9001 DRU9003
Account identification Document/ModifyLmt/LmtDtIs/LmtId/Dflt/AcctId/Othr/Id	DRU9001 DRU9003 DRU9101
Amount Document/ModifyLmt/LmtDtIs/NewLmtValSet/Amt/AmtWt hCcy	DRU9055 DRU9056 DRU9150 DRU9800

CRDM UDFS – 3.1.2.3 AccountOpeningRequest (acmt.007), page 192

MESSAGE ITEM	BUSINESS RULES
Identification Document/AcctOpngReq/Acct/Id/Othr/Id	DCC1103 DCC1216 DCC1532 DCC1534 DCC1533 DCC1535
Proprietary Document/AcctOpngReq/Acct/Tp/Prtry	DCC1530 DCC1531 DCC1536
Currency Document/AcctOpngReq/Acct/Ccy	DCC1100 DCC1207 DCC1550
FloorNotificationAmount Document/AcctOpngReq/Acct/FlrNtfctnAmt	DCC1101 DCC1800
CeilingNotificationAmount Document/AcctOpngReq/Acct/CingNtfctnAmt	DCC1101 DCC1800
ClosingDate Document/AcctOpngReq/Acct/ClsgDt	DCC1210 DCC1250
[...]	[...]

CRDM UDFS – 3.1.2.6 AccountExcludedMandateMaintenanceRequest (acmt.015), page 198

MESSAGE ITEM	BUSINESS RULES
Identification Document/AcctExclMndtMntncReq/Acct/Id/Othr/Id	DCU1003 DCU1555 DCU1556 DCU1557 DCU1558 DCU1214
[...]	[...]
CeilingNotificationAmount Document/AcctExclMndtMntncReq/Acct/CIngNtfctnAmt	DCU1101 DCU1800
ClosingDate Document/AcctExclMndtMntncReq/Acct/ClsgDt	DCU1030 DCU1040 DCU1041 DCU1400 DCU1532 DCU1534 DCU1210 DCU1250
[...]	[...]

CRDM UDFS - 3.1.3.11 PartyModificationRequest (reda.022), page 225

MESSAGE ITEM	BUSINESS RULES
PartyModificationRequest Document/PtyModReq	DPU1001 DXAA007
SystemPartyIdentification Document/PtyModReq/SysPtyId	DPU1003
ScopeIndication Document/PtyModReq/Mod/Scplndctn	IIMP101
OpeningDate Document/PtyModReq/Mod/ReqdMod/SysPtyDt/OpngDt	DPU1206 IIMP106
ClosingDate Document/PtyModReq/Mod/ReqdMod/SysPtyDt/ClsgDt	DPU1205 DPU1030 IIMP106 DPU1250
[...]	[...]

CRDM UDFS- 5.1. Business Rules, page 272

[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]
DCC1001	When performing a Cash Account create request, the Party Type of the Requestor must be NCB ₂ Ancillary System or Payment Bank. Users belonging to NCBs can only create Cash Accounts for Parties that fall under their responsibility according to the Hierarchical Party Model, or TIPS Credit Memorandum	acmt.007	acmt.011	REJT	Requestor not allowed	Yes	Yes	Yes	Yes	Yes

	<p>Balances linked to Cash Accounts that fall under their responsibility.</p> <p>Users belonging to Payment Banks can only create TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility.</p> <p><u>Users belonging to Ancillary Systems can only create TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility.</u></p> <p>Exceptions to the above rules are represented by any user that is granted the appropriate privilege(s) on the specific Party to be linked to the account.</p>									
DCC1024	When performing a Cash Account create request, the Restriction Type must refer to an existing Restriction Type with Object Restriction Type equal to Cash Account and belonging to the same system entity of the Cash Account or of the Service Operator <u>and to the correct Service.</u>	acmt.007	acmt.011	REJT	Invalid restriction type	Yes	Yes	Yes	Yes	Yes
DCC1216	When performing a Cash Account create request to create a TIPS Credit Memorandum Balance the Linked Account must refer to an existing Cash Account instance in CRDM with type "TIPS Account" or <u>"TIPS AS Technical Account"</u> which is open throughout the specified opening period of the TIPS CMB being created.	acmt.007	acmt.011	REJT	Invalid linked account	No	Yes	No	No	No
DCC1219	When performing a Cash Account create request to create an RTGS Dedicated Cash Account, <u>Overnight Deposit Account or Marginal Lending Account</u> , the Linked Account must refer to an existing Cash Account instance in CRDM with type "Main Cash Account" which is open throughout the specified opening period of the Cash Account being created and belongs to the same System Entity.	acmt.007	acmt.011	REJT	Invalid linked account	No	No	Yes	No	No
DCC1250	<u>When performing a Cash Account Create request, the Closing Date for T2 Accounts cannot be set to a Currency Closing Day in the relevant Service.</u>	acmt.007	acmt.011	REJT	<u>Closing Date cannot be set to Currency Closing Day</u>	No	No	Yes	Yes	No
DCC1532	When performing a Cash Account create request, when creating a	acmt.007	acmt.011	REJT	Transit account	No	Yes	No	No	No

	TIPS Account or a TIPS AS Technical Account, there must be a TIPS Transit Account related to the relevant currency.				not found for this currency					
DCC1550	<u>When performing a Cash Account Create request, the specified Currency Code must be consistent with the Currency Code of the responsible Central Bank.</u>	acmt.007	acmt.011	REJT	<u>Invalid Currency code</u>	Yes	Yes	Yes	Yes	Yes
DCC1800	When performing a Cash Account Create request, the number of decimals in the values provided for Floor Notification Amount, Target Amount After Breaching Floor, Ceiling Notification Amount, and Target Amount After Breaching Ceiling <u>and Maximum Amount To Be Debited Per Day</u> must be compliant with the number of decimals foreseen for the relevant currency.	acmt.007	acmt.011	REJT	Invalid number of decimals	Yes	Yes	Yes	Yes	Yes
DCC4001	A Liquidity Transfer Order can only be created by the NCB, Payment Bank or Ancillary System responsible for the account to be debited. Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the specified account to be debited. In addition, NCBs and Payment Banks can manage LTOs on Cash Accounts for which they are defined as Co-Managers.	acmt.007	acmt.011	REJT	Requestor not allowed	Yes	No	Yes	Yes	No
DCC4081	When performing a Liquidity Transfer Order Create request, the Event Type Code, when specified in the create request, must refer to an active and existing instance in Event Type <u>belonging to the same Service as the debited Cash Account.</u>	camt.024	camt.025	REJT	Unknown Event Type Identifier	Yes	No	Yes	Yes	No
DCC4210	<u>When performing a Liquidity Transfer Order Create request, Event Type Code 'OCS2' (second optional cash sweep) can only be linked to Cash Accounts in EUR.</u>	camt.024	camt.025	REJT	<u>OCS2 cannot be linked to a non-EUR account</u>	Yes	No	No	No	No
DCC4300	<u>When performing a Liquidity Transfer Order Create request, the Liquidity Transfer Order Reference cannot be longer than 16 characters for LTOs defined on DKK accounts.</u>	camt.024	camt.025	REJT	<u>Invalid reference length for DKK</u>	Yes	No	No	No	No
DCD1001	"When performing a Cash Account delete or restore request, the Party Type of the Requestor must be NCB, <u>Ancillary System</u> or Payment Bank. Users belonging to NCBs can only delete or restore Cash Accounts for Parties that fall under their	acmt.019	acmt.011	REJT	Requestor not allowed	Yes	Yes	Yes	Yes	Yes

	<p>responsibility according to the Hierarchical Party Model, or TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. In addition, they can delete or restore Cash Accounts for which they are defined as Co-Managers.</p> <p>Users belonging to Payment Banks can only delete or restore TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility.</p> <p><u>Users belonging to Ancillary Systems can only delete or restore TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility.</u></p> <p>Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the account or on the relevant Party holding the account."</p>									
DCU1001	<p>"When performing a Cash Account update request the Party Type of the Requestor must be NCB, <u>Ancillary System</u> or Payment Bank.</p> <p>Users belonging to NCBs can only update Cash Accounts for Parties that fall under their responsibility according to the Hierarchical Party Model, or TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility. In addition, they can update Cash Accounts for which they are defined as Co-Managers.</p> <p>Users belonging to Payment Banks can only <u>update floor/ceiling attributes for Cash Accounts for which they are defined as Account Owners or Co-Managers. In addition, they can</u> update TIPS Credit Memorandum Balances linked to Cash Accounts that fall under their responsibility.</p> <p>Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the account or on the relevant Party holding the account."</p>	acmt.015	acmt.011	REJT	Requestor not allowed	Yes	Yes	Yes	Yes	No

DCU1024	When performing a Cash Account update request, in case of request of creation of Cash Account Restriction, the Restriction Type must refer to an existing Restriction Type with Object Restriction Type equal to Cash Account and belonging to the same system entity of the Cash Account or of the Service Operator <u>and to the correct Service.</u>	acmt.015	acmt.011	REJT	Invalid restriction type	Yes	Yes	Yes	Yes	Yes
DCU1214	When performing a Cash Account update request on the Linked Account, Opening Date and/or Closing Date of a TIPS Credit Memorandum Balance, the Linked Account must refer to an existing Cash Account instance in CRDM with type "TIPS Cash Account" <u>or "TIPS AS Technical Account"</u> which is open throughout the specified validity period of the TIPS CMB being updated.	acmt.015	acmt.011	REJT	Invalid linked account	No	Yes	No	No	No
DCU1250	<u>When performing a Cash Account Update request, the Closing Date for T2 Accounts cannot be set to a Currency Closing Day in the relevant Service.</u>	acmt.015	acmt.011	REJT	<u>Closing Date cannot be set to Currency Closing Day</u>	No	No	Yes	Yes	No
DCU1800	When performing a Cash Account Update request, the number of decimals in the values provided for Floor Notification Amount, Target Amount After Breaching Floor, Ceiling Notification Amount, <u>and Target Amount After Breaching Ceiling and Maximum Amount To Be Debited Per Day</u> must be compliant with the number of decimals foreseen for the relevant currency.	acmt.015	acmt.011	REJT	Invalid number of decimals	Yes	Yes	Yes	Yes	Yes
DCU4210	<u>When performing a Liquidity Transfer Order Update request, Event Type Code 'OCS2' (second optional cash sweep) can only be linked to Cash Accounts in EUR.</u>	camt.024	camt.025	REJT	<u>OCS2 cannot be linked to a non-EUR account</u>	Yes	No	No	No	No
DCU4001	A Standing and Predefined Liquidity Transfer Order can only be updated by the NCB, Payment Bank <u>or Ancillary System</u> responsible for the account to be debited. Exceptions to the above rule are represented by any user that is granted the appropriate privilege(s) on the specified account to be debited. In	camt.024	camt.025	REJT	Requestor not allowed	Yes	No	Yes	Yes	No

	addition, NCBs and Payment Banks can manage LTOs on Cash Accounts for which they are defined as Co-Managers.									
DPU1250	<u>When performing a Party Update request, the Closing Date for Parties linked to CLM or RTGS cannot be set to a Currency Closing Day in the relevant Service.</u>	<u>reda.022</u>	<u>reda.016</u>	<u>REJT</u>	<u>Closing Date cannot be set to Currency Closing Day</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>
DPU1350	When performing a Party Update request to change the Party BIC, there cannot be more than one Party with the same BIC linked to the same Service (if the Service is TIPS, ECONS2II, T2_CLM or T2_RTGS). <u>Moreover, different Parties with the same BIC cannot be linked simultaneously to T2_CLM and T2_RTGS.</u>	reda.022	reda.016	REJT	Party BIC already linked to this Service	No	Yes	Yes	Yes	Yes
DRU9059	<u>When performing a Limit update request, the To Account BIC specified must refer to an existing and active Authorised Account User instance of type "Direct" in CRDM defined on an RTGS Dedicated Cash Account.</u>	<u>camt.011</u>	<u>camt.025</u>	<u>REJT</u>	<u>Unknown To Account BIC</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>
DRU9101	<u>When performing a T2 Bilateral Limit or T2 Multilateral Limit update request, there cannot be more than one Limit on the same Cash Account for each Limit Type and To Account BIC over the same validity period.</u>	<u>camt.011</u>	<u>camt.025</u>	<u>REJT</u>	<u>Limit already defined</u>	<u>No</u>	<u>No</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>

MyStandards T2-CoCo – Standing Order – camt.024

camt.024/Document/ModifyStgOrd/Mod/StgOrdId/Id Addition of the BR DCC4300 to the annotation

camt.024/Document/ModifyStgOrd/NewStgOrd/ValSet/ExctnTp/Evt/Prtry Addition of the BRs DCC4210 and DCU4210 to the annotation

MyStandards T2-CoCo – CashAccountManagement – acmt.007, acmt.015

acmt.007 /Document/AcctOpngReq/Acct/Ccy Addition of the BR DCC1550 to the annotation

acmt.007 /Document/AcctOpngReq/Acct/ClsgDt Addition of the BR DCC1250 to the annotation

acmt.015 /Document/AcctExclMndtMntncReq/Acct/ClsgDt Addition of the BR DCU1250 to the annotation

MyStandards T2-CoCo – PartyManagement – reda.022

reda.022 / Document/PtyModReq/Mod/ReqdMod/SysPtyDt/ClsgDt Addition of the BR DPU1250 to the annotation

MyStandards T2-CoCo – Limit – camt.011

camt.011 /Document/ModifyLmt/LmtDtls/LmtId/Dflt/BilLmtCtrPtyId/FinInstnId/BICFI Addition of the BRs DRU9059 and DRU9101 to the annotation

camt.011/Document/ModifyLmt/LmtDtls/LmtId/Dflt/AcctId/Othr/Id Addition of the BR DRU9101 to the annotation

354407 EUROSISTEM UPDATE [Remedy PBI000000212592]: page 192 (CRDM UDFS- 3.1.2.3 AccountOpeningRequest (acmt.007))

Description of the block ReferenceAccount should be amended in order to reflect the correct cardinality of the block in the acmt.007 UGs.

CRDM UDFS- 3.1.2.3 AccountOpeningRequest (acmt.007), page 192

[...]

ReferenceAccount

This building block is optional-mandatory. It contains detailed information related to the linked Cash Account, if any.

[...]

355408 EUROSISTEM UPDATE [Remedy INC000000284617]: page 205 (CRDM UDFS- 3.1.3.2 PartyReport(reda.017))

Correction of two typos in the description of reda.017 in the CRDM UDFS.

CRDM UDFS- 3.1.3.2 PartyReport(reda.017), page 205

[...]

This chapter illustrates the PartyReport message.

The PartyReport is sent by CRDM to an authorised actor to provide the requested Party information.

This message is sent by T2S CRDM in the following message usages: 22

- Party Reference Data Response;
- Party List Response;
- Restricted Party Response.

These message usages are described in the section "The message in business context".

The PartyReport is sent in response to the PartyQuery(reda.015) message.

[...]

356409 EUROSISTEM UPDATE [Internal review]: page 254 (CRDM UDFS - chapter 4.5.3.8 Message Subscription Rule – New (DMT specifications))

Editorial corrections of parameter names.

Flat file column	Excel column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
[...]					[...]	[...]	
		Group "Message Subscription Rule Parameter"			Each Message Subscription Rule may have	1..10	

					up to 10 Message Subscription Rule Parameters.		
7	G	Group	VARCHAR (35)				1..1
8	H	Parameter Type Name	<p>Name of the parameter type to be set for the rule.</p> <p>Allowed values for T2S are:</p> <p>[...]</p> <p><u>MXID (Message Identification Type)</u></p> <p>[...]</p> <p>Allowed values for CLM/RTGS are:</p> <p><u>MXID (Message Type)</u></p> <p><u>INTP (Message Instruction Type)</u></p> <p>[...]</p> <p>Allowed values for TIPS are:</p> <p><u>MXID (Message Type)</u></p> <p><u>INTP (Message Instruction Type)</u></p> <p>[...]</p>				1..1

357410 EUROSISTEM UPDATE [Internal review]: page 256 (CRDM UDFS - chapter 4.5.3.12 Cash Account – New (DMT specifications))

Alignments of DMT specifications to related object implementation.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
	[...]		[...]		[...]		
8	H	Floor Notification Amount	DEC (13,5)	Threshold for floor notifications	This field is only allowed for - all T2S account types	0..1	

					<ul style="list-style-type: none"> - all TIPS account types - RTGS DCAs - <u>RTGS CB Accounts</u> - Main Cash Accounts - <u>CLM CB Accounts</u> 		
9	I	Ceiling Notification Amount	DEC (13,5)	Threshold for ceiling notifications	<p>This field is only allowed for</p> <ul style="list-style-type: none"> - all T2S account types - all TIPS account types - RTGS DCAs - <u>RTGS CB Accounts</u> - Main Cash Accounts - <u>CLM CB Accounts</u> 	0..1	
10	J	Parent BIC	CHAR (11)	Parent BIC of the account owner		1..1	
11	K	BIC	CHAR (11)	BIC of the account owner		1..1	
12	L	Linked Account	VARCHAR (34)	<u>Linked</u> Cash Account linked to the CMB	<p>This field is mandatory if the Account Type is T2S Dedicated Transit Account, T2S Central Bank Account, T2S Dedicated Cash Account, TIPS Credit Memorandum Balance, RTGS Dedicated Cash Account, RTGS Sub-Account, <u>Contingency Cash Account, CB Contingency Account.</u></p> <p>It is also mandatory if the Account Type is Main Cash Account</p>	0..1	

					and Default MCA is set to TRUE. It is not allowed otherwise.		
	[...]		[...]		[...]		
Group "Reserve Management Account Configuration"					This group is not allowed if the Account Type is CB Contingency Account, Contingency Cash Account, Contingency Technical Account, Contingency Transit Account.	0..1	
26	Z	Minimum Reserve Calculation	BOOLEAN	Flag to enable account for minimum reserve calculation.			0..1
27	AA	Default MCA	BOOLEAN	Flag to enable account as default MCA.	This field is mandatory if Account Type is Main Cash Account or CLM CB Account. It is not allowed otherwise.		0..1
	[...]		[...]		[...]		
Group "Additional Account Configuration"						0..1	
31	AE	Co-managed	BOOLEAN	Flag to enable account for co-management.	This field is only allowed if Account Type is Main Cash Account.		0..1
32	AF	Co-manager Parent BIC	CHAR (11)	Parent BIC of the party co-managing the account.	This field is not allowed if "Co-managed" is set to FALSE. It is mandatory if "Co-managed" is set to TRUE.		0..1
33	AG	Co-manager	CHAR (11)	BIC of the Party within the same System Entity to co-manage co-managing the account.	This field is not allowed if "Co-managed" is set to FALSE. It is		0..1

					mandatory if "Co-managed" is set to TRUE.		
34	AH	Default RTGS Account	BOOLEAN	Flag to enable an RTGS DCA as default.	This field is mandatory if Account Type is "RTGS DCA". It is not allowed otherwise.		0..1
35	AI	Credit-Based Only	BOOLEAN	Flag to prevent negative balances on the account.	This field is only allowed for CLM and RTGS account types.		0..1
36	AJ	<u>Non-published</u>	<u>BOOLEAN</u>	<u>Flag to enable or not the publishing of the account in the directories.</u>	<u>This field is only allowed for CLM and RTGS account types.</u>		<u>0..1</u>
37	AK	<u>Maximum Amount to be Debited per Day</u>	<u>DEC(13,5)</u>	<u>Maximum amount to be debited per day.</u>	<u>This field is only allowed for CLM and RTGS account types.</u>		<u>0..1</u>

358411 EUROSISTEM UPDATE [Internal review]: page 268 (CRDM UDFS - chapter 4.5.3.15

Party Service Link – New (DMT specifications))

Alignment of DMT specifications to related object implementation. Previously the specification was limited to the TIPS implementation.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Parent BIC	CHAR (11)	Parent BIC of the party to link.		1..1	
4	D	Party BIC	CHAR (11)	Party BIC of the party to link.		1..1	
5	E	Service Name	Possible values: TIPS CHAR (4)	Classification of the Service Name: TIPS: TIPS Settlement Service Identifier of the Service.		1..1	

6	F	Valid From	DATE	Starting validity date for the link.		1..1	
7	G	Valid To	DATE	Ending validity date for the link		0..1	
8	H	Service Party Type	Possible values: • TPPT • TPRP • TPAS • MPPT • RACH (RTGS Account Holder) • ANSY (Ancillary System) • CACH (CLM Account Holder) • IMMR (Institution managing minimum reserve without account in CLM) • ECAH (Contingency Account Holder) • ECAS (Contingency Ancillary System)	Classification of the Service Name: • TPPT: TIPS Participant • TPRP: Reachable Party • TPAS: TIPS Ancillary System • MPPT: MPL-Only Participant • RACH (RTGS Account Holder) • ANSY (Ancillary System) • CACH (CLM Account Holder) • IMMR (Institution managing minimum reserve without account in CLM) • ECAH (Contingency Account Holder) • ECAS (Contingency Ancillary System)		1..1	
Group "RTGS Configuration"				This block is mandatory if the Service Identifier in input refers to T2 RTGS. It is not allowed in any other case.		0..1	
9	I	U2A only	BOOLEAN	Specifies whether a Party acts only through the U2A channel in RTGS.		1..1	
10	J	Ancillary System Sub-Type	Possible values: • HVPS • RPS • IPS • SSS • FXS • MMS • CCP • OTH	Sub-Type for an Ancillary System. Possible values: • HVPS: High-Value-Payment-Systems • RPS: Retail-Payment-Systems • IPS: Instant-Payment-Systems • SSS: Security-Settlement-Systems • FXS: Foreign-Exchange-Settlement-Systems	This field is mandatory if the Service Identifier in input refers to T2 RTGS and Service Party Type is "Ancillary System". It is not allowed in any other case.	0..1	

				<ul style="list-style-type: none"> • <u>MMS: Money-Market-Settlement-Systems</u> • <u>CCP: Central-Counter-Parties</u> • <u>OTH: Other</u> 			
<u>Group "CLM Configuration"</u>					This block is mandatory if the <u>Service Identifier</u> in input refers to <u>T2 CLM</u> . It is not allowed in any other case.	0..1	
11	K	<u>Overnight Deposit Indicator</u>	<u>BOOLEAN</u>	Specifies whether the Party uses the <u>Overnight Deposit facility</u> .			1..1
12	L	<u>Marginal Lending Indicator</u>	<u>BOOLEAN</u>	Specifies whether the Party uses the <u>Marginal Lending facility</u> .			1..1
13	M	<u>Minimum Reserve Obligation</u>	Possible values: • <u>Direct</u> • <u>Pool</u> • <u>Indirect</u> • <u>No</u>	Specifies whether the Party is subject to the <u>minimum reserve requirement</u> and through which method it is <u>calculated</u> .			1..1
14	N	<u>Intraday Credit Indicator</u>	<u>BOOLEAN</u>	Specifies whether the Party is allowed to receive <u>intraday credit</u> .			1..1
15	Q	<u>Institutional Sector Code</u>	<u>CHAR (35)</u>	Identifies the <u>financial corporations sector classification</u> to which the Party belongs with respect to the nature of its <u>business</u> .			1..1
16	P	<u>U2A Only</u>	<u>BOOLEAN</u>	Specifies whether a Party acts only through the <u>U2A channel</u> in CLM.			1..1
17	Q	<u>MFI Code</u>	<u>CHAR (35)</u>	<u>Monetary Financial Institution Code</u>	Mandatory if " <u>Minimum Reserve Obligation</u> " is equal to " <u>Pool</u> ". " <u>Direct</u> " or " <u>Indirect</u> ". Not allowed if " <u>Minimum Reserve Obligation</u> " is equal to " <u>No</u> ".	0..1	

18	R	Leading CLM Account Holder Parent BIC	CHAR (11)	Parent BIC of the Leading CLM Account Holder for the calculation and settlement of interests or penalties	Mandatory if "Minimum Reserve Obligation" is equal to "Pool". "Direct" or "Indirect"	0..1
19	S	Leading CLM Account Holder Party BIC	CHAR (11)	BIC of the Leading CLM Account Holder for the calculation and settlement of interests or penalties	Mandatory if "Minimum Reserve Obligation" is equal to "Pool". "Direct" or "Indirect"	0..1

359412 EUROSISTEM UPDATE [Remedy INC000000285677]: page 272 (CRDM UDFS-5.1. Business Rules).

Error text of the CRDM BR IIMP037 to be amended in order to correctly report the query name.

CRDM UDFS- 5.1. Business Rules, page 272

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]
IIMP037	For the user query 'Party List Query (PY-LI)' the following search criteria are allowed: - BIC of the CSD - BIC of the NCB	reda.015	reda.017	REJT	While referring to the query 'Party Reference Data Query Party List Query (PYLI)', the selected search criteria are invalid.	Yes	Yes	Yes	Yes	Yes
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]

360413 EUROSISTEM UPDATE [CSLD-0062-UDFS]: MyStandards T2-CoCo – Standing Order – message examples for camt.024 and camt.070.

In order to be aligned with changes foreseen by the Internal Change CSLD-0012 - CSLD-0062-UDFS, which remove the code «CRII» for CLM, then message examples for camt.024 and camt.070 should be aligned in order to not show the code «CRII» anymore.

MyStandards T2-CoCo – Standing Order – camt.024 - CLMModifyStandingOrder_example

Code «CII» used in the filed Document/ModifyStgOrd/NewStgOrd/ValSet/ExctnTp/Evt/Prtry

MyStandards T2-CoCo – Standing Order – camt.070 - CLMReturnStandingOrderDetails example

Code «CCII» used in the filed Document/RtrStgOrdR/RptOrErr/Rpt/StgOrdR/Err/StgOrdR/ExctnTp/Evt/Prtry

361414EUROSYSTEM UPDATE [CSLD-0062-UDFS]: MyStandards T2-CoCo – DirectDebitMandate – message example for camt.099

In order to be aligned with changes foreseen by the CSLD-0062-UDFS, which makes the Service and Currency as mandatory search criteria for camt.099, MyStandards camt.099 example should be updated accordingly.

MyStandards T2-CoCo – DirectDebitMandate – camt.099 - DirectDebitMandateQuery example

Service (Document/DrcDtMndtQry/SchCrit/Svc) and Currency (Document/DrcDtMndtQry/SchCrit/Svc/SysCcy) inserted as search criteria in the example.

362415EUROSYSTEM UPDATE [JIRA ~~CSLDME-654~~CSLD-842]: MyStandards T2-CoCo – BusinessApplicationHeader – head.001.

Clarification about the use of field Clearing System Identification.

MyStandards T2-CoCo - BusinessApplicationHeader – head.001

Creation of a new annotation for the field /Document/AppHdr/FinInstnId/ClrSysMmbld/ClrSysId/Prtry in order to specify that the content provided by the customer in this field is not used.

CRDM UHB

363416EUROSYSTEM UPDATE [~~ECB-4CB internal review~~JIRA ~~CSLD-807~~]: CRDM UHB- chapter 2.4.3.2 RTGS BIC Directory – Search/List Screen

Renaming RTGS BIC Directory into RTGS Directory

RTGS ~~BIC~~ Directory – Search/List screen

This screen allows the authorised users searching for elements of the RTGS ~~BIC~~ Directory. By inputting the relevant search data, you can search for the BICs satisfying the searching parameters. A user can use this screen for searching the items and showing the related list and downloading the details of the RTGS ~~BIC~~ Directory, both complete and delta.

The result list is displayed sorted by default by "BIC", "Addressee BIC", "Account BIC", "Valid from", "Type of change".

IT2 >> Configuration >> RTGS ~~BIC~~ Directory >> Search

To use this screen, the following Privileges are needed:

IRTGS BIC Directory query

[image will be updated accordingly]

ILLUSTRATION 181: RTGS BIC DIRECTORY – SEARCH/LIST SCREEN

364417 EUROSISTEM UPDATE [ECB-4CB internal reviewJIRA CSLD-807]: CRDM UHB-
chapter 3.7.1.8 Usage of RTGS BIC Directory

Renaming RTGS BIC Directory into RTGS Directory

3.7.1.8 Usage of RTGS BIC Directory

The RTGS BIC Directory is a query that is meant to allow the user to search for Account BICs and then download the related data, according to the configuration, especially the Participation Type, already set when creating an Authorised Account User. A non exhaustive example related to the Account BIC and Participation type "Direct" follows.

To carry out this business scenario, you need the following privileges:

IRTGS BIC Directory query

Further information on screens involved can be found in the screen reference part:

IRTGS BIC Directory – search/list screen []

[...]

Go to the RTGS BIC Directory – search/list screen:

Common >> T2 >> Configuration >> RTGS BIC Directory

365418 EUROSISTEM UPDATE [ECB-4CB internal reviewJIRA CSLD-807]: CRDM UHB-
chapter 4.1.38 RTGS BIC Directory

Renaming RTGS BIC Directory into RTGS Directory

4.1.38 RTGS BIC Directory

[image will be updated accordingly]

366419 EUROSISTEM UPDATE [ECB-4CB internal review JIRA CSLD-807]: CRDM UHB-
chapter 4.1.38 RTGS BIC Directory

Renaming RTGS BIC Directory into RTGS Directory

4.2.2.64 RTGS BIC Directory – Search/List Screen

Privilege	Privilege Code	Screen Criteria
RTGS BIC Directory query	SDQ_RTGSBICDirQuery	n/a

367420 EUROSISTEM UPDATE [JIRA CSLDME-606CSLD-776]: CRDM UHB-chapter 2.3.1.8
Party Service Link – New/Edit Screen

Field format for MFI code

2.3.1.8 Party Service Link – New/Edit Screen

MFI Code	Enter the Monetary Financial Institution Code. Reference for error message []: IDPU4013 This field is mandatory if "Minimum Reserve Obligation" is different from "No". It is not allowed otherwise. Required format is: max-256x-charactersmax 35x characters.
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368421 EUROSISTEM UPDATE [JIRA CSLDME-602CSLD-773]: CRDM UHB-chapter 4.3.2.10
Ancillary System Procedures – New/Edit Screen

No AS Technical Account allowed for procedures A, B, C and D. Different Technical Accounts can be used for different procedures but no more than one for each procedure at any given moment.

DPC5009	IAdd and submit button IAncillary System ITechnical Account IParent BIC IParty BIC IValid From IValid To ISettlement Procedure	AS Technical Account already defined	The same AS Technical Account cannot be specified in Procedures 'A', 'B', 'C' and 'D' over the same validity period for the same Party must be different from one another.
DPC5010	IAdd and submit button	AS Technical	The same AS Technical Account specified

	IAncillary System Technical Account IParent BIC IParty BIC IValid From IValid To ISettlement Procedure	Account already defined	for Procedure 'E' cannot be specified in Procedures 'A', 'B' and 'D' over the same validity period for the same Party.
--	--	-------------------------	--

DPD5009	IRestore and submit button ISettlement Procedure IAS Technical Account IValid From IValid To IParent BIC IParty BIC	AS Technical Account already defined	When performing an Ancillary System Procedure restore request, the same AS Technical Account cannot be specified in Procedures 'A', 'B', 'C' and 'D' over the same validity period for the same Party <u>must be different from one another</u> .
DPD5010	IRestore and submit button ISettlement Procedure IAS Technical Account IValid From IValid To IParent BIC IParty BIC	AS Technical Account already defined	When performing an Ancillary System Procedure restore request, the same AS Technical Account specified for Procedure 'E' cannot be specified in Procedures 'A', 'B' and 'D' over the same validity period for the same Party.

DPU5010	IAdd and submit button IEdit row button IAncillary System Technical Account IParent BIC IParty BIC IValid From IValid To ISettlement Procedure	AS Technical Account already defined	The same AS Technical Account cannot be specified in Procedures 'A', 'B', 'C' and 'D' over the same validity period for the same Party <u>must be different from one another</u> .
DPU5011	IAdd and submit button IEdit row button IAncillary System Technical Account IParent BIC	AS Technical Account already defined	The same AS Technical Account specified for Procedure 'E' cannot be specified in Procedures 'A', 'B' and 'D' over the same validity period for the same Party.

	<input type="checkbox"/> Party BIC <input type="checkbox"/> Valid From <input type="checkbox"/> Valid To <input type="checkbox"/> Settlement Procedure		
--	---	--	--

369422 EUROSISTEM UPDATE [ECB-4CB internal review JIRA CSLD-681/

PBI000000212591]: CRDM UHB-chapter 2.4.2.8 Ancillary System Procedures – New/Edit Screen

AS Guarantee Funds Account is optional for procedures A and B

Ancillary System Guarantee Funds Account	Enter or select the Ancillary System Guarantee Funds Account specified for the Settlement Procedure. This field is mandatory enabled if Settlement Procedure 'A' or 'B' is selected. It is disabled otherwise. This field is nullable can be emptied -in edit mode. Required format is: max. 34x characters.
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370423 EUROSISTEM UPDATE [ECB-4CB internal review JIRA CSLD-681/

PBI000000212591]: CRDM UHB-chapter 4.3.2.10 Ancillary System Procedures – New/Edit Screen

AS Guarantee Funds Account is optional for procedures A and B

DPC5013	<input type="checkbox"/> Add and submit button <input type="checkbox"/> Ancillary System Technical Account <input type="checkbox"/> Ancillary System Guarantee Funds Account <input type="checkbox"/> Settlement Procedure	Missing Cash Account	The AS Technical Account must be specified for Procedures 'A', 'B', 'C' and 'D'. The AS Guarantee Funds Account must can be specified for Procedures 'A' and 'B' only .
DPU5007	<input type="checkbox"/> Add and submit button <input type="checkbox"/> Edit row button <input type="checkbox"/> AS Guarantee Funds <input type="checkbox"/> Valid From <input type="checkbox"/> Valid To <input type="checkbox"/> Settlement Procedure	Unknown or invalid AS Guarantee Funds Account	The specified AS Guarantee Funds Account, if present, must refer to an existing and active Cash Account defined under the responsible CB with account type "Ancillary System Guarantee Funds Account" which is open throughout the intended validity period. It can be specified only for Procedures 'A' and 'B'.
DPU5015	<input type="checkbox"/> Add and submit button	Missing Cash	The AS Technical Account must be

<ul style="list-style-type: none"> ✎ Edit row button ✎ Settlement Procedure ✎ Ancillary System Technical Account ✎ Ancillary System Guarantee Funds Account 	Account	specified for Procedures 'A', 'B', 'C' and 'D'. The AS Guarantee Funds Account must can be specified for Procedures 'A' and 'B' only .
---	---------	--

371424EUROSYSTEM UPDATE [internal review]: CRDM UHB-chapter 2.4.2.6 Ancillary
System Procedures – Search/List Screen

Internal review

Ancillary System Procedures – List	
Parent BIC	Shows whether the A Procedure is configured for the referred Ancillary System or not. Shows the Parent BIC of the Ancillary System.
Party BIC	Shows whether the B Procedure is configured for the referred Ancillary System or not. Shows the Party BIC of the Ancillary System.
Procedure A	Shows whether the C A Procedure is configured for the referred Ancillary System or not.
Procedure B	Shows whether the D B Procedure is configured for the referred Ancillary System or not.
Procedure C	Shows whether the E C Procedure is configured for the referred Ancillary System or not.
Procedure D	Shows whether the A D Procedure is configured for the referred Ancillary System or not.
Procedure E	Shows whether the B E Procedure is configured for the referred Ancillary System or not.

372425 EUROSYSYSTEM UPDATE [JIRA [CSLDME-597](#)[CSLD-768](#)]: CRDM UHB-chapter 2.3.2.8
Standing/Predefined Liquidity Transfer Order – Search/List Screen

Co-Managers information added

Central Bank, **Ancillary System** and Payment Bank users can see all Standing/Predefined Liquidity Transfer Orders depending on their datascope. Payment Bank users can see the ones under their datascope and the ones where

the debtor cash account is under their datascope or for which they have been defined as Co-Managers. Duly authorised users can manage Standing/Predefined Liquidity Transfer Orders on Cash Accounts for which they are defined as Co-Managers.

373426 EUROSISTEM UPDATE [JIRA CSLDME-597~~CSLD-768~~]: CRDM UHB-chapter 2.3.2.9
Standing/Predefined Liquidity Transfer Order – Details Screen

Co-Managers information added

This screen displays detailed information on the selected Standing/Predefined Liquidity Transfer Order. You can check the data and proceed further by clicking on the buttons below. Duly authorised users can manage Standing/Predefined Liquidity Transfer Orders on Cash Accounts for which they are defined as Co-Managers.

374427 EUROSISTEM UPDATE [JIRA CSLDME-597~~CSLD-768~~]: CRDM UHB-chapter 2.3.2.10
Standing/Predefined Liquidity Transfer Order – New/Edit screen

Co-Managers information added

This screen contains a number of fields regarding Standing/Predefined Liquidity Transfer Order. You can enter new data or edit existing data, previously selected. Afterwards you can proceed further by clicking on the buttons below. This screen is relevant for Central Bank, Payment Bank or Ancillary System users responsible for the account to be debited. Duly authorised users can manage Standing/Predefined Liquidity Transfer Orders on Cash Accounts for which they are defined as Co-Managers.

375428 EUROSISTEM UPDATE [JIRA CSLD-~~CSLDME-597~~768]: CRDM UHB-chapter 2.4.1.12
Standing Order for Reservation – Search/List Screen

Co-Managers information added

This screen enables the user to display a list of Standing Orders for Reservation matching the entered criteria.

This screen gives also the possibility to display, edit, delete, restore and create a selected order.

The Participant and Ancillary Systems users can see the Standing Order for Reservation related to Account for which they are co-manager. Duly authorised users can delete and restore Standing Orders for Reservation for Cash Accounts they own or co-manage.

376429 EUROSISTEM UPDATE [JIRA ~~CSLDME-597~~CSLD-768]: CRDM UHB-chapter 2.4.1.13
Standing Order for Reservation – New/edit Screen

Co-Managers information added

This screen enables the user to create a new Standing Order for Reservation or to edit an existing one, previously selected. **Duly authorised users can delete and restore Standing Orders for Reservation for Cash Accounts they own or co-manage.**

377430 EUROSISTEM UPDATE [JIRA ~~CSLDME-597~~CSLD-768]: CRDM UHB-chapter 2.3.4.5
Report Configurations – Search/List Screen

Co-Managers information added

This screen contains a number of search fields. By inputting the relevant data, you can search for report configuration. The search results are displayed in a list. After selecting an entry, you can proceed further by clicking on the buttons below. **Duly authorised users can see and manage Report configuration under their datascope or configured for Cash Accounts they own or co-manage.**

378431 EUROSISTEM UPDATE [JIRA ~~CSLDME-597~~CSLD-768]: CRDM UHB-chapter 2.3.4.6
Report Configuration – Details Screen

Co-Managers information added

This screen displays detailed information on the selected report configuration. It also contains a number of fields regarding report configuration, for which you can enter new data or edit existing data. You can check the data and proceed further by clicking on the buttons below. There is no usage restriction for this screen. **Duly authorised users can see and manage Report configuration under their datascope or configured for Cash Accounts they own or co-manage.**

379432 EUROSISTEM UPDATE [JIRA ~~CSLDME-597~~CSLD-768]: CRDM UHB-chapter 2.3.4.67
Report Configuration – New/Edit Screen

Co-Managers information added

The screen has a slightly different behaviour depending on the function the user is submitting.

Duly authorised users can see and manage Report configuration under their datascope or configured for Cash Accounts they own or co-manage.

You can use this screen either in 2-eyes or in 4-eyes mode.

380433 EUROSISTEM UPDATE [JIRA [CSLDME-597](#)CSLD-768]: CRDM UHB-chapter 2.3.4.4 Message Subscription Rule – New/Edit Screen

Co-Managers information added

The screen "New/Edit Messages Subscription Rule" enables the user to create a new Messages Subscription Rule or to edit an existing one. A Messages Subscription Rule consists of grouped parameters; every parameter is of a specific Parameter Type. Each rule is a box and contains a set of boxes for the related groups. The users can add or drop an entire group or add or delete specific parameters inside a group. **Duly authorised users can refer, when managing a message subscription, to accounts ~~are~~ under their Party ownership or for which their party is configured as co-manager.** There is no usage restriction for this screen.

384434 EUROSISTEM UPDATE [internal review]: CRDM UHB-chapter 2.3.6.2 Distinguished Name-BIC Routing – New/Edit Screen

~~No~~ Co-manager ~~not~~ allowed when defining a DN BIC Routing ([TIPS/RTGS concept](#))

This screen enables the user to create a new link between an existing distinguished name (DN) and an existing Authorised BIC, Participant or Reachable Party's BIC. The couple (DN, BIC) can be managed by the Service Operator, NCBs, Ancillary Systems or Payment Banks.

NCBs can manage DN-BIC Routings within their own System Entities.

Payment Banks and Ancillary Systems can manage DN-BIC Routings that reference BICs authorised to act on their own accounts, ~~or on accounts for which they are defined as co-manager~~, and DNs linked to their own users (for TIPS) or to one of their Party Technical Addresses (for T2).

382435 EUROSISTEM UPDATE [INC000000271426]: CRDM UHB-chapter 3.4.1.4 Create a Party Service Link

Additional detail in the definition of the use case for creating a party service link

This section describes how to create a Party Service Link, which can be done only by NCB users. This screen is meant to link a party to a service, depending on the user business case. **It must be noticed that, in order to insert a party as Leading CLM Account Holder, it's necessary that this party is referenced in an already existing and active Party Service Link as account holder. Therefore, in order to have a Party Service Link configured with a Leading CLM Account Holder, it's necessary:**

- first to create a Party Service Link for the Party;
- then to modify the Party Service Link inserting the party itself as Leading CLM Account.

383436 EUROSISTEM UPDATE [SDD-CN 0025]: CRDM UHB-chapter 2.3.2.2 Cash Account – Details Screen

Clarification on usage of non-published flag

Non-published	Shows whether the cash account should be excluded from CLM Repository/RTGS Directory or not. If no value is specified, the cash account will be considered included/published.
---------------	--

384437 EUROSISTEM UPDATE [SDD-CN 0025]: CRDM UHB-chapter 2.3.2.3 Cash Account – New/Edit Screen

Clarification on usage of non-published flag

Non-published	Select whether the cash account should be excluded from CLM Repository/RTGS Directory or not. Reference for error message []: IDCC1540 IDCU1540 This field is only allowed for CLM and RTGS account types. If no value is specified, the cash account will be considered included/published.
---------------	--

385438 EUROSISTEM UPDATE [SDD-CN 0025/ PBI000000211905]: CRDM UHB-chapter 4.3.2.19 Cash Accounts – New/Edit Screen

Clarification on usage of credit-based only flag

DCU1420	Credit-Based Only field submit button	Invalid use of Credit-Based Only flag	When performing a Cash Account Update request, in case of request for creation of Additional Account Configuration, the Credit-Based Only flag: - must be TRUE for MCA, Overnight Deposit Account, RTGS DCA, RTGS sub-account, AS Guarantee Funds Account (unless owned by a CB), AS Technical Account (unless owned by a
---------	---------------------------------------	---------------------------------------	---

			<div>CB)</div> <div>- must be FALSE for CLM Dedicated Transit Account, Marginal Lending Account, CB ECB Account, ECB Mirror Account, RTGS Dedicated Transit Account</div> <div>- can be TRUE or FALSE for CLM CB Account, RTGS CB Account, Ancillary System Guarantee Funds Account (if owned by a CB), Ancillary System Technical Account (if owned by a CB).</div> <div>Whereas in case of request for update of Additional Account Configuration, the Credit-Based Only flag can be modified only for CLM CB Account, RTGS CB Account, Ancillary System Guarantee Funds Account (if owned by a CB), Ancillary System Technical Account (if owned by a CB).</div>
--	--	--	---

386439EUROSYSTEM UPDATE [Internal review]: CRDM UHB-chapter 2.3.2.2 Cash Account

- Details Screen

Labels renamed	
Automated Rule-based LT for Queued High Priority Payments	Shows whether the automated Rule-based LT for queued high priority payments is configured or not.
Automated Rule-based LT for Queued Urgent Priority Payments/AS Transfer Orders	Shows whether the automated Rule-based LT for queued urgent priority payments/AS transfer orders is configured or not.

387440EUROSYSTEM UPDATE [Internal review]: CRDM UHB-chapter 2.3.2.3 Cash Account

- New/Edit Screen

Labels renamed	
Automated Rule-based LT for Queued High Priority Payments	<div>Select whether the automated Rule-based LT for queued high priority payments is configured or not.</div> <div>This field can only be used for RTGS DCA and it is only allowed if "Associated LT Account" is used.</div>

	Reference for error message []: IDCC1440
Automated Rule-based LT for Queued Urgent Priority Payments/AS Transfer Orders	Select whether the automated Rule-based LT for queued urgent priority payments/AS transfer orders is configured or not. This field can only be used for RTGS DCA and it is only allowed if "Associated LT Account" is used. Reference for error message []: IDCC1440

BILL UDFS

388441 EUROSISTEM UPDATE [JIRA [CSLDME-611](#)~~CSLD-782~~]: page 30 (BILL UDFS - 1.5.8 Invoice creation).

Clarification about the invoice number pattern generated by BILL.

[BILL UDFS- 1.5.8 Invoice creation, page 205](#)

[...]

BILL generates a unique, unambiguous invoice number for each created invoice. The generated invoice number has a pattern that allows identifying the service and the Country-System Entity the invoice is issued for. The Country and Service are be identified in the first digits of the invoice number, such that invoice numbers within a country and service are increasing by increments of one, as for the following 35 digit pattern:

CCCSSXXXXXXXXXXXXXXXXXXXXXXXXXXXXX

CCC: country code, in the form of the numeric num-3 code described in the ISO 3166-1:2020. Due to the fact that the ECB is not included in the standard, then the code 001 will be used.
SS: Interested TARGET Service, as for the following table:

SS value	Service
01	TIPS
02	T2S
03	I2
04	ECMS

XXXXXXXXXXXXXXXXXXXXXXXXXXXXX: unique and sequential number for Country and Service, starting from 00000000000000000000000000000001

Some examples:

[illegible]

Since CSDs are not lined to any Country for definition, the Country will not be considered in the invoice number pattern with the removal of the country code and the enlargement of numeric part to 33 digit.

SSXXXXXXXXXXXXXXXXXXXXXXXXXXXX

In case two or more System Entities are configured for a specific Country (each of which refers to a different currency), then the same pattern will be applied: for a specific billing period, each of them will receive an invoice referred to the common country with increment of the sequence number.

[...]

ESMIG UDFS

389442 EUROSISTEM UPDATE [Remedy PBI000000209351]: page 27 (ESMIG UDFS – 1.5.4.2.1.1 Invalid digital signature); page 28 (ESMIG UDFS – 1.5.4.2.1.2 Timeout and oversized management); page 29 (ESMIG UDFS – 1.5.4.3 ReceiptAcknowledgement (admi.007.001.01))

Amendement of the correct version of admi.007, in order to be aligned with the MyStandards UGs.

ESMIG UDFS – 1.5.4.2.1.1 Invalid digital signature, page 27

$$\overline{[\dots]}$$

Example 1:

```
<?xml version="1.0" encoding="UTF-8"?>
<!--Digital signature check of an incoming message was not successful-->
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:DRAFT2admi.007.001.01">
  <RctAck>
    <MsgId>
      <MsgId>NONREF</MsgId>
    </MsgId>
    <Rpt>
```

[...]

ESMIG UDFS – 1.5.4.2.1.2 Timeout and oversized management, page 28

[...]

Example 2:

```
<?xml version="1.0" encoding="UTF-8"?>
<!--TARGET Service cannot respond to the query request within the timeout limit.-->
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:DRAFT3admi.007.001.01">
<RctAck>
  <Msgld>
    <Msgld>NONREF</Msgld>
  </Msgld>
  <Rpt>
```

[...]

Example 3:

```
<?xml version="1.0" encoding="UTF-8"?>
<!--TARGET Service cannot respond via message based network service due to size restriction-->
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:DRAFT3admi.007.001.01">
<RctAck>
  <MsgId>
    <MsgId>NONREF</MsgId>
  </MsgId>
</Rpt>
```

[...]

ESMIG UDFS – 1.5.4.3 ReceiptAcknowledgement (admi.007.001.01), page 29

[...]

```
<?xml version="1.0" encoding="UTF-8"?>
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:DRAFT2admi.007.001.01"
xmlns:xs="http://www.w3.org/2001/XMLSchema">
<RctAck>
  <MsgId>
    <MsgId>NONREF</MsgId>
  </MsgId>
</MsgId>
```

[...]

BDM UDFS

443 EUROSYSYSTEM UPDATE [Market review of UDFS v2.1.1]: page 25 (BDM UDFS - chapter 1.3.3.6 Event Maintenance Process – Diagram 10 – Event Insertion (Currency Specific))

Inclusion of currency code "XXX" in diagram to align to description.

Event B should be defined with Currency XXX as specified in the textual description.

ECONS II UDFS

[390444](#) EUROSISTEM UPDATE [Internal review]: page 14 (ECONS II UDFS - chapter 1.2.5 Graphical User Interface – Table 1 - ECONS II U2A functions)

New wording according comments received for "Screen documentation" review

New Transaction/Payment (excluding Liquidity Transfers)	Operator, CB, Participant Payment Bank
---	---

Task Queue (details, approve/revoke functionality)	Operator, CB, Participant Payment Bank
--	---

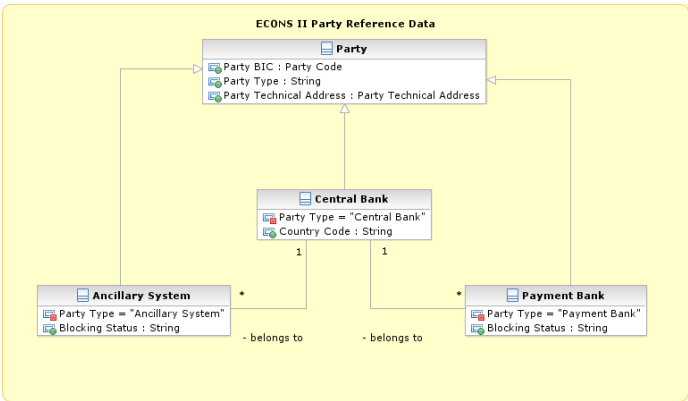
[391445](#) EUROSISTEM UPDATE [JIRA CSLDME-516-686]: page 16 (ECONS II UDFS - chapter 1.3.1.2 Concept of party in ECONS II)

Clarification

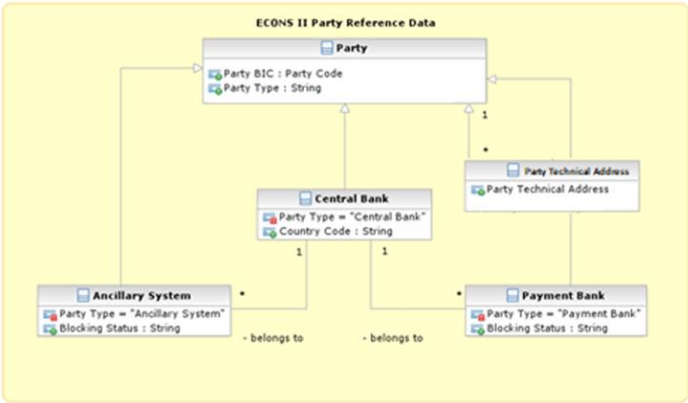
A **Payment Bank** represents an entity that ~~may~~ holds one, ~~and only one~~, or several Contingency Accounts.

[392446](#) EUROSISTEM UPDATE [internal review]: page 17 (ECONS II UDFS - chapter 1.3.1.5. Reference data for parties in ECONS II - Figure 3 – Party reference data model)

Figure modified to show Party Technical Address



Old

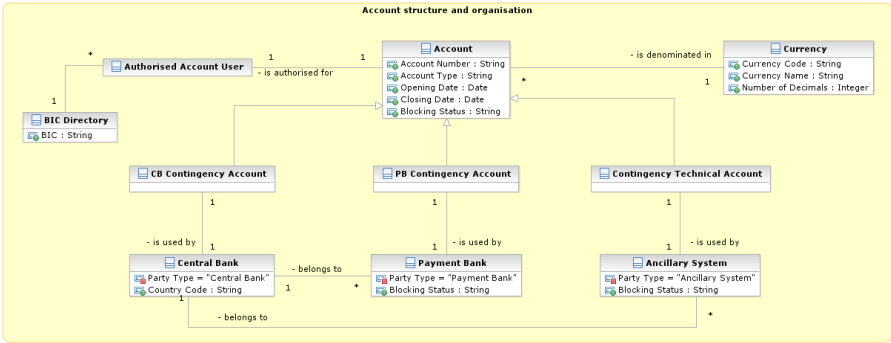


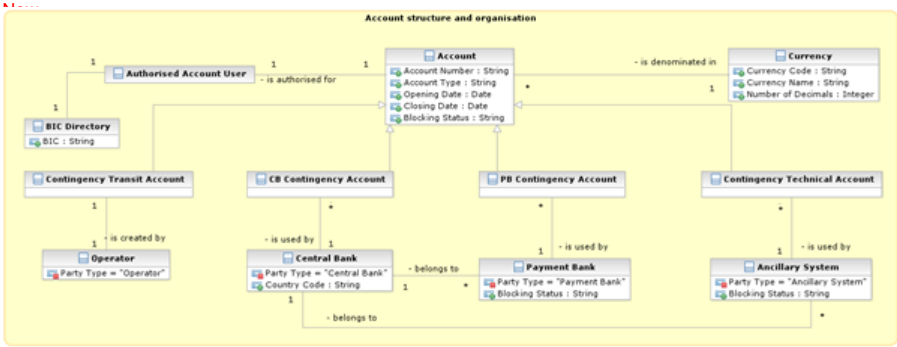
New

393447 EUROSISTEM UPDATE [Internal review]: page 19 (ECONS II UDFS - chapter 1.3.2. Accounts structure and organization – Figure 4)

"Contingency Transit Account" added in the figure and cardinality of some actors changed.

Old





394448 EUROSISTEM UPDATE [JIRA CSLDME-516CLSD-686]: page 19 (ECONS II UDFS - chapter 1.3.2.1. CB Contingency Accounts)

Clarification

Each CB shall have only one CB Contingency Account exclusively for its contingency settlement activities.

Each CB shall have only one CB Contingency Account exclusively for its contingency settlement activities. Each Central Bank may have as many CB Contingency Accounts as it has CLM CB Accounts, exclusively for its contingency settlement activities.

Each Central Bank Contingency Account shall be linked to a different CLM CB Account, i.e. no two Contingency Accounts can be linked to the same CLM CB Account in CRDM through the attribute Linked Account.

The CB Contingency Account inherits the AAU BIC of the linked CLM CB Account and it will be used for the balance sweep after the ECONS II closure.

395449 EUROSISTEM UPDATE [JIRA CSLDME-516CLSD-686]: page 20 (ECONS II UDFS - chapter 1.3.2.2. Payment Bank Contingency Accounts)

Clarification

Each Payment Bank may have ~~only one~~as many Contingency Accounts as it has MCAs, exclusively for its contingency settlement activities.

Each Payment Bank Contingency Account shall be linked to a different MCA, i.e. no two Contingency Accounts can be linked to the same MCA in CRDM through the attribute Linked Account.

The PB Contingency Account inherits the AAU BIC of the linked MCA and it will be used for the balance sweep after the ECONS II closure.

396450 EUROSISTEM UPDATE [JIRA ~~CSLDME-157~~CSLD-247]: page 20 (ECONS II UDFS - chapter 1.3.2.3. Contingency Technical Accounts)

Clarification

~~Each Ancillary System may have only one Contingency Technical Account exclusively for its contingency settlement activities.~~

Each Ancillary System can open one or several Contingency Technical Accounts. However, for contingency settlement, its BIC shall be linked to only one Contingency Technical Account. Of course, the AS may use another BIC (e.g. different branch code) to settle on a different Contingency Technical Account.

397451 EUROSISTEM UPDATE [~~ECB-4CB internal review~~JIRA ~~CSLD-697~~ and Internal review]: page 21 (ECONS II UDFS - chapter 1.3.2.5. Reference data for accounts in ECONS II)

Clarification

Each Contingency Account is linked to one and only one Actor; similarly, if settlement in non-euro currencies is activated in one of the Eurosystem Market Services, the relevant Contingency Transit Account may be mirrored in ECONS II (and owned by the respecting Central Bank). For the euro currency the European Central Bank owns the Contingency Transit Accounts related to other services (e.g., ~~T2S~~-TIPS).

Each Authorised Account User can be linked to one and only one Contingency Account. ~~It is worth noting that no dedicated Authorised Account User setup has to be captured in the CRDM for ECONS II. In fact, ECONS II shall inherit the Authorised Account User configuration already existing for CLM (i.e., from MCA and CLM CB Account). Therefore, as an example, when a Payment Bank Contingency Account is linked to an MCA, by means of the mandatory attribute "Linked Account", a link between the Payment Bank Contingency Account and the User BIC authorised to settle on the MCA will be propagated to ECONS II. As a result, the same User BIC of the MCA will be authorised to settle also on the linked Payment Bank Contingency Account.~~

398452 EUROSISTEM UPDATE [Internal review]: page 23 (ECONS II UDFS - chapter 1.4.1. Liquidity Transfer – Table 6 – Liquidity Transfer data)

New Status added

Status	Status of the Liquidity Transfer. Exhaustive list of possible values: ... Cancelled¹² ...
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¹² A Liquidity Transfer whose status is not yet final, will be moved to status 'cancelled' whenever either the business date change is triggered in ECONS II or the Contingency session is going to be closed,

~~399~~**453** EUROSISTEM UPDATE [Internal review]: page 24 (ECONS II UDFS - chapter 1.4.2.
Payment Order transaction - Table 7 – Payment Order transaction)

Clarification	
Status	Status of the Payment Order transaction ¹³ . Exhaustive list of possible values: Cancelled ¹⁴ ... Revoked (for 4-Eyes and Waiting for CB unblock)

~~400~~**454** EUROSISTEM UPDATE [Internal review]: page 27 (ECONS II UDFS - chapter 1.5.1.
General concepts)

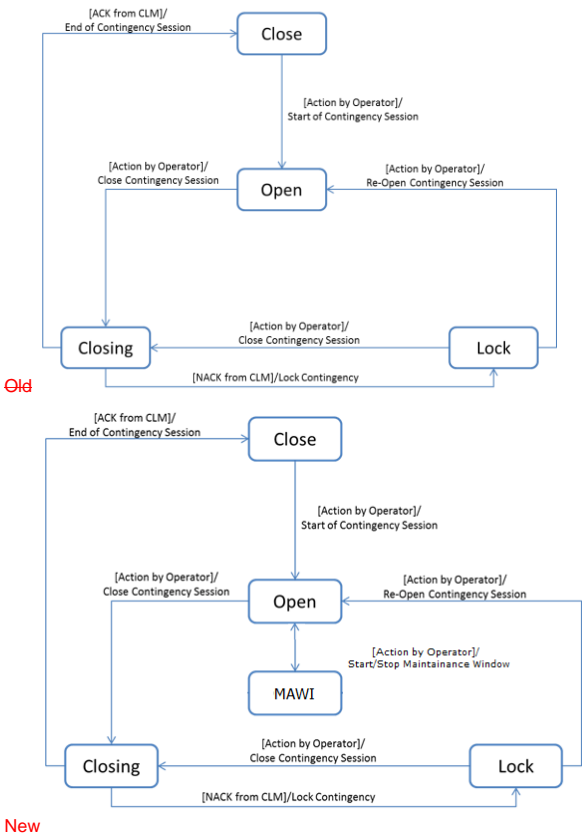
Clarification new status added

Upon request in order to stop the contingency processing without closing the session, e.g. (i) to deploy contingency fix or (ii) during the night when no business activity is expected, the Operator can activate the Maintenance Window in ECONS II (moving to status 'MAWI').

¹³ It is worth noting that a Payment Order transaction in waiting approval status which is approved by the responsible Central bank or by the Operator, is immediately submitted to settlement even if (i) a blocked account is detected or if agree/disagree functionality is activated.
¹⁴ A Payment Order transaction whose status is not yet final, will be moved to status 'cancelled' whenever either the business date change is triggered in ECONS II or the Contingency session is going to be closed,

401455 EUROSISTEM UPDATE [Internal review]: page 28 (ECONS II UDFS - chapter 1.5.1. General concepts - Figure 6 – Contingency component status diagram)

Figure modified to show status foreseen for Maintenance Window "MAWI".



402456 EUROSISTEM UPDATE [ECB-4CB internal review JIRA CSLD-697]: page 30 (ECONS II UDFS - chapter 1.5.2. Liquidity Management)

Clarification

Liquidity Transfers that debit/credit a Contingency Transit Account in ECONS II would require manual actions to be performed on the corresponding Eurosystem Market Infrastructure Services (e.g. TIPS or T2S) in order to mirror the transfer of liquidity occurred in ECONS II, according to operational procedures to be defined outside of the contingency component scope.

403457 EUROSISTEM UPDATE [ECB-4CB internal review JIRA CSLD-697]: page 31 (ECONS II UDFS - chapter 1.5.2.1. Inbound Liquidity Transfer)

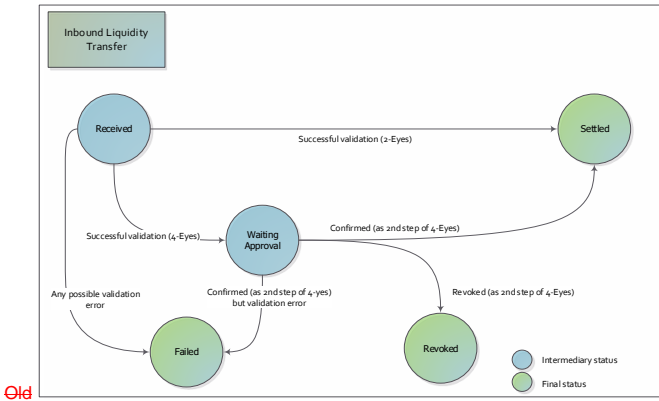
Clarification

Internal Inbound Liquidity Transfer orders, between a Contingency Transit Account (e.g. the one defined in ECONS II for TIPS ~~or T2S~~) {CR-64} and a Payment Bank Contingency Account denominated in the same currency, can be initiated by the European Central Bank (ECB) via U2A only, upon request.

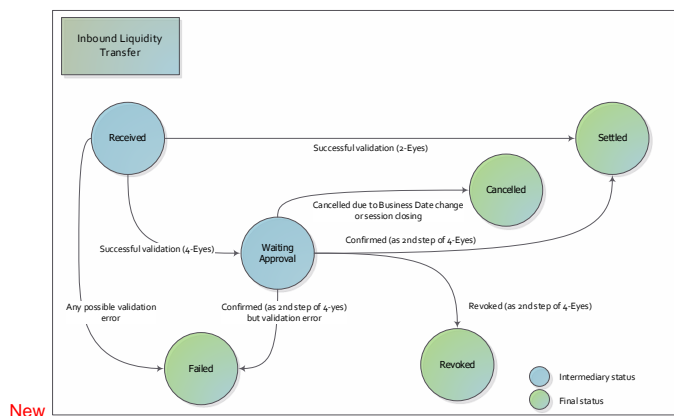
In fact, prior to the injection of such a Liquidity Transfer in ECONS II, the corresponding movement of liquidity shall have been settled in the originating service, e.g. in TIPS or in T2S¹⁵.

404458 EUROSISTEM UPDATE [Internal review]: page 32 (ECONS II UDFS - chapter 1.5.2.1. Inbound Liquidity Transfer - Figure 7 – Inbound Liquidity Transfer status diagram)

Figure modified to include the new status "Cancelled"



¹⁵ The transfer of liquidity from(to) T2S to(from) ECONS II relies on the CB Contingency Account instead of using a dedicated Contingency Transit Account for T2S.



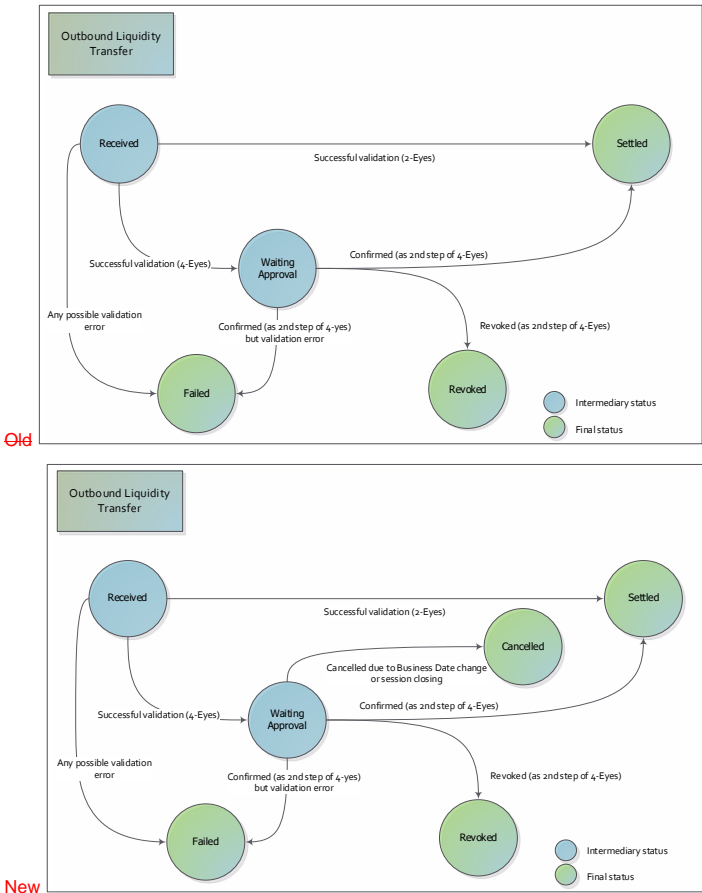
[459EUROSYSTEM UPDATE \[JIRA CSLD-697\]: page 33 \(ECONS II UDFS - chapter 1.5.2.2. Outbound Liquidity Transfer\)](#)

Clarification

Similarly to what has been defined for Inbound Liquidity Transfers, each responsible CB is also allowed to drain liquidity from one of its Payment Bank Contingency Account and credit an existing Contingency Transit Account (e.g., the one defined for TIPS or T2S) via U2A or A2A.

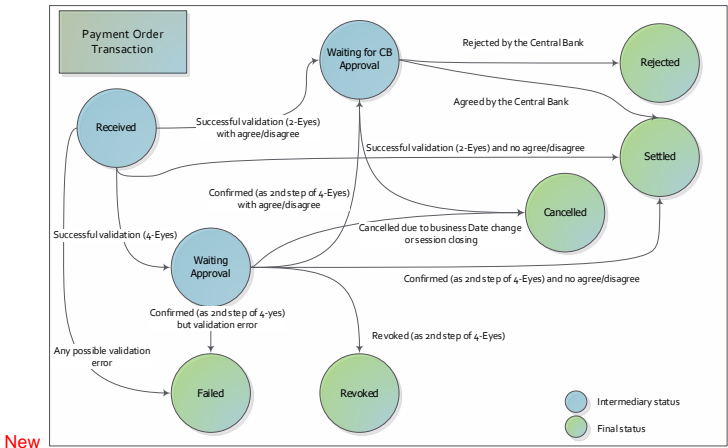
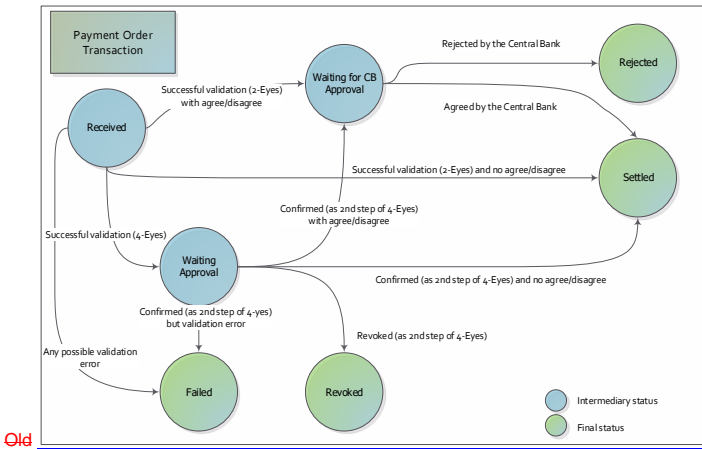
405460 EUROSISTEM UPDATE [Internal review]: page 33 (ECONS II UDFS - chapter 1.5.2.2. Outbound Liquidity Transfer - Figure 8 – Outbound Liquidity Transfer status diagram)

Figure modified to include the new status "Cancelled"



406461 EUROSISTEM UPDATE [Internal review]: page 35 (ECONS II UDFS - chapter 1.5.3. Settlement of Payment Orders transactions - Figure 9 – Payment Order Transaction status diagram)

Figure modified to include the new status "Cancelled"



407462EUROSYSTEM UPDATE [Internal review]: page 37 (ECONS II UDFS - chapter 1.5.4. Settlement of AS Transaction files)

Clarification

To allow the settlement of AS transaction files the Settlement Bank Account Group (SBAG), foreseen in RTGS, will be replicated in ECONS II according to the following rules:

- Starting from the RTGS DCA and sub-accounts included in the RTGS SBAG, the relevant linked CLM Account will be found. If no such a link exists, the relevant RTGS DCA and/or sub-accounts will not be taken into consideration for any ECONS II processing..
- From every linked CLM Account found at the previous step, the relevant Authorised Account User (AAU) BIC(s) and the linked ECONS II Contingency Account will be retrieved. If the link between the CLM Account and the Contingency Account does not exist, the relevant info will not be taken into consideration for any ECONS II processing.
- Every AAU BIC(s) and linked ECONS II Contingency Account(s), found in the previous step, will be propagated to ECONS II as Settlement Bank Account Group to be used for contingency settlement. Additionally, (i) the responsible Central Bank AAU BIC, (ii) the relevant CB Contingency Account, (iii) the AS Party BIC, (iv) the Technical Account AAU BIC and (v) the relevant Contingency Technical Account will also be propagated.

408463EUROSYSTEM UPDATE [Internal review]: page 39 (ECONS II UDFS - chapter 1.5.5.2. Contingency Account Creation)

Clarification mandatory info

- Owner BIC
- Participant BIC
- ...
- Responsible Central Bank (Country code)

464EUROSYSTEM UPDATE [Internal review]: page 41 (ECONS II UDFS - chapter 1.5.6.2. Contingency Account Creation)

Clarification

In case of a contingency session opened for several business days, the contingency component provides Statements of Accounts, in U2A mode only, with an overview of the transactions for the Central Banks, Payment Banks and Ancillary Systems within each End of day process to allow them to reconcile their transactions. An "export function" in the corresponding screen allows the user to download, after a query, the requested data¹⁶ (e.g. in .xls or .csv format). In case of a contingency session open and close into the same business day the contingency component sends out, in A2A mode and after the closure of the contingency session, a camt.053 to inform of the entries settled on

¹⁶ Possible limitations on the number of occurrences to be downloaded can be applied.

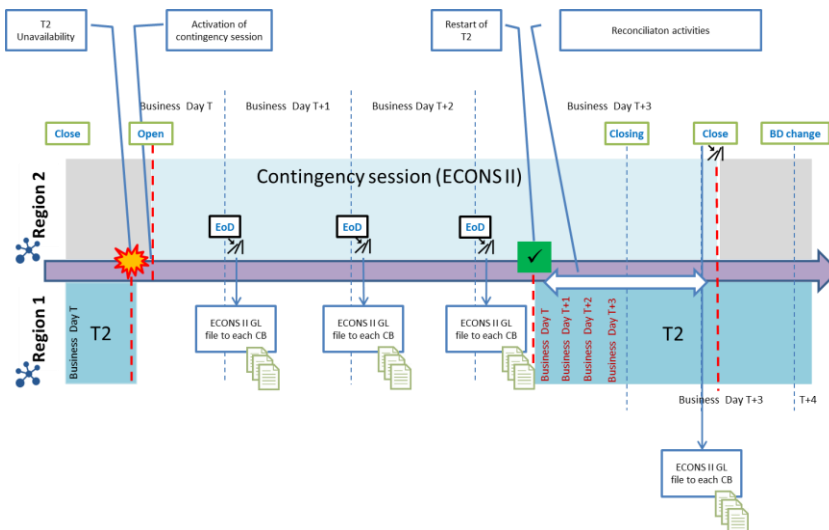
[ECONS II accounts along with account balance information at the time of the contingency session closure as an account statement.](#)

The [Error! Reference source not found. BankToCustomerStatement](#) message is also used for General Ledger reporting to CBs and to the ECB. This is described in section [Error! Reference source not found.1.5.8](#) and in the section related to the ISO message (i.e. camt.053).

409465 EUROSISTEM UPDATE [Internal review]: page 47 (ECONS II UDFS - chapter 1.6.1.2.

Reconciliation activities with business date change in ECONS II - Figure 12 – Contingency session spread over multiple business days)

Clarification on reconciliation



Old

[413469](#) EUROSISTEM UPDATE [Internal review]: page 64 (ECONS II UDFS - chapter 2.2.2.
Outbound Liquidity Transfer - Table 19 – Outbound Liquidity Transfer Order steps)

Business rules revision			
2		ECONS II	... ECO0007 (Duplicate check detection); ECO0023 (Check on sender); ECO0024 (Privilege check); ...

[414470](#) EUROSISTEM UPDATE [Internal review]: page 68 (ECONS II UDFS - chapter 2.3.
Payment Transactions)

Clarification			
Payments entered via file by the CB, on behalf of the AS, involving as debtor a blocked Payment Bank Contingency Account (in the datascope of the requestor CB) which are entered via file by CB the CB, on behalf of AS the AS, do not trigger the blocking check.			

[415471](#) EUROSISTEM UPDATE [Internal review]: page 69 (ECONS II UDFS - chapter 2.3.1.
Payment Order Transactions - Table 20 – Payment Order Transactions steps)

Business rules revision			
2		ECONS II	... ECO0007 (Duplicate check detection); ECO0023 (Check on sender); ECO0024 (Privilege check); ...

416472 EUROSISTEM UPDATE [Internal review]: page 81 (ECONS II UDFS - chapter 2.3.2.
AS Transfer Initiation - Table 21 – AS Transfer Initiation steps)

Business rules revision			
2		ECONS II	ECONS II successfully executes the following checks: ECO0003 (Check on consistency in the currency denomination of the Contingency Accounts); ECO0005 (Check on digits after decimal currency); ...
5	None (Status displayed only in the screen)	ECONS II	ECONS II executes the checks of step 7. The final status of the File is showed in U2A in case of query.

417473 EUROSISTEM UPDATE [Internal review]: page 89 (ECONS II UDFS - chapter 3.2.2.
Technical validation at transport and business level)

Hyperlink added			
Rejection occurring for both schema validation and additional technical validation check is reported in the same way, by using a ReceiptAcknowledgement <u>ReceiptAcknowledgement</u> .			

418474 EUROSISTEM UPDATE [Internal review]: page 90 (ECONS II UDFS - chapter 3.3.1.
List of messages - Table 26 – List of messages)

Hyperlink added			
admi.007 <u>admi.007</u>	ReceiptAcknowledgment	Error response	

419475 EUROSISTEM UPDATE [EDITORIAL]: page 91 (ECONSII UDFS – 3.3.2.1.2
ReturnAccount (camt.004)); page 94 (3.3.2.1.4 ReturnBusinessDayInformation (camt.019));
page 97 (3.3.2.1.5 Receipt (camt.025)); page 98 (3.3.2.1.6 LiquidityCreditTransfer (camt.050));
page 101 (3.3.2.2.1 BusinessApplicationHeader (head.001)); page 105 (3.3.2.4.1 AS Transfer
Initiation (pain.998))

Clarification on ECONSII field for camt.004, camt.019, camt.025, camt.050			
<u>ECONSII UDFS – 3.3.2.1.2 ReturnAccount (camt.004)), page 91</u>			
<i>Specific message content</i>			

MESSAGE ITEM	UTILISATION
[...]	[...]
Multilateral Balance Type Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Mul Bal/Tp/Cd	Specifies the nature of a balance which is being reported. OPNG (Opening balance) BLCK (Requirement for minimum reserve) ADJT (Adjustment balance for minimum reserve) PRAV (Running average for minimum reserve) CLSG (Closing balance) if the account is not active, but a balance greater than zero is still present, CLSG is used AVLB (Available liquidity (only MCA balance)) (If reservation for seizure of funds is set up, then available liquidity is already reduced by the seized amount.) CRRT (Current balance (also used in spillover notification)) DLOD (Daylight overdraft) credit line if granted only on default MCA NOTE (Timed payments (earmarked)) XPCD projected liquidity (only PDNG status is possible) LTSP (Liquidity transfer) (After final execution of all cash transfers and credit line changes with intermediate status this balance type reports the reached available liquidity) CRDT (sum of credits) DBIT (sum of debits)
Multilateral Balance Type Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Mul Bal/Tp/Prtry	Proprietary Code: FLOR CEIL: Not used in ECONSII
Multilateral Balance Status Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Mul Bal/Sts	Current status of a cash balance which is being reported. PDNG STLD
Value Date Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Mul Bal/ValDt/Dt	Business day
[...]	[...]

ECONSII UDFS – 3.3.2.1.4 ReturnBusinessDayInformation (camt.019)), page 94

MESSAGE ITEM	UTILISATION
[...]	[...]
System ID Document/RtrBizDayInf/RptOrErr/BizRpt/SysId/MktInfrstr ctrlId/Cd	CLM
Business Date Time Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/Bi zDayInf/SysDt/DtTm	Current business date and time of the last status update. <u>In case of closure of ECONSII, 9999-12-31 is returned</u>
<u>Currency</u> /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/Bi zDayInf/SysInfPerCcy/SysCcy	<u>Currency</u>
Status Identification Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/Bi zDayInf/SysInfPerCcy/EvtTp/Prtry/Id	Status of the system, in proprietary code CLSD - Close ACTV - Open SUSP – Lock

MESSAGE ITEM	UTILISATION
	CLSG – Closing MAWI – Maintenance Window
Scheduled Time Document/RctrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	<u>Same value reported in the Business Date Time Date and time of the change of the status</u>
[...]	[...]

ECONSII UDFS – 3.3.2.1.5 Receipt (camt.025)), page 97

MESSAGE ITEM	UTILISATION
[...]	[...]
Original message Identification Document/RctrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	Copy of the BizMsgIdr used in the BAH of the inbound message sent to ECONS II.
Status Code Document/RctrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	If ReqTp = VSTS, then then Error code. If ReqTp = SSTS, then Error Code or SSET (Settled).
Description Document/RctrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysInfPerCcy/Evt/SchldTm	If StsCd = Error code, then Error description.
[...]	[...]

ECONSII UDFS – 3.3.2.1.6 LiquidityCreditTransfer (camt.050), page 98

MESSAGE ITEM	BUSINESS RULES
Liquidity Credit Transfer Document/LqdyCdtTrf/LqdyCdtTrf	ECO0007 ECO0022 ECO0023 ECO0024
Amount Document/LqdyCdtTrf/LqdyCdtTrf/TrfdAmt/AmtWthCcy	ECO0003 ECO0005 ECO0006 ECO0027
Settlement date Document/LqdyCdtTrf/LqdyCdtTrf/SttlmDt	ECO0004
Creditor Account Identification Document/LqdyCdtTrf/LqdyCdtTrf/CdtrAcct/Id/Othr/ID	ECO0008 ECO0025
Creditor Document/LqdyCdtTrf/LqdyCdtTrf/Cdtr/FinInstnId/BICFI	ECO0008 ECO0025
Debtor Account Identification Document/LqdyCdtTrf/LqdyCdtTrf/DbtrAcct/Id/Othr/ID	ECO0025 ECO0026
Debtor Document/LqdyCdtTrf/LqdyCdtTrf/Dbtr/FinInstnId/BICFI	ECO0025 ECO0026

ECONSII UDFS – 3.3.2.2.1 BusinessApplicationHeader (head.001)), page 101

MESSAGE ITEM	BUSINESS RULES
Business Application Header Document/AppHdr	ECO0012
From BIC Document/AppHdr/Fr/FlId/FinInstnId/BICFI	ECO0009 ECO0010 ECO0050
Message type Document/AppHdr/MsgDefIdr	ECO0011

MESSAGE ITEM	BUSINESS RULES
Message Identifier Document/AppHdr/BizMsgldr	ECO0050
To BIC Document/AppHdr/To/Fld/FinInstId/BICFI	ECO0013

ECONSII UDFS – 3.3.2.4.1 AS Transfer Initiation (pain.998)), page 105

MESSAGE ITEM	BUSINESS RULES
[...]	[...]
End to End Identification Document/pain.998.001.01/PrtryData/T2PrtryData/PmtIn f/PmtTx/PmtId/EndToEndId	ECO0045
Amount Document/pain.998.001.01/PrtryData/T2PrtryData/PmtIn f/PmtTx/Amt/InstAmt	ECO0003 ECO0005 ECO0046 ECO0049
[...]	[...]
[...]	[...]

Specific message content

MESSAGE ITEM	UTILISATION
Proprietary Data Type Document/pain.998.001.01/PrtryData/Tp	Always "ASTransferInitiation"
Group Identification Document/pain.998.001.01/PrtryData/T2PrtryData/GrpH dr/Grpld	Value "NONREF" as the message ID is already part of the BAH. Reference assigned by business sender of the origin AS transfer order, to identify group of single transfers orders.
[...]	[...]

420476 EUROSISTEM UPDATE [Internal review]: page 94 (ECONS II UDFS - chapter
3.3.2.1.3 GetBusinessDayInformation (camt.018))

Hyperlink added

In response to the GetBusinessDayInformation message, a ~~ReturnBusinessDayInformation~~ **Error! Reference source not found.**ReturnBusinessDayInformation (camt.019) message containing the requested information is returned.

424477 EUROSISTEM UPDATE [JIRA ~~CSLDME-448~~CSLD-609]: page 100 (ECONSII UDFS –
3.3.2.1.7 BankToCustomerStatement (camt.053))

Statement Identification code used by ECONSII camt.053 GL.

ECONSII UDFS – 3.3.2.1.7 BankToCustomerStatement (camt.053), page 100

Specific message content

MESSAGE ITEM	UTILISATION
[...]	[...]
Document/BkToCstmrStmt/GrpHdr/MsgPgtnr/LastPgInd	Indicates the last page
Statement Identification Document/BkToCstmrStmt/Stmt/ID	Identification of the settlement service for which the general ledger is produced <u>CLM-Value "ECONS" is used.</u>
Creation date/time Document/BkToCstmrStmt/Stmt/CreDtTm	Timestamp when the statement was created
[...]	[...]

478EUROSYSTEM UPDATE [Internal review]: page 100 (ECONSII UDFS – 3.3.2.1.7 BankToCustomerStatement (camt.053))

Alignment to CLM schema.

Specific message content

MESSAGE ITEM	UTILISATION
[...]	[...]
<u>Document/BkToCstmrStmt/GrpHdr/MsgPgtnr/PgNb</u>	<u>Page number</u>
<u>Document/BkToCstmrStmt/GrpHdr/MsgPgtnr/LastPgInd</u>	<u>Indicates the last page</u>
<u>Creation date/time</u> <u>Document/BkToCstmrStmt/Stmt/CreDtTm</u>	<u>Timestamp when the statement was created</u>
[...]	[...]
<u>Entry ID</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/NtryRef</u>	<u>Identifies the settlement service to which the posting applies</u> <u>Not returned by ECONS II</u>
<u>Amount</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/Amt</u>	<u>Entry amount</u> <u>Not returned by ECONS II</u>
<u>Credit debit ind</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/CrdDbtInd</u>	<u>Credit debit indicator for entry amount</u> <u>Not returned by ECONS II</u>
<u>Status</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/Sts/Cd</u>	<u>Entry status</u> <u>BOOK</u> <u>Not returned by ECONS II</u>
<u>Booking datetime</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/BookgDt/DtTm</u>	<u>Date and time the entry was posted on an account</u> <u>Business day date</u> <u>Not returned by ECONS II</u>
<u>Value date</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/ValDt/Dt</u>	<u>Value date</u> <u>Not returned by ECONS II</u>
<u>Bank transaction code</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/BkTxCd/Prtrv/Cd</u>	<u>Transaction code</u> <u>PMNT</u> <u>Not returned by ECONS II</u>
<u>Instruction ID</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Unique reference set by the instructing party</u> <u>Not returned by ECONS II</u>
<u>Accitional Entry Information</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/AddtlNtryInf</u>	<u>Used to populate country code of CB counterpart of the cross-CB turnover</u> <u>Not returned by ECONS II</u>

422479 EUROSISTEM EUROSISTEM UPDATE [SDD-PBR-029 PBI-212953]: page 105
(ECONSII UDFS-chapter 3.3.2.4.1 AS Transfer Initiation (pain.998))

The AS instructs RTGS to perform processing of AS transfer orders with dedicated settlement procedures. The information to instruct a certain settlement procedure is provided in element <SettlementModelType> of pain.998_ASTI. After processing of AS transfer orders, RTGS provides the initiating AS with information about settlement procedure used for processing in RTGS. The related reporting messages are pain.998_ASInitiationStatus and pain.998_ASTransferNotice.

ECONSII UDFS-chapter 3.3.2.4.1 AS Transfer Initiation (pain.998) page 105
 "Hyperlink to MyStandards UGs for ECONSII to be updated."

423480 EUROSISTEM UPDATE [Internal review]: page 109 (ECONS II UDFS - chapter 4.1.
Business Rules and Error Codes)

Business rules revision

ECO0003	Currency must denominate the same currency as Contingency Accounts indicated for posting.	camt.050 pain.998	camt.025	E003	Currency does not denominate the same currency as accounts indicated for posting.
ECO0005	The digits after the decimal point must not be more than foreseen for the given currency.	camt.050 pain.998	camt.025	E005	More digits after the decimal point than maximally foreseen for the currency
ECO0006	The amount must be greater than zero if it is not an automated liquidity transfer order.	camt.050	camt.025	E006	The amount is lower than or equal to zero
ECO0007	A Liquidity transfer order where all the following fields are duplicated will be detected as a duplicate:	camt.050	camt.025	E007	The instruction was detected as a duplicate

	<p>-Requestor</p> <p>-Message ID /taken from the BAH)</p> <p>-transaction ID</p> <p>-EndtoEnd ID</p> <p>-Settlement Date (current business date)</p>				
ECO0008	In case of External Inbound LT (i.e. generated by ECMS), the credited account shall be in the datascope of the debited CB.	camt.050	camt.025	E008	The credited Contingency Account shall be in the data scope of the requestor CB
ECO0009	The technical sender (=DN) must be allowed to send messages for the business sender (=head.004 "From")	head.004	admi.007	E009	The technical sender is not allowed to send messages for the business sender
ECO0010	The business sender must be known to the service.	head.004	admi.007	E010	The business sending user is unknown to the service.
ECO0013	The XML element "To" in the BAH in inbound messages must specify the BIC for all ECONS II messages.	head.004	respective outbound business message for received inbound message	E013	BIC in "To" is not allowed.
ECO0025	In case the mandatory fields <CdtrAcct> and <DbtrAcct> are populated with creditor and debtor Contingency Accounts, then these accounts must be active in ECONS II. In case they are populated with codeword "NONREF", then BICs, active in ECONS II, must be present in optional fields <Cdtr> and <Dbtr>.	camt.050	camt.025	X050	Data not found
ECO0035	Optional sequence InitgPty is mandatory if the sender is a CB acting on behalf.	pain.998	n.a. (only via U2A)	E035	Requested field missing in input
ECO0036	Optional sequence InitgPty is mandatory if the sender is a CB acting on behalf. Mandatory BIC inserted in field InitgPty must be an active AS	pain.998	n.a. (only via U2A)	E036	Invalid Account

[424481](#) EUROSISTEM UPDATE [Internal review]: page 121 (ECONS II UDFS - chapter 4.4.

List of acronyms)

New acronyms added.

AAU	Authorised Account User
MCA	Main Cash Account
SBAG	Settlement Bank Account Group
LT	Liquidity Transfer

[482](#) EUROSISTEM UPDATE [Editorial changes stemming from ECB-TSWG comments]: page 43 (BDM UDFS – 4.1 Business Rules and Error Codes); page 160 (CRDM UDFS – 3.1.1.1.2 Schema); page 180 (CRDM UDFS – 3.1.1.7.3 The message in business context); page 190 (CRDM UDFS – 3.1.1.11.3 The message in business context); page 192 (CRDM UDFS – 3.1.1.12.3 The message in business context); page 198 (CRDM UDFS – 3.1.2.3.1 Overview and scope of the message); page 204 (CRDM UDFS – 3.1.2.6.1 Overview and scope of the message); page 207 (CRDM UDFS – 3.1.2.7.1 Overview and scope of the message); page 208 (CRDM UDFS – 3.1.2.7.3 The message in business context); page 213 (CRDM UDFS – 3.1.3.2.3 The message in business context); page 221 (CRDM UDFS – 3.1.3.6.2 Schema); page 224 (CRDM UDFS – 3.1.3.7.3 The message in business context); page 225 (CRDM UDFS – 3.1.3.8.3 The message in business context);

Corrections Stemming from ECB-TSWG UDFS review phase

BDM UDFS – 4.1 Business Rules and Error Codes), page 48

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text
[...]	[...]	[...]	[...]	[...]	[...]
IIMP118	For the user query 'Status of settlement day query (STAT)' the following search criterion only is allowed: - Business date	camt.018	camt.019	REJT	While referring to the query Status of settlement day query (STAT), the selected search criteria are invalid.
[...]	[...]	[...]	[...]	[...]	[...]

CRDM UDFS – 3.1.1.1.2 Schema, page 160

[...]

[StandingOrderIdentification](#)

This block is mandatory and provides with all the key information to identify an existing Liquidity transfer Order to be amended or a new Liquidity transfer Order to be created.

[...]

[CRDM UDFS – 3.1.1.7.3 The message in business context, page 180](#)

[...]

Usage case example: [TIPSUpdateLimit example.xml](#)

[In this example a CB with BIC "BITAITRRXXX" requests the update of Indirect Bilateral limit set for the account "ACC001" \(owned to the PB "UNCRITMMXXX" \) for CMB user is requested.](#)

[...]

[CRDM UDFS – 3.1.1.11.3 The message in business context, page 190](#)

[...]

Usage case example: [Direct Debit MandateQuery example.xml](#)

[In this example, Direct Mandates on the account "ACCID001" for RTGS Service are requested.](#)

[...]

[CRDM UDFS – 3.1.1.12.3 The message in business context, page 192](#)

[...]

Usage case example: [DirectDebitMandateReportReport example.xml](#)

[In this example, detailed information on the Direct Debit existing on the account "ACCID001" for RTGS Service are reported.](#)

[...]

[CRDM UDFS – 3.1.2.3.1 Overview and scope of the message, page 198](#)

[...]

[In response, CRDM sends an AccountRequestAcknowledgement \(acmt.010\) or AccountRequestRejection AccountRequestAcknowledgement \(acmt.011\) messages respectively when the opening of the Cash Account has been successfully processed or queued and when the opening has been rejected.](#)

[...]

[CRDM UDFS – 3.1.2.6.1 Overview and scope of the message, page 204](#)

[...]

In response, CRDM sends an [AccountRequestAcknowledgement \(acmt.010\)](#) or [AccountRequestRejection AccountRequestAcknowledgement \(acmt.011\)](#) messages respectively when the update of the Cash Account has been successfully processed or queued and when the update has been rejected.

[...]

[CRDM UDFS – 3.1.2.7.1 Overview and scope of the message, page 207](#)

[...]

In response, CRDM sends an [AccountRequestAcknowledgement \(acmt.010\)](#) message when the delete of the Cash Account has been successfully either queued or processed or an [AccountRequestRejection AccountRequestAcknowledgement \(acmt.011\)](#) when the deletion has been rejected.

[...]

[CRDM UDFS – 3.1.2.7.3 The message in business context, page 208](#)

[...]

MESSAGE ITEM	UTILISATION
Identification Document/AcctClsqReq/AcctId/Id/Othr/Id	Identification of the account.
RemovalIndicator Document/AcctClsqReq/CtrctDts/RmvIInd	Indicator for the deletion of the account.

[...]

[CRDM UDFS – 3.1.3.2.3 The message in business context, page 213](#)

[...]

MESSAGE ITEM	UTILISATION
PartyIdentification Document/PtyRpt/RptOrErr/PtyRpt/PtyId	Identification of the party to be reported
OpeningDate Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/OpeningDt	Opening date for the party
ClosingDate Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/ClosingDt	Closing date for the party
Type Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/TypeCd	Party type
TechnicalAddress Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/TechnicalAdr/TechAdr	Technical addresses for the party
Identification Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/PartyId/Id/Id/AnyBIC	Party code for the party
Name Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/Name	Long and short names for the party
Address	Address for the party

Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/Adr	
Restriction	Restrictions issued on the party
Document/PtyRpt/RptOrErr/PtyRpt/PtyOrErr/SysPty/Rstrctn	

[...]

[CRDM UDFS – 3.1.3.6.2 Schema, page 221](#)

[...]

[OperationalErrorBusinessError](#)

[This building block is optional. It provides the reason why the requested information can not be given.](#)

[...]

[CRDM UDFS – 3.1.3.7.3 The message in business context, page 224](#)

[...]

[Usage case example: Calendar Query example.xml](#)

[In this example, the RTGS calendar for December 2018 for currency EUR is requested.](#)

[...]

[CRDM UDFS – 3.1.3.8.3 The message in business context, page 225](#)

[...]

[Usage case example: CalendarReport example.xml](#)

[In this example, the RTGS calendar for December 2018 for currency EUR is reported.](#)

[...]

[483EUROSYSTEM UPDATE \[Internal Review\]: page 105 \(ECONSII UDFS-chapter 3.3.2.4.1 AS Transfer Initiation \(pain.998\)\)](#)

[Update of the MyStandards link in order to report the correct UGs.](#)

[ECONSII UDFS-chapter 3.3.2.4.1 AS Transfer Initiation \(pain.998\) page 105](#)

[“Hyperlink to MyStandards UGs for ECONSII to be updated.”](#)

[484EUROSYSTEM UPDATE \[TIPS CR0033\]: MyStandards T2-CoCo – CashAccountManagement – acmt.007; MyStandards T2-CoCo – CashAccountQueryReport – acmt.025, acmt.026; page 187 \(CRDM UDFS-chapter 3.1.2.1.2 Schema\); page 190 \(CRDM UDFS-chapter 3.1.2.2.2 Schema\); page 192 \(CRDM UDFS-chapter 3.1.2.3.2 Schema\); page 195 \(CRDM UDFS-chapter 3.1.2.4.2 Schema\); page 197 \(CRDM UDFS-chapter 3.1.2.5.2 Schema\);](#)

[page 198 \(CRDM UDFS-chapter 3.1.2.6.2 Schema\): page 201 \(CRDM UDFS-chapter 3.1.2.7.2 Schema\):](#)

Addition of the new account type in the MyStandards UGs for acmt.025, acmt.026, acmt.007 and update of the MyStandards link in the CRDM UDFS.

MyStandards T2-CoCo – CashAccountManagement – acmt.007
[Addition of the Cash Account Type TAST \(TIPS AS Technical Account\) to the field /Document/AcctOpngReq/AcctTp/Prtry](#)

MyStandards T2-CoCo – CashAccountQueryReport - acmt.025
[Addition of the Cash Account Type TAST \(TIPS AS Technical Account\) to the field /Document/AcctQryList/AcctSchCrit/Tp/Prtry](#)

MyStandards T2-CoCo – CashAccountQueryReport - acmt.026
[Addition of the Cash Account Type TAST \(TIPS AS Technical Account\) to the field /Document/AcctListRpt/RptOrErr/AcctRpt/AcctTp/Prtry](#)

[CRDM UDFS-chapter 3.1.2.1.2 Schema, page 187](#)
[“Hyperlink to MyStandards UGs for CRDM to be updated.”](#)

[CRDM UDFS-chapter 3.1.2.2.2 Schema, page 190](#)
[“Hyperlink to MyStandards UGs for CRDM to be updated.”](#)

[CRDM UDFS-chapter 3.1.2.3.2 Schema, page 192](#)
[“Hyperlink to MyStandards UGs for CRDM to be updated.”](#)

[CRDM UDFS-chapter 3.1.2.4.2 Schema, page 195](#)
[“Hyperlink to MyStandards UGs for CRDM to be updated.”](#)

[CRDM UDFS-chapter 3.1.2.5.2 Schema, page 197](#)
[“Hyperlink to MyStandards UGs for CRDM to be updated.”](#)

[CRDM UDFS-chapter 3.1.2.6.2 Schema, page 198](#)
[“Hyperlink to MyStandards UGs for CRDM to be updated.”](#)

[CRDM UDFS-chapter 3.1.2.7.2 Schema, page 201](#)
[“Hyperlink to MyStandards UGs for CRDM to be updated.”](#)

DWH UDFS

485EUROSYSTEM UPDATE [ECB/TSWG review]: page 9 (DWH UDFS-chapter 3.1 Overview)

Correct type "address" and "technical addresses"

[..]
the report will always be sent to the default party technical address of the Co-manager. For more details on DNs, technical addresses and the setup of routing
[..]

486EUROSYSTEM UPDATE [ECB/TSWG review]: page 9 (DWH UDFS-chapter 3.1 Overview)

Add length and format to the table and correct type in description of <DWHRptID> "unabigously"

Tag	Description	Format/length
<DWH RptRcp tID>	BIC of the report recipient party	CHAR (11)
<DWH Usr>	User login name of the user, that scheduled the report. It is the same as used in ESMIG for logging in.	INTE GER
<DWH PtySrv Link>	Contains the service, whose data are transported in the report. Possible values: • T2 C (T2 service) • T2S (T2S service)	CHAR (4)

Tag	Description	Format/length
<DWH RptName>	Name of the report (first 35 characters). For predefined reports it is the name of the report as described in chapter Predefined reports []. Error! Bookmark not defined. for user-defined report it is the name provided by the user when setting up the report in the DWH.	CHAR (35)
<DWH RptID>	A technical identifier unique for this report instance provided by the DWH – in case of problems it enables the operational team to unambiguously identify the report.	CHAR (35)
<DWH RptContent>	Contains the report itself in the chosen format.	BLOB

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Change format/length for <DWHUsr> after ECB review

Tag	Description	Format/length
<DWH RptRecipientID>	BIC of the report recipient party	CHAR (11)
<DWH Usr>	User login name of the user, that scheduled the report. It is the same as used in ESMIG for logging in.	INTEGER CHAR (35)

488EUROSYSTEM UPDATE [ECB/TSWG review]: page 11 (DWH UDFS-chapter 3.2 Types, sharing and storage)

Add "shared" to the description about the folder

[..]

For the use of this functionality the report needs to be copied first to the individual or shared user dedicated folder and the advanced user profile must be granted (which is however only applicable for CB users).

[..]

All adaptable and user defined DWH reports can be stored for later adaptation and use. CB advanced users can store these reports in an individual or shared dedicated folder.

489EUROSYSTEM UPDATE [ECB/TSWG review]: page 12 (DWH UDFS-chapter 3.3 Examples for A2A delivery of DWH reports)

Add example for csv file opened in notepad

[..]

This example represents the predefined DWH report in CSV format and opened in Excel. The next figure represents a predefined DWH report in CSV format opened with notepad.

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Figure x: Example for A2A delivery in csv format and opened in notepad

490EUROSYSTEM UPDATE [ECB/TSWG review]: page 13 (DWH UDFS-chapter 3.3 Examples for A2A delivery of DWH reports)

Add information about delimiter and character set

[..]

The csv format support Unicode data across many client operating systems and are UTF-16 Little Endian data encoded. It includes a BOM (Byte Order Mark) at the beginning of the file and is Tab-delimited. The csv format do not enclose strings in quotation marks and use a new line character to delimit rows. The character set and delimiter are fixed and can not be changed.