

General Information (Origin of Request)		
<input type="checkbox"/> User Requirements Document (URD) <input checked="" type="checkbox"/> User Detailed Functional Specification (UDFS) <input type="checkbox"/> User Handbook (UHB) <input type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: 4CB	Institute: 4CB	Date raised:
Request title: Multiplex Editorial Change Request on UDFS v2.2		Request ref. no: CSLD-0081-SYS
Request type: Common		
1. Legal/business importance parameter:	2. Market implementation efforts parameter – Stakeholder impact:	
3. Operational impact:	4. Financial impact parameter:	
5. Functional/ Technical impact:	6. Interoperability impact:	
Requestor Category: Eurosystem		Status: Approved

Description of requested change:

Editorial changes regarding Central Liquidity Management UDFS v2.2, Common Reference Data Management UDFS v2.2, Enhanced Contingency Solution UDFS v2.2, Real-Time Gross Settlement UDFS v2.2, MyStandards Usage Guidelines and MyStandards Examples.

Reason for change and expected benefits/business motivation:

The editorial changes listed below are related Central Liquidity Management UDFS v2.2, Common Reference Data Management UDFS v2.2, Enhanced Contingency Solution UDFS v2.2, Real-Time Gross Settlement UDFS v2.2, MyStandards Usage Guidelines and MyStandards Examples. Their incorporation into the UDFS v2.2 is required for clarifying the documentation underlying the software. Please note that the changes referring to UDFS v2.2 will also be reflected, when relevant, into the schema documentation published in MyStandards.

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Proposed wording for the Change request:

CLM

1 EUROSYSTEM UPDATE [JIRA CSLDME-1089]: page 37 (CLM UDFS-chapter 2.5 Communication between CLM and CLM Actors)

Clarification on determination of outbound communication channel for payment instructions.
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Table 3 - Deduction of PTA

CLM business data exchanges	Communication channel	Deduction of PTA
Notification as response to an instruction	Store-n-forward message – based <u>Store-n-forward File - based</u>	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.
[...]		
Revocation of payment orders and rejection of cash transfer orders	Store-n-forward message based <u>Store-n-forward File - based</u>	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).

2 EUROSYSTEM UPDATE [SDD-CN0035]: page 45 (CLM UDFS-chapter 3.2 Accounts structure and functionalities)

Adding "CLM Technical Account for ECONS II" in the list of accounts.

[...]

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

- MCAs;
- CLM dedicated transit accounts;
- CLM CB accounts;
- overnight deposit accounts;
- marginal lending accounts;
- CB ECB accounts;
- ECB mirror accounts—;
- **CLM technical account for ECONS II**

3 EUROSYSTEM UPDATE [SDD-CN0035]: page 46 (CLM UDFS-chapter 3.2.1 Account types)

Short description for "CLM technical account for ECONS II".

After the paragraph: ECB mirror account

CLM technical account for ECONS II:

The CLM technical account for ECONS is set up in CRDM. It is needed for the settlement of balances from ECONS II in CLM on the ECONS II closing date.

4 EUROSYSTEM UPDATE [Internal review]: page 56 (CLM UDFS-chapter 3.2.6 Closing of accounts still containing a balance)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[..]

In case:

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

[...]

On the other side this balance is credited on the default CB Account of the CB the CLM Account Holder belongs to (see chapter Process business day event "~~CB cut-off for marginal lending on request~~" "CB cut-off for standing facilities") [Link]

5 EUROSYSTEM UPDATE [Internal review]: page 84 (CLM UDFS-chapter 4.4.4 End-of-day period (18:00 – 18:45 CET))

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

Table 20 - Events and processes during EoD

CLM processes/EoD cut-offs	Events and description of the processes
[...]	
Calculation of aggregated EoD balances for automatic marginal lending	After the event "CB cut-off for marginal lending on request" <u>"CB cut-off for standing facilities"</u> CLM calculates the aggregated EoD balance of a CLM Account Holder under consideration of liquidity positions in other settlement services ²⁶ received in the general ledgers.
Automatic marginal lending	The automatic marginal lending is triggered by CLM if the calculated aggregated balance of a CLM Account Holder is negative after the event "CB cut-off for marginal lending on request" <u>"CB cut-off for standing facilities"</u> .

6 EUROSYSTEM UPDATE [Internal review]: page 87 (CLM UDFS-chapter 4.5 List of events)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

Table 21 - List of events

Period	Event	Code	Time-based	Standing order	Push ReturnBusinessDayInformation (camt.019)	Multi-currency
EoD						
[...]						
	"CB cut-off for marginal lending on request" <u>"CB cut-off for standing facilities"</u>	CCML	Yes	No	No	Currency specific ³¹

7 EUROSYSTEM UPDATE [Internal review]: page 95 (CLM UDFS-chapter 5.3.3 Warehoused payment orders)

Clarification on used timestamp in case of warehoused payments.

[...]

Processing on the intended settlement day

On the intended settlement day with the start of the settlement window for the respective payment order type (i.e. credit transfer orders and direct debit orders), the warehoused payment orders are processed. The timestamp is set when the business validations are performed. During each revalidation process the timestamp is adapted.

[...]

8 EUROSISTEM UPDATE [ECB JIRA Ticket CSLDME-1100]: page 138 (CLM UDFS-chapter 5.5.5 Generate payment orders)

Correction of chapter 5.5.5 with regards to MLIN examples.

[...]

In case of interest to be paid to the CLM Account Holder, the (leading) CLM Account Holder's default MCA is credited and the CB Account is debited ~~by creating a credit transfer (FinancialInstitutionCreditTransfer (CORE) (pacs.009) [600]).~~

In case of interest to be paid by the CLM Account Holder, the (leading) CLM Account Holder's default MCA is debited and the CB Account is credited ~~by using a direct debit (FinancialInstitutionDirectDebit (pacs.010) [610]).~~

9 EUROSISTEM UPDATE [Internal review]: page 141 (CLM UDFS-chapter 5.6.2.2 Before launch of ECMS)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

A reverse of a settled marginal lending on request is only possible by the operator on behalf of the CB via U2A before the business day event ~~"CB cut-off for marginal lending on request"~~ "CB cut-off for standing facilities".

[...]

10 EUROSISTEM UPDATE [Internal review]: page 143 (CLM UDFS-chapter 5.6.3.1 Overview)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

An overall negative balance on the MCA of a CLM Account Holder after the event ~~"CB cut-off for marginal lending on request"~~ "CB cut-off for standing facilities" shall automatically be considered as a request by this CLM Account Holder for recourse to the marginal lending facility.

[...]

11 EUROSISTEM UPDATE [Internal review]: page 163 (CLM UDFS-chapter 5.9 The life cycle of a business case – *new chapter*)

Introduction of information on the life cycle of a business case.

5.9 The life cycle of a business case

5.9.1 Concept

A business case groups all messages, cash transfer (orders) and/or tasks linked to a party's order (initiated via U2A or A2A) or a system-generated activity based on party configuration. It is identified by a unique identifier dynamically assigned by CLM to the business case, adopts different processing states during its lifecycle and is related to one or more entities depending on the underlying business case (e.g. payment or change of credit line).

These possible entities are

- inbound file (only for initiation with Business File Header (head.002)).
- inbound message (only for initiation via A2A).
- cash transfer (order).
- task (e.g. resulting from modifications of the cash transfer) and
- outbound message.

All these entities share the same unique Business Case ID.

The current processing state of each linked entity is described by its own status. For further information on status values and possible status transitions please refer to chapter 5.7.1.3 'Status management process'. The status of a cash transfer in combination with the information on related entities provides the possibility to track the whole life cycle of a cash transfer.

5.9.2 Business Case ID specificities

An inbound file is completely processed after its successful splitting. Thus the business case for the inbound file is finalised after splitting. CLM handles each single message (extracted from the inbound file) separately.

When CLM receives an inbound message including a cash transfer order, it assigns a unique Business Case ID to this message. If an outbound message is created for these cash transfers then the same Business Case ID is assigned to the outbound message.

Any modification of a cash transfer order is represented by a task in CLM which inherits the Business Case ID from the cash transfer order to be modified. If the modification is instructed through a ModifyTransaction (camt.007) message then this message is assigned the same Business Case ID as the inbound message of the relevant cash transfer order. This Business Case ID is also allocated to the resulting Receipt (camt.025) message. Thus all messages related to this business case can be searched for within CLM by using the Business Case ID.

If CLM receives a FIToFIPaymentCancellationRequest (camt.056) message including a revocation, then this message is assigned the Business Case ID of the cash transfer order to be revoked. In case there is no match or it is in a final status or it is not successfully validated, then a new Business Case ID is assigned.

A BankToCustomerStatement (camt.053) message includes the Business Case ID in the entry details for every cash transfer not containing an instruction Id or End-to-End ID. Details are provided in BankToCustomerStatement (camt.053).

The Business Case ID is always unique within CLM. An inter-service liquidity transfer received by RTGS and subsequently processed in CLM gets two different Business Case IDs: one is created within RTGS and one is created within CLM. RTGS and CLM do not 'share' the same Business Case ID for the inter-service liquidity transfer.

5.9.3 Cash Transfer Category and Business Case Codes for various features

A Business Case Code is a four-letter code indicating the business context of a business case related to a cash transfer or a credit line modification. A Business Case Code classifies a Business Case but does not clearly identify it (several Business Cases may share the same Business Case Code)

CLM uses codes for various cases:

- For message subscription, CLM sends a debit notification or credit notification (camt.054) to a business receiver if the account holder has subscribed for the message in CRDM. It is used to confirm the credit or debit of a certain entry on one of the account holder's CLM cash accounts.
- For provision of entry details in camt.053 and camt.054
- For cash transfer query and query response (camt.005 and camt.006)

In the context of U2A and A2A cash transfer queries and query responses, the cash transfer category is a four-letter code indicating the business context of each cash transfer.

12 EUROSISTEM UPDATE [CSLDME-864]: page 164-166 (CLM UDFS-chapter 5.10 Subscription for a debit or credit notification, table 51)

Short clarification on Business case description for code LSIE added through footnote.

Table 51 - Business case description

Business case code for message subscription	Business case description (subject to camt.054 message subscription)
---	--

Liquidity transfers	
[...]	[...]
LRQP	Rule-based liquidity transfers - Queued RTGS payment or queued AS transfer
LSIE 1 (add footnote)	Standing order liquidity transfers - Inter-service
LSIA	Standing order liquidity transfers - Intra-service (incl. AS-related)

[1 For standing order liquidity transfers between RTGS and CLM](#)

13 EUROSISTEM UPDATE [Internal review]: page 174f. (CLM UDFS-chapter 6.7 Contingency Services)

Alignment of term within CLM UDFS and with ECONS II UDFS.

Contingency Services for T2, called ECONS -II (Enhanced Contingency Solution) aim at addressing a situation where the T2 Service (i.e. CLM and RTGS) is not available due to a major technical failure or a successful cyber-attack, which may not allow for a recovery of T2 in another site or region. In such circumstances, ECONS -II allows to resume the processing of critical transactions for a period of up to five consecutive business days.

[...]

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.

14 EUROSISTEM UPDATE [Internal review]: page 181 (CLM UDFS-chapter 8.3.1 Credit line modifications)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

Changes to the credit line are in general possible throughout the whole business day. The only exceptions are the times between business day events "~~CB cut-off for marginal lending on request~~" "[CB cut-off for standing facilities](#)" and the "Start of CLM RTS" on the new business day, as well the time during the maintenance window.

[...]

15 EUROSISTEM UPDATE [SDD-CN0035]: page 181 (CLM UDFS-chapter 8.4.2 Content of TARGET Services general ledgers)

Adding "CLM technical account for ECONS II" in the list of accounts.

Table 53 - List of account types in the respective settlement service-specific general ledger

Settlement service	Account type
CLM	[...]
	CLM technical account for ECONS II

16 EUROSYSYSTEM UPDATE [Internal review]: page 196 (CLM UDFS-chapter 8.11 Contingency Settlement – ECONS II)

Alignment of term within CLM UDFS and with ECONS II UDFS.

8.11 Contingency Settlement – ECONS II

ECONS II (Enhanced Contingency Solution II) is a contingency component which would be activated if CLM/RTGS are disturbed and not working. The contingency session can be opened for several business days (up to 5 business days).

The following chapter describes only the CLM relevant aspects of ECONS II processing.

After the contingency session is closed (ECONS II closing day), the balances remaining on the Contingency Accounts in ECONS II are transferred to CLM. ECONS II sends these balances via (a) modified "General ledger"/BankToCustomerStatement" message(s) (camt.053) (one for each currency). CBs have to adjust the balances for reserve management and standing facilities in case of need on the basis of the general ledger message sent by ECONS II after having changed each business day in ECONS II.

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

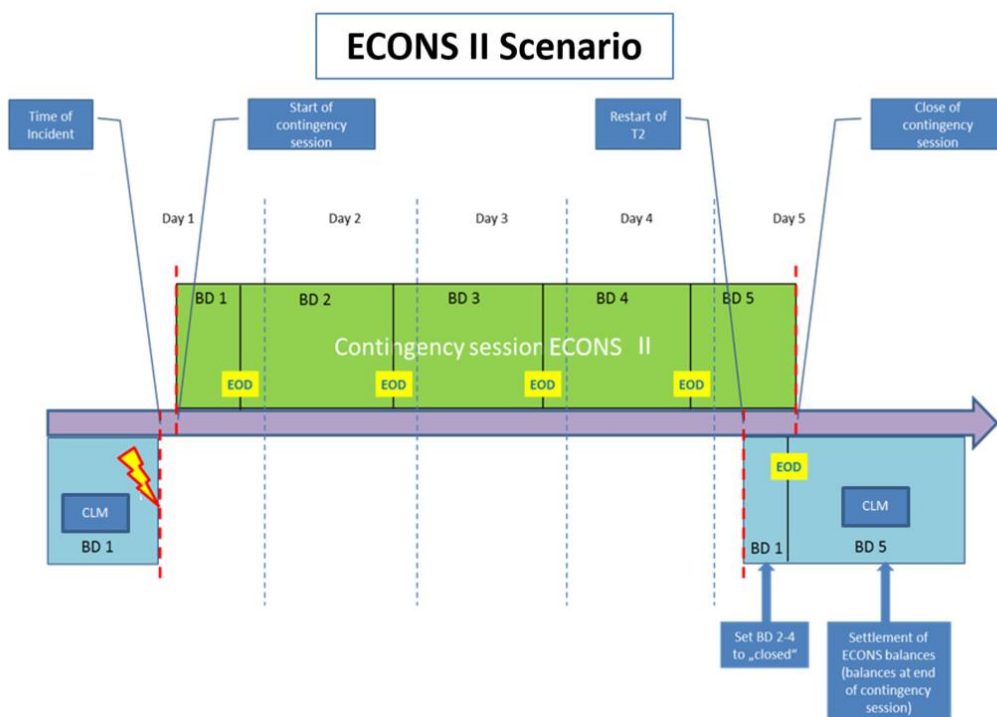


Figure 1 - Interaction between ECONS II and CLM during a disturbance in CLM/RTGS

[...]

As a prerequisite for CLM to catch up with the business day which ECONS II has already 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 ECONS II has already reached (BD 5). Once this alignment in business days has taken place, ECONS II can be closed and the related balances transferred to CLM.

17 EUROSISTEM UPDATE [Internal review]: page 243 (CLM UDFS-chapter 9.15.1 Description)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

This sub-process is triggered either by:

- The Process business day event ~~"CB cut-off for marginal lending on request"~~ "CB cut-off for standing facilities"
- [...]

18 EUROSISTEM UPDATE [Internal review]: page 252 (CLM UDFS-chapter 9.19 Process interest for accounts subject to interest calculation)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

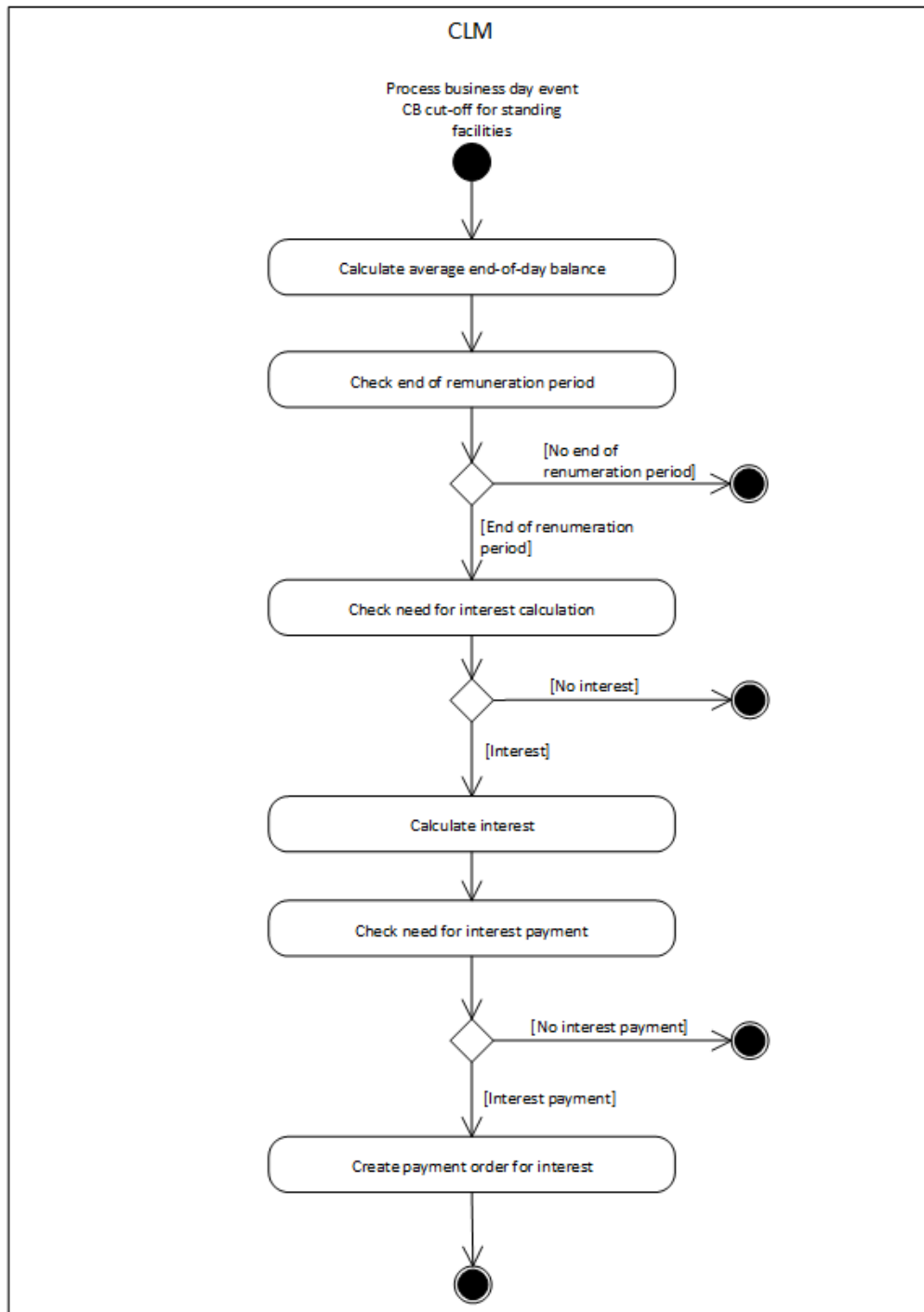


Figure 64 Process interest for accounts subject to interest calculation

19 EUROSISTEM UPDATE [Internal review]: page 253 (CLM UDFS-chapter 9.19 Process interest for accounts subject to interest calculation)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

Figure 64 "Process interest for accounts subject to interest calculation"

CLM initiates this sub-process during "~~CB cut-off for marginal lending on request~~" "CB cut-off for standing facilities" processing (see Process business day event "~~CB cut-off for marginal lending on request~~" "CB cut-off for standing facilities").

[...]

20 EUROSISTEM UPDATE [Internal review]: page 258 (CLM UDFS-chapter 9.21 Process cross-CB turnover)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

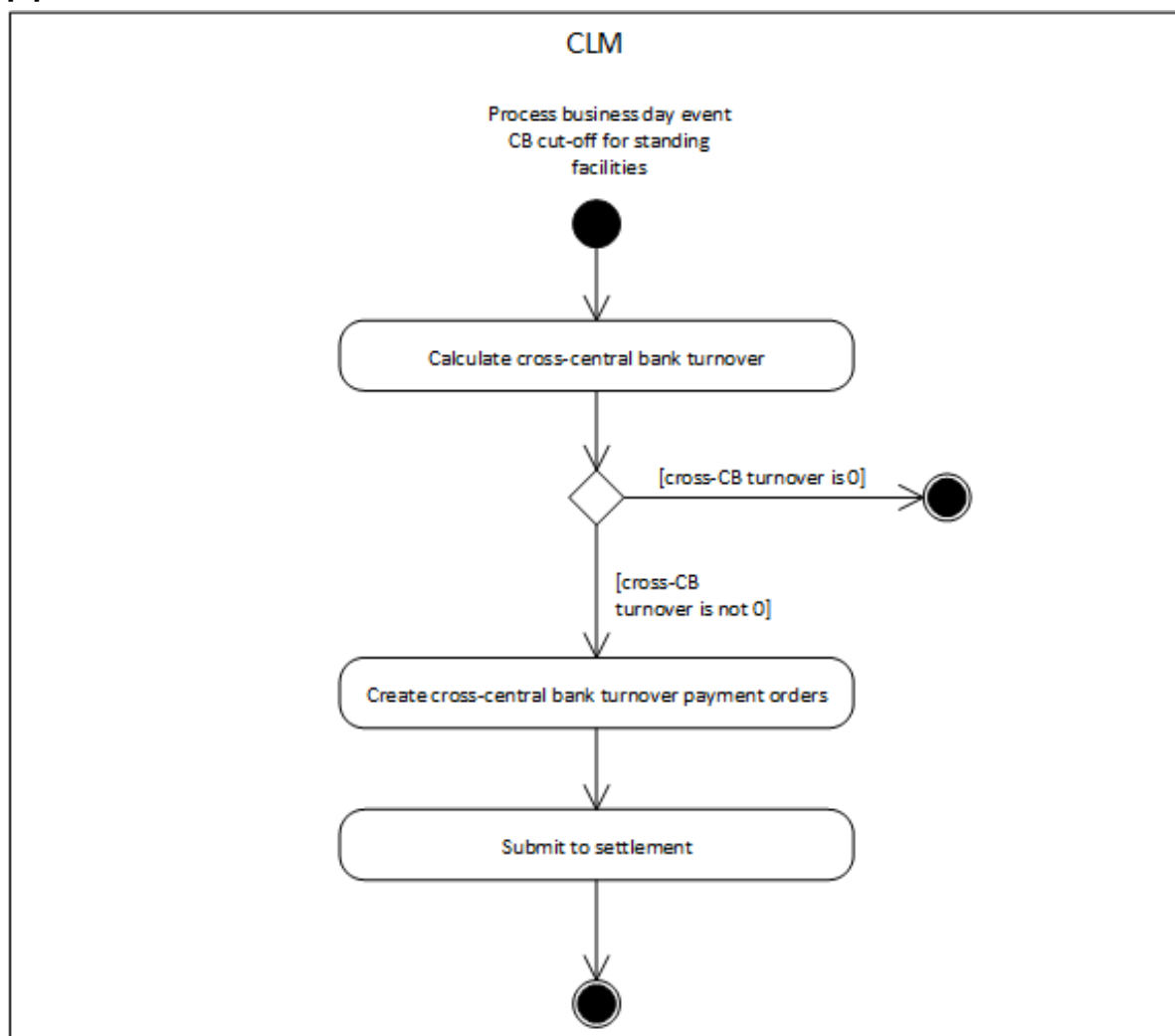


Figure 66 Process cross-CB turnover

21 EUROSYSYSTEM UPDATE [Internal review]: page 258 (CLM UDFS-chapter 9.21 Process cross-CB turnover)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

Figure 66 "Process cross-CB turnover"

CLM initiates this sub-process during ~~"CB cut-off for marginal lending on request"~~ "CB cut-off for standing facilities" processing.

[...]

22 EUROSYSYSTEM UPDATE [Internal review]: page 263 (CLM UDFS-chapter 9.22.4 Process business day event "CB cut-off for marginal lending on request")

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities"
--

9.22.4 Process business day event ~~"CB cut-off for marginal lending on request"~~ "CB cut-off for standing facilities"

This process serves as basis for all sub-processes to be initiated after the event ~~"CB cut-off for marginal lending on request"~~ "CB cut-off for standing facilities":

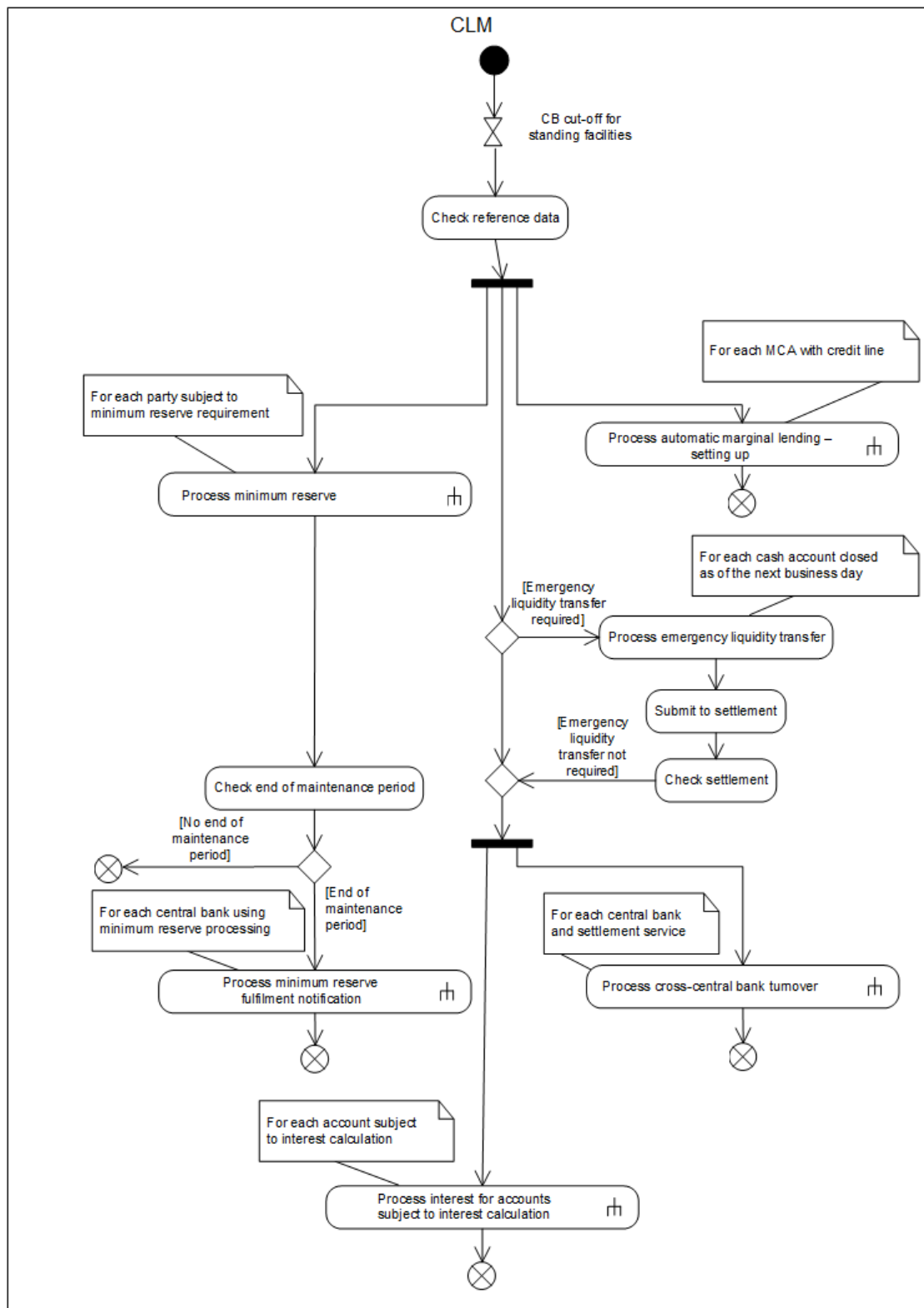


Figure 70 - Process ~~“CB cut-off for marginal lending on request”~~ “CB cut-off for standing facilities”

The event "CB cut-off for marginal lending on request": "CB cut-off for standing facilities" triggers the processing step "Check reference data".

23 EUROSISTEM UPDATE [Internal review]: page 273 (CLM UDFS-chapter 9.23.6.1 Description)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

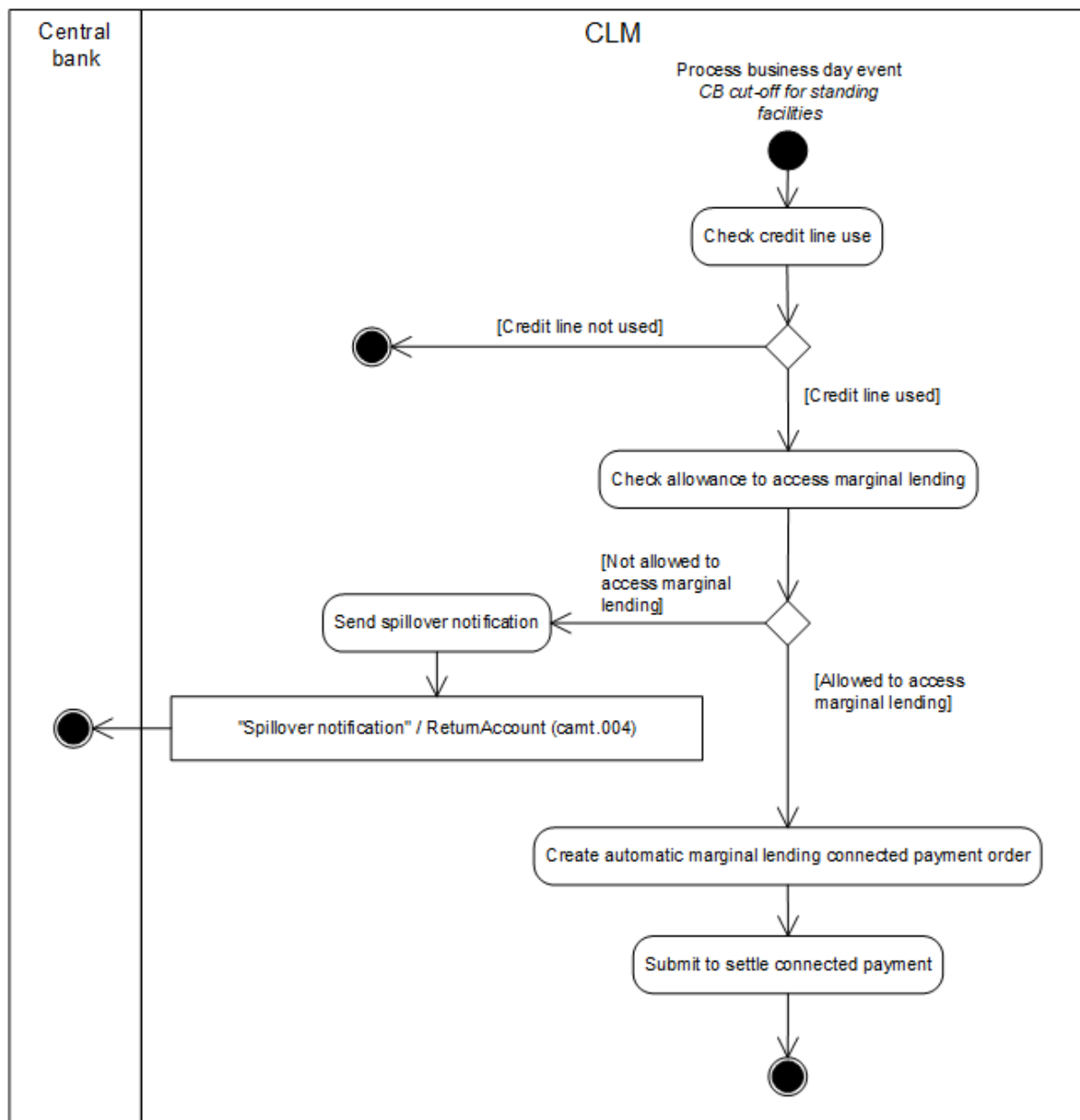


Figure 72 Process automatic marginal lending

CLM initiates this sub-process during "~~CB cut-off for marginal lending on request~~ CB cut-off for standing facilities" [Link] processing.

24 EUROSISTEM UPDATE [Internal review]: page 282 (CLM UDFS-chapter 9.24.3 Process minimum reserve)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

CLM initiates this sub-process during "~~CB cut-off for marginal lending on request~~ CB cut-off for standing facilities" processing.

[...]

25 EUROSISTEM UPDATE [Internal review]: page 288 (CLM UDFS-chapter 9.24.5.1 Description)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

[...]

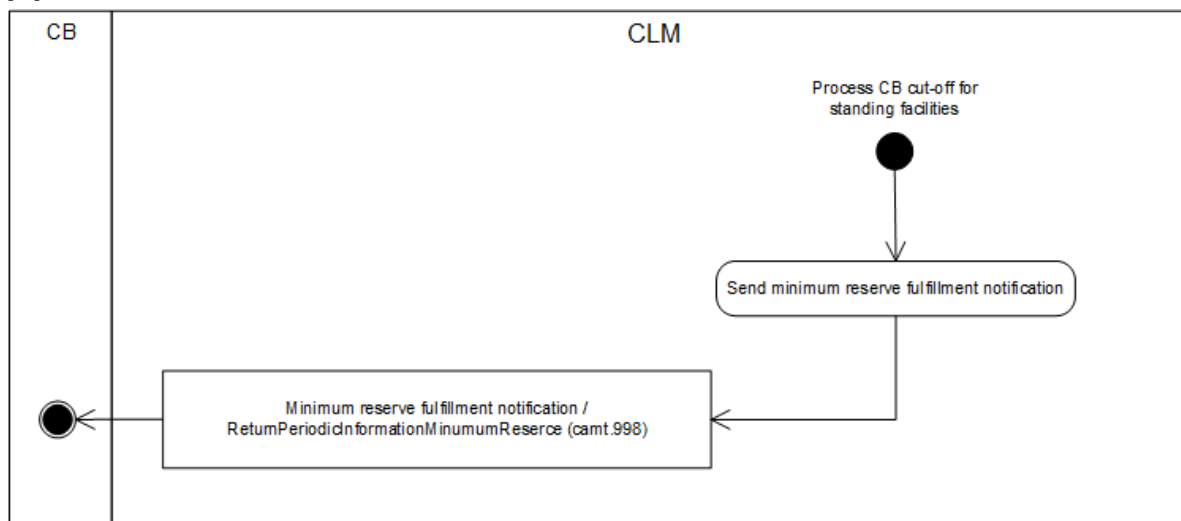


Figure 78 Process minimum reserve fulfilment

CLM initiates this process during "~~CB cut-off for marginal lending on request~~" "CB cut-off for standing facilities" processing at end of minimum reserve maintenance period and after "Process minimum reserve".

26 EUROSISTEM UPDATE [ECB/TSWG review CLM UDFS v2.2, CSLD-JIRA 994] page 315-316 (CLM UDFS-chapter 11.2.3 Outbound traffic exceeding given size limitations)

Clarification.

11.2.3 Inbound and Outbound ~~traffic exceeding given message~~ size limitations

Traffic Messages sent to or from CLM ~~is~~ are subject to ~~a technical~~ size limitations ~~deriving from transport layer restrictions~~.

This chapter outlines which network service should be used for communication between CLM actors' back-end applications and CLM in relation to size of a message.

In particular, the use of a certain communication channel depends on two factors:

- business purpose of a message (e.g. instruction or query etc.)
- message size.

Hence, this chapter should be read in conjunction with chapter 2.5 Communication between CLM and CLM Actors, which explains the choice of the right network service.

The current message exchange limitations, i.e. system limitations are defined ~~is foreseen~~ at a size of 32 KB and 32MB both for inbound and outbound ~~traffic messages~~.

Table xxx – Message size

<u>Network service</u>	<u>Maximum size</u>
<u>Message-based</u>	<u>32 KB (KB=210)</u>
<u>File-based</u>	<u>32 MB (MB=220)</u>

Note: The system limitations purely relate to the size of exchanged messages, i.e. it is completely decoupled from the terminology of 'file' in context with BusinessFileHeader (head.002). Meaning that also a 'file' with envelope BusinessFileHeader (head.002) can be sent via store-n-forward message-based network service if the message size does not exceed 32 KB. Likewise, a "message" with envelope BusinessApplicationHeader (head.001) can be sent via store-n-forward file-based network service if the message size does not exceed 32 MB.

~~In case of exchanges exceeding the maximum foreseen size technical solutions within CLM allow for adequate processing of the exchanges and the contained information. The solution envisaged differs according to CLM inbound and outbound traffic~~

~~For CLM inbound traffic there is no need for the CLM Actor to send information in one shot by making use of repetitive fields of a single message. Exceeding the maximum size of 32 KB does thus not happen. Instead of conveying the information in one (big) exchange the CLM Actor can send two single (small) messages. In contrast to outgoing messages there is no need to see them as "one unit".~~

CLM inbound

Depending on the size of each message, or file, following network services are provided:

I message-based network service (real-time or if applicable, store-n-forward):

I file-based network service (only store-n-forward):

To fulfil the network service specific requirements, the CLM Actors have to consider that the message-based network service is limited to submissions of up to 32 KB whereas the file-based network service allows submissions of up to 32 MB.

CLM outbound

The rules put forward in the above paragraph are also applicable for outbound messages.

~~For CLM outbound traffic the size limitation of 32 KB could lead to exchanges not being transmitted as their content unavoidably exceeds the maximum size. This is particularly the case for query responses and reports where a considerable amount of information referring to the same business case needs to be transported.~~

~~When the size of an outbound exchange exceeds the aforementioned size of 32 KB, CLM automatically switches from a message-based network service to a file-based network service allowing for a maximum file size transmission of 32 MB. By doing so, splitting of the exchange into different business messages below the 32 KB maximum limit can be avoided.~~

~~For a query received via real-time message-based network service, if the query response exceeds the given 32 KB size limitation, the network service will be switched if the query response exceeds the 32 KB size restriction for to message-based network service. ESMIG then sends an error response message to the business sender of the query via the real-time network service in which the query was received. ESMIG then sends a ReceiptAcknowledgement message (admi.007) to inform the business sender of the query using the original real-time message-based network about the switch of network service. For further information, see ESMIG UDFS, chapter "Common rules for message and file transfer services" "ESMIG data exchange information." The query response is then provided in the store-n-forward network service.~~

~~In case a query response, / or a report also exceeds the maximum size of file-based network service of 32 MB, the CLM outbound message exchange may will be split in several parts. This may be the case for:~~

~~BankToCustomerStatement (camt.053) (statement of account is considered as both a query response as well as and a report) and ReturnTransaction (camt.006).~~

~~In order to To advise that a query response/ or a report was split, the business payload element <MsgPgntn> is foreseen used to indicate "pagination" for ReturnTransaction (camt.006) and BankToCustomerStatement (camt.053).~~

For the camt.053 BankToCustomerStatement, a specific procedure has been defined for CLM. ~~for splitting is implemented. In order to avoid exchange parts exceeding 32 MB, the BankToCustomerStatement (camt.053) [482] is split~~ The convention is to split the payload at element BkToCstmrStmnt/Stmnt/Ntry ~~in the business payload.~~

~~In case splitting is applied, When 'splitting' happens, the following subsequent~~ page starts with ~~the same a repetition of the~~ information ~~with~~in the <Stmnt> block as ~~the last entry of in~~ the previous page (~~listing the same Repeating the~~ account number and the relating balances) and continues in the <Ntry> block by listing all account entries that ~~do did~~ not fit into the previous page.

~~The application takes care.~~ CLM ensures that the fixed elements plus the repetitive elements do not exceed 32 MB.

27 EUROSISTEM UPDATE [Internal review] page 327 (CLM UDFS-chapter 11.5 Business Scenarios); [Internal review, Remedy: INC000000293657]: page 328-329 (CLM UDFS-chapter 11.5 Business Scenarios); [ECB/TSWG review CLM UDFS v2.2, CSLD-JIRA 1073 page 342 (CLM UDFS-chapter 11.5 Business Scenarios)

Update Business Scenarios table.

Change overview of Business Scenario 002.

Rewrite scenario overview for business scenario 6 because of an update in the central bank operation behind this scenario.

Introduce 3 new rows in scenarios table (in numerically correct place). CLM provides full message (BAH+Document) and (BFH+BAH+Document) examples in MyStandards.

Table 96 - Table of business scenarios

Business scenario	Overview	Message examples
[...]		
Scenario 002 – CLM pacs.009 (CONP) settlement	A pacs.009 connected payment message is fully processed and settled. A pacs.002 status message is used to inform the sender of the pacs.009 of the settlement; a camt.054 is used to notify <u>the participant about the credit line update and the connected payment will appear in the camt.053. owner of the credited account; the debit side will appear in the camt.053 for the debited account.</u>	Inbound_pacs.009_CLM_FICreditTransferOrder_CONP_bs002.xml pacs.002_CLM_FIPaymentStatusReport_ACSC_bs002.xml camt.054_CLM_CreditNotification_CONP_bs002.xml camt.053_CLM_BankToCustomerStatement_bs999.xml
[...]		
Scenario 006 – CLM pacs.010 successfully revoked settled	A pacs.010 direct debit message is accepted, but before settlement occurs the waiting movement is successfully revoked (cancelled) using a camt.056 message. The sender of the camt.056 will receive a camt.029 informing of the successful cancellation action; the sender of the original pacs.010 will receive a pacs.002 informing that their direct debit instruction has been cancelled. <u>A pacs.010 direct debit message related to a seizure of funds is sent to CLM. A reservation for seizure of funds has been set up in advance and so the direct debit settles immediately (its intended settlement date)</u> <u>In this scenario, neither the CB nor the PB have subscribed to receive pacs.002 or camt.054 messages, so no further messages are created.</u>	Inbound_pacs.010_CLM_FIDirectDebitOrder_bs006.xml Inbound_camt.056_CLM_PaymentCancellationRequest_bs006.xml Outbound_camt.029_CLM_PaymentCancellationRequestStatus_Execution_bs006.xml pacs.002_CLM_FIPaymentStatusReport_RJCT_bs006.xml
[...]		
Scenario 151 – CLM camt.998 (ReturnPeriodicInformation) is sent to a central bank	[...]	[...]
<u>Scenario 901 – Full inbound message (BAH + pacs.009)</u>	<u>A pacs.009 payment message is sent into CLM with its associated BAH. This scenario includes no further processing, as it is designed only to provide an example of a full inbound payment message transmission.</u>	<u>Full-Inmessage_CLM_full-head.001_pacs.009_bs901.xml</u> <u>Note: this example is an attachment to the head.001 Usage Guideline in MyStandards</u>

Scenario 902 – Full outbound message (BAH + camt.054)	A camt.054 message is sent from CLM with its associated BAH. It is being sent to the owner of an MCA which has just received a credit of liquidity. This scenario includes no other processing, as it is designed only to provide an example of a full outbound message transmission.	Full-Outmessage CLM full-head.001 camt.054 bs902.xml Note: this example is an attachment to the head.001 Usage Guideline in MyStandards
Scenario 903 – Full inbound file (BFH + 2x(BAH + pacs.009))	An inbound file containing 2 pacs.009 payment messages is sent to CLM. This scenario includes no further processing, as it is designed only to provide an example of a full inbound file transmission	Full-Infile CLM full-head.002 2xpacs.009 bs903.xml Note: this example is an attachment to the head.002 Usage Guideline in MyStandards
Scenario 999 – CLM camt.053 Customer statement	[...]	[...]

28 EUROSISTEM UPDATE [ECB/TSWG review CLM UDFS v2.2, CSLD-JIRA 1057]: page 356 (CLM UDFS-chapter 12.2.1.1 Overview and scope of the message)

Add details to minimum reserve fulfilment query use.

[...]

Depending on the query use, the GetAccount message contains the optional search criteria which will be used to select the response information, based on the following elements:

- CLM cash account number for available liquidity query use or minimum reserve fulfilment query use;
- CLM account owner BIC for all query uses;
- Leading CLM account holder BIC (Account servicer) for minimum reserve fulfilment query use (CB only)
- ~~or minimum reserve requirement query use (CB only).~~
- [RTGS, CLM, TIPS or T2S cash account number for minimum reserve fulfilment query use.](#)

[...]

**29 EUROSISTEM UPDATE [ECB/TSWG review CLM UDFS v2.2, CSLD-JIRA 1057]: page 358
(CLM UDFS-chapter 12.2.1.3 The message in business context)**

Re-write the annotation on element Account Id.

Table 107 - GetAccount (camt.003)

Message item	Utilisation
[...]	
Account Identification /Document/GetAcct/AcctQryDef/AcctCrit/New Crit/SchCrit/AcctId/EQ/Othr/Id	<p>Account number of CLM account. Not allowed for "Minimum reserve requirement query". MCA CLM CB Account Overnight deposit account Marginal lending account</p> <p>1) "Available liquidity CLM query": Account number of CLM cash account. - MCA - CLM CB Account - Overnight deposit account - Marginal lending account</p> <p>2) "Minimum reserve fulfilment query": Account number of - CLM MCA - RTGS DCA - TIPS account - T2S DCA</p> <p>3) "Minimum reserve requirement query": Not allowed</p>

**30 EUROSISTEM UPDATE [ECB/TSWG review CLM UDFS v2.2, CSLD-JIRA 1057]: page 365
(CLM UDFS-chapter 12.2.2.3 The message in business context)**

Correct the annotation on element Account Id for no 2).

Table 112 - ReturnAccount (camt.004)

Message item	Utilisation
[...]	
Account Identification /Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	<p>CLM Push notification-Use: CLM cash account Number</p> <p>CLM Query response-Use: 1) "Query response for available liquidity CLM query": CLM cash account number 2) "Query response for minimum reserve fulfilment query": - for each information on leader level: fixed term "Leader Minimum Reserve Amounts" I for each information on party level: fixed term "Party Minimum Reserve Amounts" I for each information on account level: CLM cash account number <u>cash account number provided in element <AcctId> in camt.003. If no cash account number was provided, camt.004 reports all cash accounts relevant for minimum reserve fulfilment according to the provided search criteria or in the data scope of the business sender</u> 3) "Query response for minimum reserve requirement query": I for each information on leader level: fixed term "Leader Minimum Reserve Amounts" I for each information on party level: fixed term "Party Minimum Reserve Amounts"</p>
Account Type Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/Cd	<p>CLM Push notification-Use: 1) "Floor/ceiling notification": Not used. 2) "Spillover notification": always CACC - CLM MCA</p> <p>CLM Query response-Use: 1) "Query response for available liquidity CLM query": I CACC - CLM cash account except marginal lending account or overnight deposit account I MGLD - Marginal lending account I ONDP - Overnight deposit account 2) "Query response for minimum reserve fulfilment query": I <Tp> is only provided if CLM a <u>cash</u> account number is provided in <AcctId> (i.e. information on account level). Not used for fixed terms in <AcctId> (i.e. information on leader or party level). I CACC - CLM MCA I SACC - RTGS DCA I OTHR - TIPS account I CASH - T2S DCA 3) "Query response for minimum reserve requirement query": Not used.</p>

31 EUROSISTEM UPDATE [CSLD-JIRA 1067]: page 373; page 375 (CLM UDFS-chapter 12.2.2.3 The message in business context)

Correct xpath in examples.

Usage case: Return Account (Scenario 084 FLOR)

[...]

Table 114 - ReturnAccount (camt.004) – usage case CLM threshold breaches - FLOR

Message item	Utilisation
[...]	
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Amt	150.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Tp/ PtryCd	AVLB

Usage case: Return Account (Scenario 084 CEIL)

[...]

Table 115 - ReturnAccount (camt.004) – usage case CLM threshold breaches - CEIL

Message item	Utilisation
[...]	
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Amt	622000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Tp/ PtryCd	AVLB

**32 EUROSISTEM UPDATE [SDD CN 0045/JIRA 1088]: page 405 (CLM UDFS-chapter 12.2.3.3
The message in business context);**

Amend description of Instruction copy indicator element.
--

Table 120 - GetTransaction (camt.005)

Message item	Utilisation
[...]	[...]
Instruction Copy indicator /Document/GetTx/TxQryDef/TxCrit/NewCrit/RtrCrit/Pm tRtrCrit/InstrCpyInd	Indicator is used to request query the parts of message string a copy of a cash transfer (order), i.e. Payment and liquidity transfer (order): <BAH> (without signature) and <Document>

33 EUROSYSYSTEM UPDATE [SDD CN 0045/JIRA 1088]: page 416 (CLM UDFS-chapter 12.2.4.3 The message in business context); [Internal review, Remedy: INC000000293657]: page 432-433 (CLM UDFS-chapter 12.2.4.3 The message in business context)

Amend description of Instruction copy element.

Change the content of the camt.006 in scenario 108 as it contains an encapsulated pacs.009 message in Instruction Copy. The pacs.009 has been modified.

Table 127 - ReturnTransaction (camt.006)

Message item	Utilisation
[...]	[...]
Instruction Copy /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/InstrCpy	Provides the message string of a cash transfer (order) <u>via A2A (pacs.009/010 and camt.050) and U2A (pacs.009) initiated via XML message</u> consisting of BAH + <u>payloadDocument</u> . The message string is provided in CDATA format. For cash transfer (order)s not initiated via XML message is not provided.

Table 132 - ReturnTransaction (camt.006) – usage case Account holder requesting a single transaction with all fields (Scenario 108)

Message item	Utilisation
[...]	
Instruction Copy /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/InstrCpy	<![CDATA[<AppHdr xmlns="urn:iso:std:iso:20022:tech:xsd:head.001.001.01" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:head.001.001.01 CLM_BusinessApplicationHeader_head_001_BusinessApplicationHeader_head_001_01_20191021_1601.xsd"><Fr><FIld><FinInstnId><BICFI>COBADEFFXXX</BICFI><ClrSysMmbld><Mmbld>BizSenderb010Userld</Mmbld></ClrSysMmbld></FinInstnId></FIld></Fr><To><FIld><FinInstnId><BICFI>TRGTXEPMCLM</BICFI></FinInstnId></FIld></To><BizMsgIdr>Inp009b004-BAHld</BizMsgIdr><MsgDefldr>pacs.009.001.08</MsgDefldr><CreDt>2019-10-07T14:15:00Z</CreDt></AppHdr><Document xmlns="urn:iso:std:iso:20022:tech:xsd:pacs.009.001.08" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:pacs.009.001.08 CLM_pacs_guidelines_pacs_009_FIToFIFinancialInstitutionCreditTransfer_pacs_009_001_08_20191021_1533.xsd"><FICdtTrf><GrpHdr><MsgId>NONREF</MsgId><CreDtTm>2019-10-07T14:15:00+00:00</CreDtTm><NbOfTx>1</NbOfTx><SttlmInf><SttlmMtd>CLRG</SttlmMtd><ClrSys><Cd>TGT</Cd></ClrSys></SttlmInf></GrpHdr><CdtTrfTxInf><PmtId><InstrId>Inp009b004-

	InsId</InstId><EndToEndId>Inp009b004- E2EId</EndToEndId><UETR>e009b004-59c5-41e9- be4c- d45102fc201e</UETR></PmtId><IntrBkSttlmAmt Ccy="EUR">285000.00</IntrBkSttlmAmt><IntrBkSttlm Dt>2019-10- 09</IntrBkSttlmDt><InstgAgt><FinInstnId><BICFI> CO BADEFFXXX MARKDEFFXXX</BICFI></FinInstnId></ InstgAgt><InstgAgt><FinInstnId><BICFI>SOLADEST XXX</BICFI></FinInstnId></InstgAgt><Dbtr><FinInstn Id><BICFI> CO BADEFFXXXMARKDEFFXXX</BICFI> </FinInstnId></Dbtr><Cdtr><FinInstnId><BICFI>SOLA DESTXXX</BICFI></FinInstnId></Cdtr></CdtTrfTxInf ></FICdtTrf></Document>]]>
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34 EUROSYSYSTEM UPDATE [Internal review]: page 442 (CLM UDFS-chapter 12.2.6.3 The message in business context)

Update of event "CB cut-off for marginal lending on request" to "CB cut-off for standing facilities".

Table 138 - ReturnBusinessDayInformation (camt.019)

Message item	Utilisation
[...]	
Event /Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr /Biz DayInf/SysInfPerCcy/Evt/Tp/Prtry/Id	[...] End of Day: <ul style="list-style-type: none"> • CEOD - "Start of EoD processing " • CCSF - "General cut-off for standing facilities" • CCML - "CB cut-off for marginal lending on request" <u>"CB cut-off for standing facilities"</u> • CCOS - "EoD – close of service" [...]

35 EUROSYSYSTEM UPDATE [ECB/TSWG review CLM UDFS v2.2, SDD CN 035]: page 484 (CLM UDFS-chapter 12.2.13.3 The message in business context)

Add "CLM Technical Account for ECONS II" in the list of accounts.

Table 177 - BankToCustomerStatement (camt.053)

Message item	Utilisation
[...]	
Account /Document/BkToCstmrStmnt/Stmnt/Acct/Id/Othr/Id	<ul style="list-style-type: none"> • CLM cash account number can be: • MCA; • CLM dedicated transit account; • CLM CB Account; • overnight deposit account; • marginal lending account; • CB ECB Account; • ECB mirror account; • <u>CLM Technical Account for ECONS II.</u>

36 EUROSISTEM UPDATE [Internal review, Remedy: INC000000293657]: page 504 (CLM UDFS-chapter 12.2.14.3 The message in business context)

Enhance the example as the instructing pacs.009 at the origin of this message has been modified to reflect a more realistic business scenario.

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

Message item	Utilisation
[...]	
Debtor BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl s/TxDtls/RltdPties/Dbtr/Pty/Id/OrgId/AnyBIC	COBADEFFXXX MARKDEFFXXX
Creditor BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl s/TxDtls/RltdPties/Cdtr/Pty/Id/OrgId/AnyBIC	SOLADESTXXX
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl s/TxDtls/RltdAgts/InstgAg/FinInstnId/BICFI	COBADEFFXXX MARKDEFFXXX
Instructed Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl s/TxDtls/RltdAgts/InstdAg/FinInstnId/BICFI	SOLADESTXXX

37 EUROSISTEM UPDATE [JIRA CSLD-1063]: page 525-530 (CLM UDFS-chapter 12.3.1.3 The message in business context)

head.001 Differences in x-path definitions between UDFS and MyStandards. Remove “/Document” in all x-paths.

Table 192 - BusinessApplicationHeader (head.001)

Message item	Utilisation
From	
Financial Institution Identification /Document /AppHdr/Fr/FIId/FinInstnId/BICFI	BIC of the business sender
Clearing System Identification /Document /AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/Clr SysId/Prtry	Clearing system identification is not used by CLM. On an inbound message it will be ignored. On an outbound message it will not be filled by CLM.
Clearing System Member Identification /Document /AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/M mblId	The clearing system member identification is used to indicate system user reference in inbound messages and is a logical piece of information that allows the identification of one system user in the reference data for a privilege check. Clearing system member identification must be present on BAH level in the case of a single message. In case of outbound messages, clearing system member identification is not present.
Other Identification /Document /AppHdr/Fr/FIId/FinInstnId/Othr/Id	If used in inbound messages, element will be ignored. Outbound: Not used.
To	
Financial Institution Identification /Document /AppHdr/To/FIId/FinInstnId/BICFI	BIC of the business receiver
Other Identification (Block) /Document /AppHdr/To/FIId/FinInstnId/Othr	If used in inbound messages, element will be ignored. Outbound: Not used.
Header Details	

Business Message Identifier /Document/AppHdr/BizMsgldr	Inbound message: Unique message ID assigned by the business sender. This reference is part of the BAH duplicate check within CLM. Outbound message: Contains the unique message ID assigned by CLM.
Message Definition Identifier /Document/AppHdr/MsgDefldr	Message Identifier is checked by CLM for incoming BAH (the message type has to be supported by CLM). In case of outgoing BAH the published ISO message identifier corresponding to the message payload which follows is used.
Creation Date /Document/AppHdr/CreDt	Date and time the business message was created. Only ZULU time is used.
Copy Duplicate /Document/AppHdr/CpyDplct	In case a business sender is sending a copy, a duplicate or a copy of a duplicate. The value is ignored by CLM and not forwarded to the business receiver.
Possible Duplicate /Document/AppHdr/PssblDplct	If a business sender is sending the message because there is doubt of the previous receiving of the message, this possible duplicate of message will be flagged with "true" – therefore, it could also be the case that the original message meanwhile has been received. If there are no doubts the business sender can flag message with "false". Not used for CLM.
Priority /Document/AppHdr/Prty	Not used for CLM
Signature /Document/AppHdr/Sgntr	Certificate which identifies the business sending user in combination with the Clearing system member identification 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 a single message.
Related /Document/AppHdr/Rltd	Inbound: If provided in inbound payment order message or inbound camt.056 it is ignored by CLM. The block <Related> is not mapped into any response or notification

Usage case: CLM Message – Inbound (Scenario 008)

[...]

Table 193 - BusinessApplicationHeader (head.001) – usage case CLM Message – Inbound (Scenario 008)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	MARKDEFFXXX
Clearing System Member Identification /Document/AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/Mmbld	BizSenderb008UserId
To	
Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	TRGTXEPMCLM
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgldr	Inp009b008-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefldr	pacs.009.001.08CORE
Creation Date /Document/AppHdr/CreDt	2019-10-07T10:00:00Z

Copy Duplicate /Document/AppHdr/CpyDplct	DUPL
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

Usage case: CLM Message – Outbound (Scenario 009)

[...]

Table 194 - BusinessApplicationHeader (head.001) – usage case CLM Message – Outbound (Scenario 009)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	TRGTXEPMCLM
To	
Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	COBADEFFXXX
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Ouc054b009-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefIdr	camt.054.001.08
Creation Date /Document/AppHdr/CreDt	2019-10-08T09:42:30.001Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

Usage case: CLM Message – Inbound (Scenario 010)

[...]

Table 195 - BusinessApplicationHeader (head.001) – usage case CLM Message – Inbound (Scenario 010)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	COBADEFFXXX
Clearing System Member Identification /Document/AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/Mmbld	BizSenderb010Userld
To	
Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	TRGTXEPMCLM
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Inc050b010-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefIdr	camt.050.001.05
Creation Date /Document/AppHdr/CreDt	2019-10-07T13:05:00Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

38 EUROSISTEM UPDATE [Internal review]: page 531-534 (CLM UDFS-chapter 12.3.2.3 The message in business context)

head.002 Differences in x-path definitions between UDFS and MyStandards. Remove “/Document” in all x-paths.

Table 196 - BusinessFileHeader (head.002)

Message item	Utilisation
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Payload Identifier /Document/Xchg/PyldDesc/PyldDtIs/PyldIdr	The BFH is used to receive several business messages within one file to CLM. The BFH is used for inbound communication only. Under a single BFH, every business message within the file has to be an ISO 20022 (or ISO compliant) message together with its BAH.
Creation Date Time /Document/Xchg/PyldDesc/PyldDtIs/CreDtAndTm	Time offset is mandatory for BFH sent to CLM.
Possible Duplicate /Document/Xchg/PyldDesc/PyldDtIs/PssblDplctFlg	If a technical sender is sending the message because there is doubt of the previous receiving of the file, this possible duplicate of file will be flagged with "true" – therefore, it could also be the case that the original file meanwhile has been received. When there are no doubts the technical sender is flagging with "false". The value is ignored by CLM.
System User /Document/Xchg/PyldDesc/ApplSpcfcInf/SysUsr	The system user reference is a logical piece of information that allows the identification of one system user in the reference data for a privilege check. The provision of the system user reference is mandatory for inbound BFH and replaces the use of Clearing system member identification at BAH level. If the Clearing system member identification is additionally provided on BAH level, the BFH user will be used and the BAH user will be ignored.
Signature /Document/Xchg/PyldDesc/ApplSpcfcInf/Sgntr	Certificate, which identifies the business sending user in combination with the system user for files. The signature is part of the file header (BFH). It is over the list of BAHs, ISO 20022 messages and their head.003 wrappers. If the signature is additionally provided on BAH-level within the single message, the BFH signature will be used and the BAH signature will be ignored.
Total Number Of Documents /Document/Xchg/PyldDesc/ApplSpcfcInf/TtlNbOfDocs	Total number of messages contained within the file. Not validated by CLM.
Payload Type Details /Document/Xchg/PyldDesc/PyldTpDtIs/Tp	Exchanged payload belongs exclusively to the ISO 20022 Standard family.
Multiple Manifest Details	
Document Type /Document/Xchg/PyldDesc/MnfstDtIs/DocTp	ISO message type (e.g. camt.050.001.05). Not validated by CLM.
Number Of Documents /Document/AppHdr/BizMsgIdr	Total number of message instances per single message type contained within the file. Not validated by CLM.
Multiple Payload	
Payload /Document/Xchg/Pyld	The head.003 XSD file is used as a technical wrapper to structure the ExchangePayload for head.002, the specific schema as XSD file is provided under the same link.

Usage case: CLM File (Scenario 011)

[...]

Table 197 - BusinessFileHeader (head.002) – usage case CLM File (Scenario 011)

Message item	Utilisation
Payload Identifier /Document/Xchg/PyldDesc/PyldDtIs/PyldIdr	Inh002b011-Field
Creation Date Time /Document/Xchg/PyldDesc/PyldDtIs/CreDtAndTm	2019-10-07T11:40:00+00:00
System User /Document/Xchg/PyldDesc/ApplSpcfcInf/SysUsr	BizSenderb011UserId
Total Number Of Documents /Document/Xchg/PyldDesc/ApplSpcfcInf/TtlNbOfDocs	3

Payload Type Details /Document/Xchg/PyldDesc/PyldTpDtls/Tp	ISO20022
Multiple Payload	
Payload /Document/Xchg/Pyld	Different messages (BAH + business payload)

Usage case: CLM File (Scenario 012)**Table 198 - BusinessFileHeader (head.002) – usage case CLM File (Scenario 012)**

Message item	Utilisation
Payload Identifier /Document/Xchg/PyldDesc/PyldDtls/PyldIdr	Inh002b012-Field
Creation Date Time /Document/Xchg/PyldDesc/PyldDtls/CreDtAndTm	2019-10-07T11:40:00+00:00
System User /Document/Xchg/PyldDesc/ApplSpcfcInf/SysUsr	BizSenderb012UserId
Total Number Of Documents /Document/Xchg/PyldDesc/ApplSpcfcInf/TtlNbOfDocs	5
Payload Type Details /Document/Xchg/PyldDesc/PyldTpDtls/Tp	ISO20022
Multiple Payload	
Payload /Document/Xchg/Pyld	Different messages (BAH + business payload)

39 EUROSISTEM UPDATE [Internal review, alignment of annotations between CLM and RTGS]: page 537 (CLM UDFS-chapter 13.1.1.3 The message in business context)

Alignment of assigner and assignee annotations between CLM and RTGS (result of CSLD JIRA 970).
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Table 200 - ResolutionOfInvestigation (camt.029)

Message item	Utilisation
Assignment	
Identification /Document/RsltnOfInvstgtn/Assgnmt/Id	Value "NONREF" as the message ID is already part of the BAH.
Assigner Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgnr/Agt/FinInstnId/BICFI	Equivalent to the <InstructingAgent> of the underlying payment order. Will be copied from <Assigner> of the triggering camt.056. <u>The Assigner is copied from the camt.056</u>
Assignee Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgne/Agt/FinInstnId/BICFI	Equivalent to the <InstructedAgent> of the underlying payment order. Will be copied from <Assignee> of the triggering camt.056. <u>The Assignee is copied from the camt.056</u>

40 EUROSISTEM UPDATE [Internal review, Remedy: INC000000293657]: page 538 (CLM UDFS-chapter 13.1.1.3 The message in business context); page 540 (CLM UDFS-chapter 13.1.1.3 The message in business context); page 541-542 (CLM UDFS-chapter 13.1.1.3 The

message in business context); page 543 (CLM UDFS-chapter 13.1.1.3 The message in business context)

Internal review to make scenarios 003, 004,006 and 007 more business relevant.

Enhance the examples as the pacs.009 at the origin of this message has been updated to meet CLM CBO requirements, i.e. no two MCAs in a payment order.

Table 201 - ResolutionOfInvestigation (camt.029) – usage case Payment Order Revocation Execution Notification (Scenario 003)

Message item	Utilisation
Assignment	
Identification /Document/RsltOfInvstgtn/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgnr/Agt/Finln stnId/BICFI	COBADEFFXXX MARKDEFFXXX

Table 202 - ResolutionOfInvestigation (camt.029) – usage case Revocation Rejection Notification (Scenario 004)

Message item	Utilisation
Assignment	
Identification /Document/RsltOfInvstgtn/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgnr/Agt/Finln stnId/BICFI	COBADEFFXXX MARKDEFFXXX

Remove camt.029 from business scenario 006 and remove the example from MyStandards.

~~Usage case: Payment Order Revocation Execution Notification (Scenario 006)~~

~~In this usage example, CLM is advising the business sender of a previous FIToFIPaymentCancellationRequest (camt.056) [00549] that the direct debit (with UETR: “e010b006-59c5-41e9-be4c-d45102fc201e”) has been successfully cancelled and will never reach settlement. To ensure clarity, the ResolutionOfInvestigation (camt.029) [00536] message includes several data copied from the requesting FIToFIPaymentCancellationRequest (camt.056) [00549] message: the original message ID, the original end-to-end identification and the UETR. The message was created and sent on 7 October at 15:02 CET, two minutes after the inbound FIToFIPaymentCancellationRequest (camt.056) [00549] was sent.~~

~~Table 203 – ResolutionOfInvestigation (camt.029) – usage case Payment Order Revocation Execution Notification (Scenario 006)~~

Message item	Utilisation
Assignment	
Identification /Document/RsltOfInvstgtn/Assgnmt/Id	NONREF

Assigner Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgnr/Agt/FinIn stnId/BICFI	SOLADESTXXX
Assignee Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgno/Agt/FinIn stnId/BICFI	COBADEFFXXX
Creation Date Time /Document/RsltnOfInvstgtn/Assgnmt/CreDtTm	2019-10-07T15:02:00.001+00:00
Confirmation /Document/RsltnOfInvstgtn/Sts/Conf	CNCL
Cancellation Details	
Original Message Identification /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/Orgnl GrpInf/OrgnlMsgId	Inp010b006-BAHId
Original Message Name Identification /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/Orgnl GrpInf/OrgnlMsgNmId	pacs.010.001.03
Original End-to-End Identification /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/Orgnl EndToEndId	Inp010b006-E2EId
Original UETR /Document/RsltnOfInvstgtn/CxlDtls/TxInfAndSts/Orgnl UETR	e010b006-59c5-41e9-be4c-d45102fe201e

Usage case example: Outbound_camt.029_CLM_PaymentCancellationRequestStatus_Execution_bs006.xml

Enhance the example as the pacs.010 at the origin of this message has been updated to meet CLM CBO requirements, i.e. no two MCAs in a payment order.

Table 204 - ResolutionOfInvestigation (camt.029) – usage case Revocation Rejection Notification (Scenario 007)

Message item	Utilisation
Assignment	
Identification /Document/RsltnOfInvstgtn/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgnr/Agt/FinIn stnId/BICFI	COBADEFFXXX MARKDEFFXXX

41 EUROSISTEM UPDATE [Internal review, Remedy: INC000000293657]: page 552-554 (CLM UDFS-chapter 13.1.3.3 The message in business context); page 555-556 (CLM UDFS-chapter

13.1.3.3 The message in business context); page 556 (CLM UDFS-chapter 13.1.3.3 The message in business context)

Internal review to make scenarios 003, 004, 006 and 007 more business relevant.

Enhance the examples as the pacs.009 at the origin of this message has been updated to meet CLM CBO requirements, i.e. no two MCAs in a payment order.

Table 207 - FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request (Scenario 003)

Message item	Utilisation
/Document/FIToFIPmtCxlReq/Assgnmt/Id	
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgnr/Agt/FinInstnId/BICFI	COBADEFFXXX MARKDEFFXXX
Assignee Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgne/Agt/FinInstnId/BICFI	SOLADESTXXX

Usage case: Payment Order Revocation Request (Scenario 004)

In this usage example, the business sender (CB) has requested that a previously instructed payment (with UETR: "e009b004-59c5-41e9-be4c-d45102fc201e") should be revoked and therefore never able to reach settlement. 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~~7~~).

Table 208 - FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request (Scenario 004)

Message item	Utilisation
/Document/FIToFIPmtCxlReq/Assgnmt/Id	
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgnr/Agt/FinInstnId/BICFI	COBADEFFXXX MARKDEFFXXX
Assignee Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgne/Agt/FinInstnId/BICFI	SOLADESTXXX

Remove camt.056 from business scenario 006 and remove the example from MyStandards

Usage case: Payment Order Revocation Request (Scenario 006)

~~In this usage example, the business sender (CB) has requested that a previously instructed direct debit movement (with UETR: "e010b006-59c5-41e9-be4c-d45102fc201e") should be revoked and therefore never able to reach settlement. 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). The message was created and sent on 7 October at 15:00. Therefore it is expected that the direct debit (sent at 09:00:00 on 7 October) has not yet settled.~~

~~**Table 209 – FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request (Scenario 006)**~~

Message item	Utilisation
Assignment	
Identification /Document/FIToFIPmtCxlReq/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgnr/Agt/Fin InstnId/BICFI	SOLADESTXXX
Assignee Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgno/Agt/Fin InstnId/BICFI	COBADEFFXXX
Creation Date Time /Document/FIToFIPmtCxlReq/Assgnmt/CreDtTm	2019-10-07T15:00:00+00:00
Underlying	
Original Message Identification /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlGrpId nf/OrgnlMsgId	Inp010b006-BAHId
Original Message Name Identification /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlGrpId nf/OrgnlMsgNmId	pacs.010.001.03
Original End-to-End Identification /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlEnd ToEndId	Inp010b006-E2EId
Original UETR /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlUETR	e010b006-59c5-41e9-be4c-d45102fc201e
Original Interbank Settlement Amount /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrB kSttlmAmt	EUR-36000
Original Interbank Settlement Date /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrB kSttlmDt	2019-10-08
Code /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/ Rsn/Cd	SYAD

Usage case example: Inbound_camt.056_CLM_PaymentCancellationRequest_bs006.xml

Enhance the example as the pacs.010 at the origin of this message has been updated to meet CLM CBO requirements, i.e. no two MCAs in a payment order.

Table 210 - FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request (Scenario 007)

Message item	Utilisation
Assignment	
Identification /Document/FIToFIPmtCxlReq/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgnr/Agt/Fin InstnId/BICFI	SOLADESTXXX

Assignee Agent BIC
/Document/FIToFIPmtCxlReq/Assgnmt/Assgne/Agt/Fi
nInstnId/BICFI

COBADEFFXXX
MARKDEFFXXX

42 EUROSISTEM UPDATE [Internal review, Remedy: INC000000293657]: page 598 (CLM UDFS-chapter 13.4.1.3 The message in business context)

Remove pacs.002 from business scenario 006 and remove the example from MyStandards.

Usage case: Payment Order Revocation Notification (Scenario 006)

In this usage example, CLM is advising the business sender (CB) of a previous pacs.010 message that has been rejected by CLM. The failing reason code is "E067" (payment revoked) and the appropriate text for this error is also included. The previous pacs.010 can be identified using the pacs.010 BAH-BizMsgIdr and the business sender's references of instruction identification and UETR which are also supplied on the pacs.002.

Table 236 – PaymentStatusReport (pacs.002) – usage case Payment Order Revocation Notification (Scenario 006)

Message item	Utilisation
Group Header	
Message Identification /Document/FIToFIPmtStsRpt/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FIToFIPmtStsRpt/GrpHdr/CreDtTm	2019-10-07T15:02:00.001+00:00
Transaction Information And Status	
Original Group Information	
Original Message Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlGrpInf /OrgnlMsgId	Inp010b006-BAHId
Original Instruction Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlInstrId	Inp010b006-InsId
Original End To End Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlEndTo EndId	Inp009b006-E2EId
Original UETR /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlUETR	e010b006-59c5-41e9-be4c-d45102fc201e
Transaction Status /Document/FIToFIPmtStsRpt/TxInfAndSts/TxSts	RJCT
Status Reason Information /Document/FIToFIPmtStsRpt/TxInfAndSts/StsRsnInf/R sn/Prtry	E067

Additional Information
/Document/FIToFIPmtStsRpt/TxInfAndSts/StsRsnInf/A
ddtInf

Payment order revoked

Usage case example: pacs.002_CLM_FIPaymentStatusReport_RJCT_bs006.xml

43 EUROSISTEM UPDATE [Internal review]: page 603 (CLM UDFS-chapter 13.4.2.3 The message in business context); [Internal review, Remedy: INC000000293657]: page 604-605 (CLM UDFS-chapter 13.4.2.3 The message in business context); page 607-608 (CLM UDFS-chapter 13.4.2.3 The message in business context), page 608-610 (CLM UDFS-chapter 13.4.2.3 The message in business context)

Add clarification that CONP amount is a delta amount.

Table 238 - FinancialInstitutionCreditTransfer (pacs.009)

Message item	Utilisation
[...]	
Local Instrument Proprietary Code /Document/FICdtTrf/CdtTrfTxInf/PmtTpInf/LclInstrm/Pr try	A payment by a CB to a CLM Account Holder that triggers both a decrease of the credit line on the MCA of the CLM Account Holder and an immediate credit of its account to compensate the change in the credit line. CONP = Connected Payment Format: CONP/Amount <u>Credit line change amount to be provided as delta amount.</u>

Enhance the examples as the pacs.009 has been updated to meet CLM CBO requirements, i.e. no two MCAs in a payment order.

Usage case: Financial Institution Credit Transfer Order (Scenario 001)

In this usage example, the business sender (CB) has requested the ~~payment movement~~ of EUR 85,000 from ~~a CLM Account its account~~ (with BIC "~~COBADEFFXXX~~" ~~MARKDEFFXXX~~) to a ~~PB MCA CLM Account~~ (with BIC "SOLADESTXXX") to be warehoused until 27 October 2019.

Table 239 - FICreditTransfer (pacs.009) – usage case Financial Institution Credit Transfer Order (Scenario 001)

Message item	Utilisation
[...]	
Payment Parties	
Instructing Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BI CFI	COBADEFFXXX MARKDEFFXXX
Instructed Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BI CFI	SOLADESTXXX
Debtor /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/BICFI	COBADEFFXXX MARKDEFFXXX

Creditor /Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/BICFI	SOLADESTXXX
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Change the text of scenario 002. The order is to decrease the credit line (CONP is always delta amount), without a simultaneous balancing and there is no GL impact.

Usage case: Financial Institution Credit Transfer Order (Scenario 002)

In this usage example, the business sender (CB) has requested a decrease of the credit line granted to the CLM default MCA (with BIC "SOLADESTXXX") by a value of EUR 100,000. The expectation is that this payment order will be settled immediately (i.e. no queueing), a connected payment (CONP) adjustment to the credit line of a CLM Account (with BIC "SOLADESTXXX") to a value of EUR 100,000 with a simultaneous balancing credit movement from its own CLM Account (with BIC "MARKDEFFXXX"). This is to take place on the same day as the message was created and sent on 8 October 2019. The expectation is that this payment will be settled, with the subsequent creation of a PaymentStatusReport (pacs.002) [□□591], BankToCustomerDebitCreditNotification (camt.054) [□□493], and relevant entries in the BankToCustomerStatement (camt.053) [□□482] and General ledger (camt.053) [□□544] for the 8 October business day.

Enhance the examples as the pacs.009 has been updated to meet CLM CBO requirements, i.e. no two MCAs in a payment order.

Usage case: Financial Institution Credit Transfer Order (Scenario 003)

In this usage example, the business sender (CB) has requested the payment movement of EUR 450,000 from a CLM Account its account (with BIC "~~COBADEFFXXX~~" MARKDEFFXXX") to a PB MCA CLM Account (with BIC "SOLADESTXXX") with a settlement date of 8th October 2019. for payment the following day (i.e. warehoused).

The message was created and sent on 7 October at 14:15 CET with a settlement date of 8 October. Therefore, it is expected that this payment will be warehoused until the following day.

Table 241 - FICreditTransferOrder (pacs.009) – usage case Financial Institution Credit Transfer Order (Scenario 003)

Message item	Utilisation
[...]	
Payment Parties	
Instructing Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BI CFI	COBADEFFXXX <u>MARKDEFFXXX</u>
Instructed Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BI CFI	SOLADESTXXX
Debtor /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/BICFI	COBADEFFXXX <u>MARKDEFFXXX</u>
Creditor /Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/BICFI	SOLADESTXXX

Usage case: Financial Institution Credit Transfer Order (Scenario 004)

In this usage example, the business sender (CB) has requested the payment movement of EUR 285,000 from a CLM Account its account (with BIC "~~COBADEFFXXX~~" MARKDEFFXXX") to a PB MCA CLM Account (with BIC "SOLADESTXXX") with a settlement date of 8th October 2019. for payment the following day (i.e. warehoused).

The message was created and sent on 7 October at 14:15 CET with a settlement date of 9 October. Therefore, it is expected that this payment will be warehoused until the following day.

Table 242 - FICreditTransferOrder (pacs.009) – usage case Financial Institution Credit Transfer Order (Scenario 004)

Message item	Utilisation
[...]	
Payment Parties	
Instructing Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BI CFI	COBADEFFXXX MARKDEFFXXX
Instructed Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BI CFI	SOLADESTXXX
Debtor /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/BICFI	COBADEFFXXX MARKDEFFXXX
Creditor /Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/BICFI	SOLADESTXXX

44 EUROSISTEM UPDATE [Internal review]: page 613 (CLM UDFS-chapter 13.4.3.3 The message in business context); [Internal review, Remedy: INC000000293657]: page 614-617 (CLM UDFS-chapter 13.4.3.3 The message in business context)

Add clarification that CONP amount is a delta amount.

Table 243 - FinancialInstitutionDirectDebit (pacs.010)

Message item	Utilisation
[...]	
Payment Type Information Proprietary /Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/PmtTpInf/L clInstrm/Prtry	<p>Code list used by CLM as follows.</p> <p>I CONP = Connected payment. A payment by a CB to a CLM Account Holder that triggers both an increase of the credit line on the MCA of the CLM Account Holder and an immediate debit of its account to compensate the change in the credit line.</p> <p>Format: CONP/Amount.</p> <p><u>Credit line change amount to be provided as delta amount.</u></p> <p>I BLKD = Blocked for CBs use only to transfer funds from the seizure of funds reservation. Any bilaterally agreed code word entered by a CB in regards of CBOs.</p> <p>The code words are not validated by CLM.</p>

Enhance the examples as the pacs.010 has been updated to meet CLM CBO requirements, i.e. no two MCAs in a payment order.

Usage case: Financial Institution Direct Debit Order (Scenario 005)

In this usage example, the business sender (CB) has requested a direct debit of EUR 25,000 from a ~~CLM Account PB MCA~~ (with BIC "COBADEFFXXX") to ~~a CLM its CB~~ Account (with BIC "~~SOLADESTXXX~~" "~~MARKDEFFXXX~~") ~~with a settlement date of to be warehoused until~~ 27 October 2019.

The message was created and sent on 7 October, therefore it is expected that this will fail validation because it is beyond the maximum warehousing period.

Table 244 - FinancialInstitutionDirectDebit (pacs.010) – usage case Financial Institution Direct Debit Order (Scenario 005)

Message item	Utilisation
[...]	
Credit Instruction	
Credit Identification /Document/FIDrctDbt/CdtInstr/CdtId	Inp010b005-CdtId
Instructing Agent BIC /Document/FIDrctDbt/CdtInstr/InstgAgt/FinInstnId/BIC FI	SOLADESTXXX MARKDEFFXXX
Instructed Agent BIC /Document/FIDrctDbt/CdtInstr/InstdAgt/FinInstnId/BIC FI	COBADEFFXXX
Creditor /Document/FIDrctDbt/CdtInstr/Cdtr/FinInstnId/BICFI	SOLADESTXXX MARKDEFFXXX

Usage case: Financial Institution Direct Debit Order (Scenario 006)

In this usage example, the business sender (CB) has requested a direct debit movement of EUR 36,000 from a GLM Account PB MCA (with BIC "COBADEFFXXX") to a CLM its CB Account (with BIC "~~SOLADESTXXX~~" "~~MARKDEFFXXX~~") in respect of a seizure of funds, with a same day settlement date of 7th October. ~~for settlement the following day (i.e. warehoused). The message was created and sent on 7 October at 09:00:00 CET with a settlement date of 8 October. Therefore, it is expected that this payment will be warehoused until the following day.~~

Table 245 - FinancialInstitutionDirectDebit (pacs.010) – usage case Financial Institution Direct Debit Order (Scenario 006)

Message item	Utilisation
[...]	
Credit Instruction	
Credit Identification /Document/FIDrctDbt/CdtInstr/CdtId	Inp010b006-CdtId
Instructing Agent BIC /Document/FIDrctDbt/CdtInstr/InstgAgt/FinInstnId/BIC FI	SOLADESTXXX MARKDEFFXXX
Instructed Agent BIC /Document/FIDrctDbt/CdtInstr/InstdAgt/FinInstnId/BIC FI	COBADEFFXXX
Creditor /Document/FIDrctDbt/CdtInstr/Cdtr/FinInstnId/BICFI	SOLADESTXXX MARKDEFFXXX
Direct Debit Transaction Information	
Payment Identification	
Instruction Identification /Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/PmtId/Instr Id	Inp010b006-InsId
End To End Identification /Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/PmtId/End ToEndId	Inp010b006-E2EId
UETR	e010b006-59c5-41e9-be4c-d45102fc201e

/Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/PmtId/UETR	
Interbank Settlement Amount /Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/IntrBkSttlmAmt	EUR 36000
Interbank Settlement Date /Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/IntrBkSttlmDt	2019-10-08 <u>2019-10-07</u>

Usage case: Financial Institution Direct Debit Order (Scenario 007)

In this usage example, the business sender (CB) has requested a direct debit movement of EUR 47,000 from a ~~CLM Account PB MCA~~ (with BIC "COBADEFFXXX") to ~~a CLM its CB Account~~ (with BIC "~~SOLADESTXXX~~" "~~MARKDEFFXXX~~") with a settlement date of 9 October, for settlement in two days time (i.e. warehoused).

The message was created and sent on 7 October at 09:00:00 CET with a settlement date of 9 October. Therefore, it is expected that this payment will be warehoused for two days.

Table 246 - FinancialInstitutionDirectDebit (pacs.010) – usage case Financial Institution Direct Debit Order (Scenario 007)

Message item	Utilisation
[...]	
Credit Instruction	
Credit Identification /Document/FIDrctDbt/CdtInstr/CdtId	Inp010b007-CdtId
Instruction Agent BIC /Document/FIDrctDbt/CdtInstr/InstgAgt/FinInstnId/BICFI	SOLADESTXXX <u>MARKDEFFXXX</u>
Instructed Agent BIC /Document/FIDrctDbt/CdtInstr/InstdAgt/FinInstnId/BICFI	COBADEFFXXX
Creditor /Document/FIDrctDbt/CdtInstr/Cdtr/FinInstnId/BICFI	SOLADESTXXX <u>MARKDEFFXXX</u>

RTGS

45 EUROSISTEM UPDATE [JIRA CSLDME-1089/1090]: page 45 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors)

Clarification on determination of outbound communication channel for payment instructions.

Table 3 - Deduction of PTA

RTGS business data exchanges	Communication channel	Deduction of PTA
Notifications as response to an instruction	Store-n-forward message – based <u>Store-n-forward File - based</u>	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.
[...]		
Revocation of payment orders and rejection of cash transfer orders	Store-n-forward message based <u>Store-n-forward File - based</u>	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).

46 EUROSISTEM UPDATE [Internal review]: page 110 (RTGS UDFS-chapter 5.3.4 Warehoused payment orders)

Clarification on used timestamp in case of warehoused payments.

[...]

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. The timestamp is set when the business validations are performed. During each revalidation process the timestamp is adapted. 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.

[...]

47 EUROSISTEM UPDATE [SDD-CN0036]: page 144 (RTGS UDFS-chapter 5.4.2 AS settlement procedure A)

Complementing Figure.

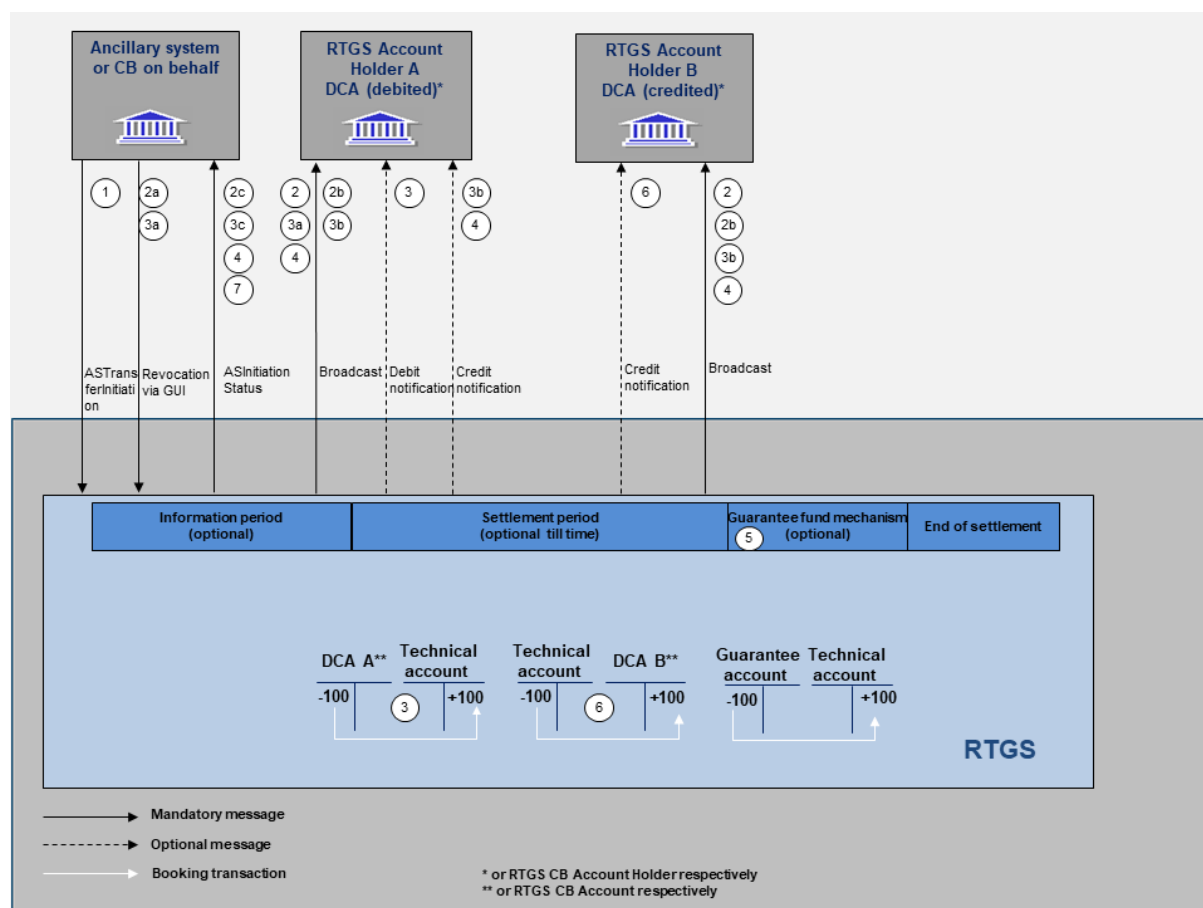


Figure 2 - Flow standard multilateral settlement (AS settlement procedure A)

48 EUROSYSYSTEM UPDATE [SDD-CN0036]: page 149f. (RTGS UDFS-chapter 5.4.3 AS settlement procedure B

Complementing Figure and Table.

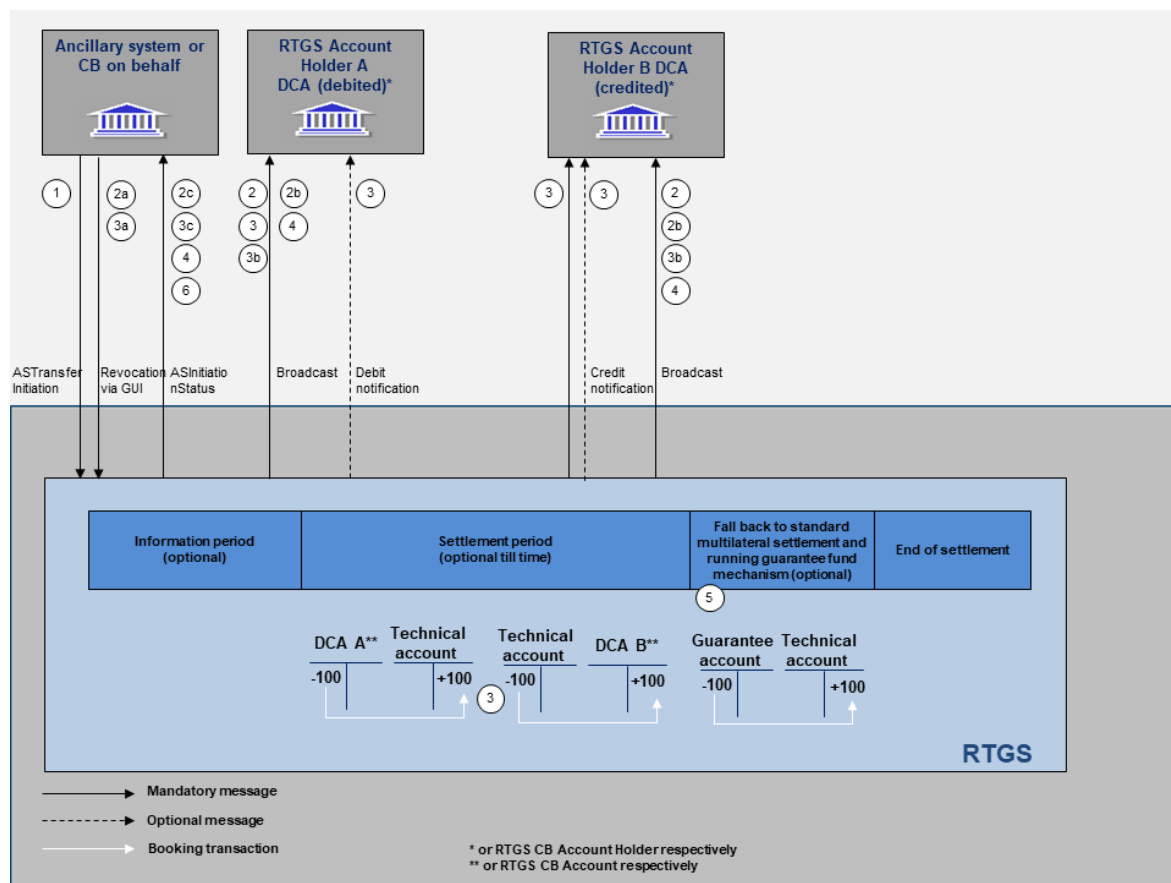


Table 56 - Process flow for simultaneous multilateral settlement

Phase	Step	Processing in/between	Description
[...]	[...]	[...]	[...]
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. 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</p>

			debited. (Note: It is not foreseen to provide this broadcast in A2A)
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49 EUROSISTEM UPDATE [SDD-CN0036]: page 170 (RTGS UDFS-chapter 5.4.5 AS settlement procedure E)

Complementing Figure and Diagram.

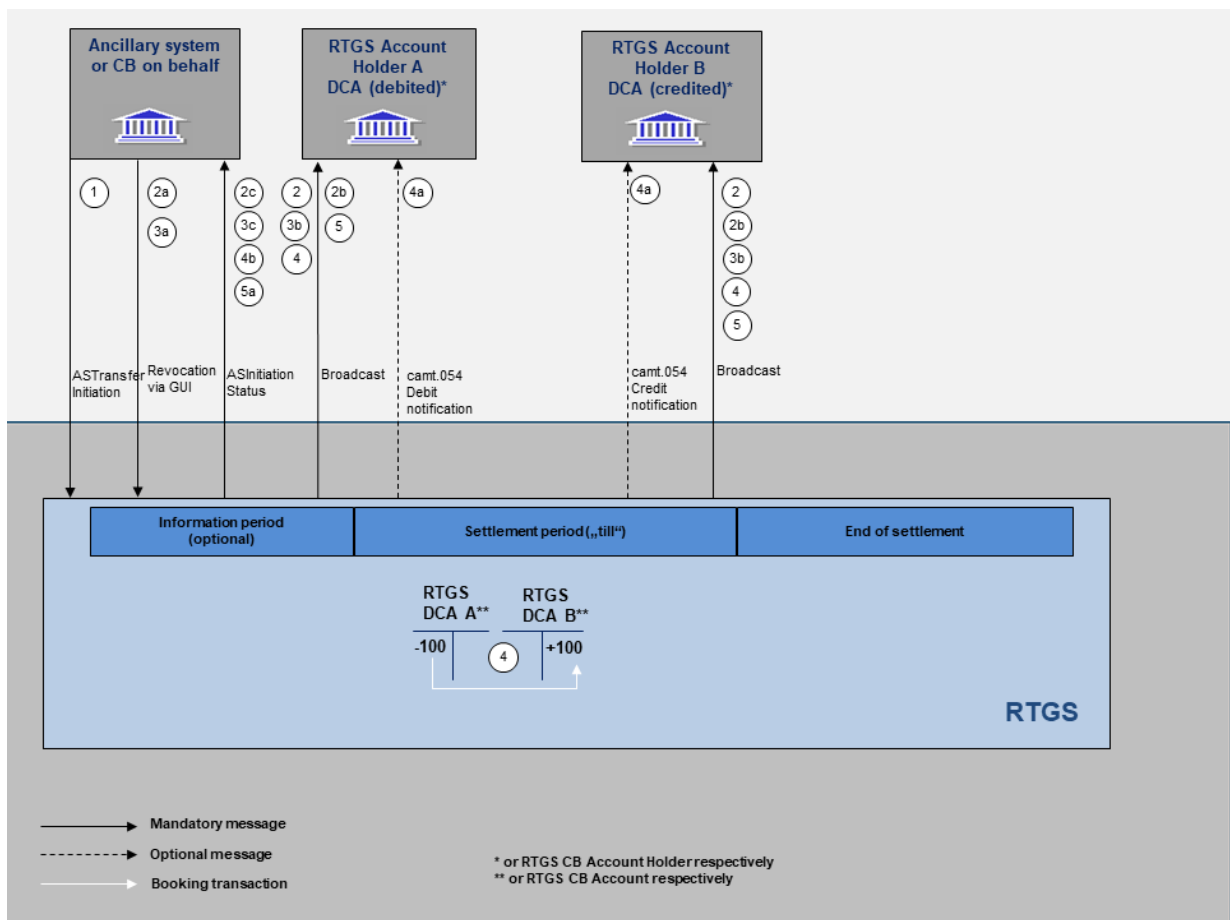


Figure 4 - Flow of the bilateral settlement of simultaneously sent debits and credits (AS settlement procedure E)

Table 62 - Process flow for AS settlement procedure E

Phase	Step	Processing in/between	Description
Information period	[...]	[...]	[...]
	2b	RTGS via ESMIG to AS settlement banks and ancillary system	[...]
[...]	[...]	[...]	[...]
[...]	[...]	[...]	[...]
RTGS	5		If the AS (or the relevant CB on its behalf) has indicated a settlement

			<p>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. <u>All AS settlement banks impacted by the settlement failure 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.</u></p>
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50 EUROSISTEM UPDATE [JIRA CSLDME-1052]: page 173 (RTGS UDFS-chapter 5.4.6.2 Information period)

Clarification that the needed liquidity is not available in the information provided to AS settlement banks.

The information period option allows AS settlement banks a more efficient liquidity management ~~giving the possibility of knowing in advance the liquidity needed~~ for the settlement of a specific AS transfer

[..]

Table 64 - Process flow information period with disagreement

Action	Step	Interaction	Description
[...]			
Information period	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 B DCA (credited or RTGS CB Accounts respectively) are informed via GUI broadcast on the indicated 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) [; 440] – ...

51 EUROSISTEM UPDATE [SDD-CN0036]: page 178 (RTGS UDFS-chapter 5.4.6.4 Guarantee funds mechanism)

Complementing Figure.

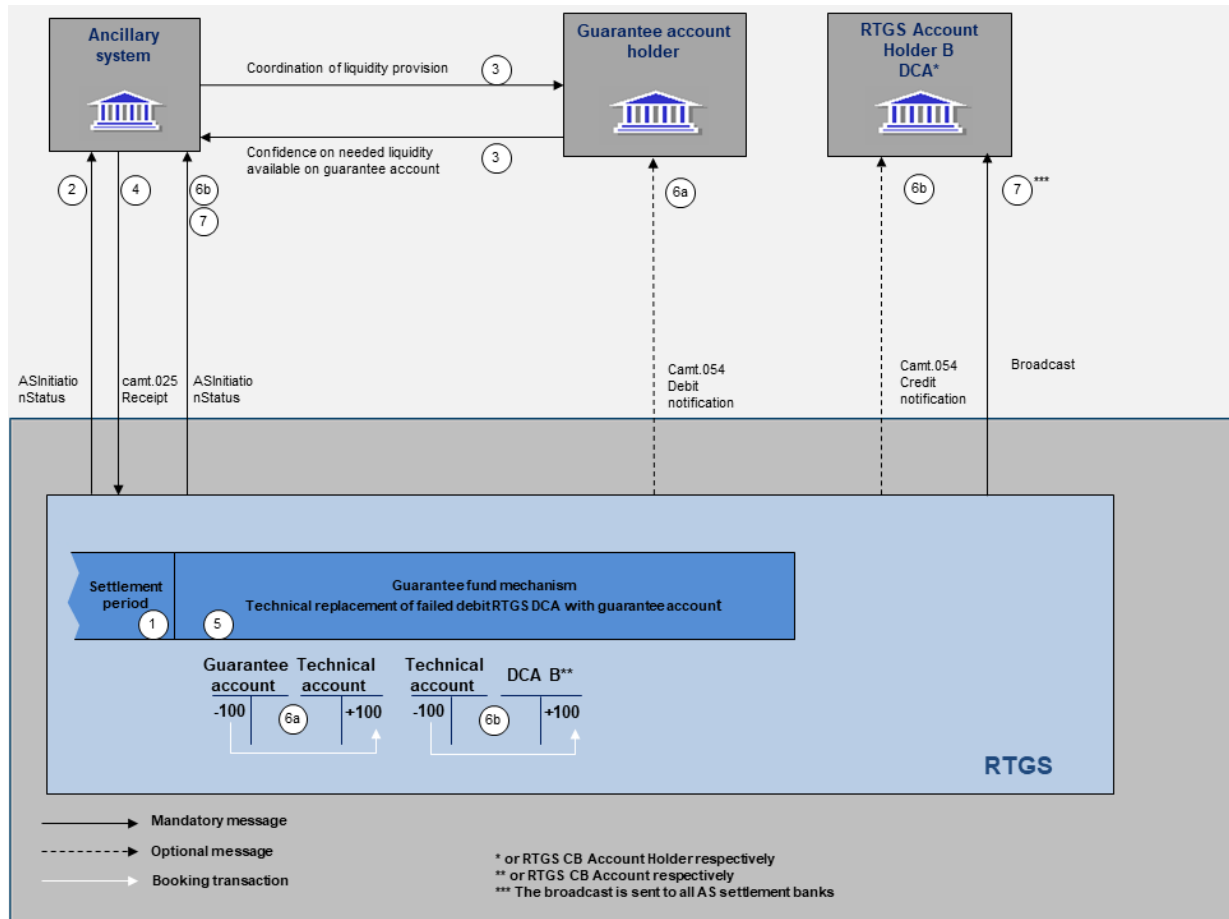


Figure 5 - Flow guarantee fund

52 EUROSISTEM UPDATE [SDD-CN0036]: page 239f. (RTGS UDFS-chapter 5.6.4.1 Settlement-related broadcasts)

Complementing Table.

Table 91 - Settlement-related broadcasts in RTGS⁹

Business case	U2A availability	A2A availability	Linked business description	Linked process description
[...]				
AS settlement procedure A – AS batch message revoked	[...]	[...]	[...]	Process AS batch revocation broadcast
[...]				
AS settlement procedure B – AS				Process AS batch revocation

batch message revoked				broadcast
[...]	[...]	[...]	[...]	[...]
AS settlement procedure E - Reject for blocking of a settlement bank or an AS settlement bank or an AS				
[...]	[...]	[...]	[...]	[...]
AS settlement procedure E - revocation of AS transfer order				Process AS batch revocation broadcast
[...]	[...]	[...]	[...]	[...]
<u>AS settlement procedure E - settlement failure</u>	<u>Yes</u>	<u>Yes</u>	<u>AS settlement procedure E [including link to UDFS section 5.4.5]</u>	<u>Reject cash transfer order" [including link to UDFS section 9.16]</u>

53 EUROSISTEM UPDATE [CSLDME-864]: page 244f. (RTGS UDFS-chapter 5.9 Subscription for a debit or credit notification, table 94)

Short clarification on Business case description for code LSIE added through footnote.

Table 1 - Business case description

Business case code for message subscription	Business case description (subject to camt.054 message subscription)
Liquidity transfers	
[...]	[...]
LRQP	Rule-based liquidity transfers - Queued RTGS payment or queued AS transfer
LSIE ¹ <u>(add footnote)</u>	Standing order liquidity transfers - Inter-service
LSIA	Standing order liquidity transfers - Intra-service (incl. AS-related)

1 For standing order liquidity transfers between RTGS and CLM

54 EUROSISTEM UPDATE [Internal review]: page 244 (RTGS UDFS-chapter 5.9 The life cycle of a business case)

Introduction of information on the life cycle of a business case.

5.9 The life cycle of a business case

5.9.1 Concept

A business case groups all messages, cash transfer (orders) and/or tasks linked to a party's order (initiated via U2A or A2A) or a system-generated activity based on party configuration. It is identified by a unique identifier dynamically assigned by RTGS to the business case, adopts different processing states during its lifecycle and is related to one or more entities depending on the underlying business case (e.g. payment or limit change).

These possible entities are

- inbound file (only for initiation with Business File Header (head.002)).
- inbound message (only for initiation via A2A), AS batch message,
- cash transfer (order),
- task (e.g. resulting from modifications of the cash transfer) and
- outbound message.

All these entities share the same unique Business Case ID.

The current processing state of each linked entity is described by its own status. For further information on status values and possible status transitions please refer to chapter 5.6.1.3 'Status management process'. The status of a cash transfer in combination with the information on related entities provides the possibility to track the whole life cycle of a cash transfer.

5.9.2 Business Case ID specificities

An inbound file is completely processed after its successful splitting. Thus the business case for the inbound file is finalised after splitting. RTGS handles each single message (extracted from the inbound file) separately.

When RTGS receives an inbound message including a cash transfer order, it assigns a unique Business Case ID to this message. In case of an AS batch message all cash transfer orders included in the message inherit this Business Case ID. If an outbound message is created for these cash transfers then the same Business Case ID is assigned to the outbound message.

Any modification of a cash transfer order is represented by a task in RTGS which inherits the Business Case ID from the cash transfer order to be modified. If the modification is instructed through a ModifyTransaction (camt.007) message then this message is assigned the same Business Case ID as the inbound message of the relevant cash transfer order. This Business Case ID is also allocated to the resulting Receipt (camt.025) message. Thus all messages related to this business case can be searched for within RTGS by using the Business Case ID.

If RTGS receives a FIToFIPaymentCancellationRequest (camt.056) message including a revocation, then this message is assigned the Business Case ID of the cash transfer order to be revoked. In case this message leads to a recall, then the camt.056 message is assigned a new Business Case ID different from the Business Case ID of the cash transfer to be recalled.

A BankToCustomerStatement (camt.053) message includes the Business Case ID in the entry details for every cash transfer not containing an instruction Id or End-to-End ID. Details are provided in BankToCustomerStatement (camt.053).

The Business Case ID is always unique within RTGS. An inter-service liquidity transfer received by RTGS and subsequently processed in CLM gets two different Business Case IDs: one is created within RTGS and one is created within CLM. RTGS and CLM do not 'share' the same Business Case ID for the inter-service liquidity transfer.

5.9.3 Cash Transfer Category and Business Case Codes for various features

A Business Case Code is a four-letter code indicating the business context of a business case related to a cash transfer. A Business Case Code classifies a Business Case but does not clearly identify it (several Business Cases may share the same Business Case Code)

RTGS uses codes for various cases:

- For message subscription, RTGS sends a debit notification or credit notification (camt.054) to a business receiver if the account holder has subscribed for the message in CRDM. It is used to confirm the credit or debit of a certain entry on one of the account holder's RTGS cash accounts.
- For provision of entry details in camt.053 and camt.054
- For cash transfer query and query response (camt.005 and camt.006)

In the context of U2A and A2A cash transfer queries and query responses, the cash transfer category is a four-letter code indicating the business context of each cash transfer.

55 EUROSISTEM UPDATE [Internal review]: page 253f. (RTGS UDFS-chapter 6.7 Contingency Services)

Alignment of term within RTGS UDFS and with ECONS II UDFS.
--

Contingency Services for T2, called Enhanced Contingency Solution (ECONS -II) aim at addressing a situation where the T2 Service (i.e. CLM and RTGS) is not available due to a major technical failure or a successful cyber attack, which may not allow for a recovery of T2 in another site or region. In such circumstances, ECONS -II allows to resume the processing of critical transactions for a period of up to five consecutive business days.

[...]

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

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

56 EUROSISTEM UPDATE [SDD-CN0036]: page 325/326 (RTGS UDFS-chapter 9.14.7.1 Description)

Update in figure and respective description

One of the following rejection cases triggers this sub-process:

- I AS batch revoked ~~due to the disagreement after finalisation of information period on cash transfer order~~ or due to the disagreement on AS batch from blocking in RTGS (see “Disagree on cash transfer order or AS batch due to blocking in RTGS”);
- I guarantee fund mechanism not invoked (see “Notify guarantee fund mechanism initiation”);
- I guarantee fund mechanism unsuccessful (see “Trigger guarantee fund mechanism use”);
- I Cut-off RTGS RTS II processing (see “Process business day event “Cut-off for RTGS RTS II”).”

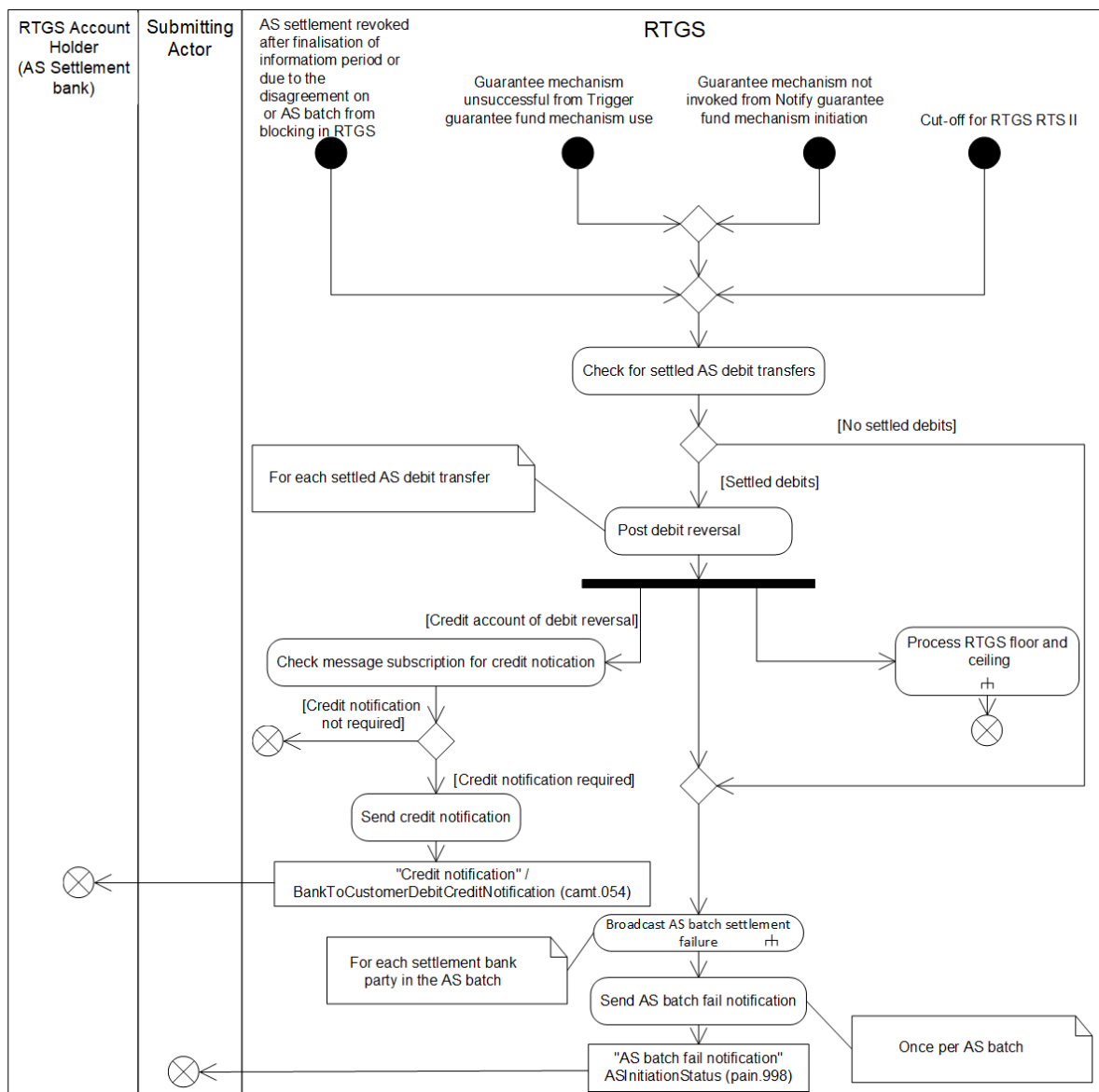


Figure 82 - Terminate AS processing for AS settlement procedure A or B

57 EUROSISTEM UPDATE [SDD-CN0036]: page 347 (RTGS UDFS-chapter 9.14.21.1 Description)

Clarification.

[...]

The process is triggered by the revocation of an AS batch **during information period** and continues with the sub-process "Process AS **batch**-revocation broadcast" for each AS settlement bank party in the AS batch. Afterwards, the processing continues with the process step "Send AS batch fail notification".

58 EUROSISTEM UPDATE [SDD-CN0036]: page 348 (RTGS UDFS-chapter 9.14.22 Process AS batch revocation broadcast)

Clarification.

The headline needs to be updated - New: "9.14.22 Process AS ~~batch~~ revocation broadcast"

59 EUROSISTEM UPDATE [SDD-CN0036]: page 348 (RTGS UDFS-chapter 9.14.22.1 Description)

Clarification.

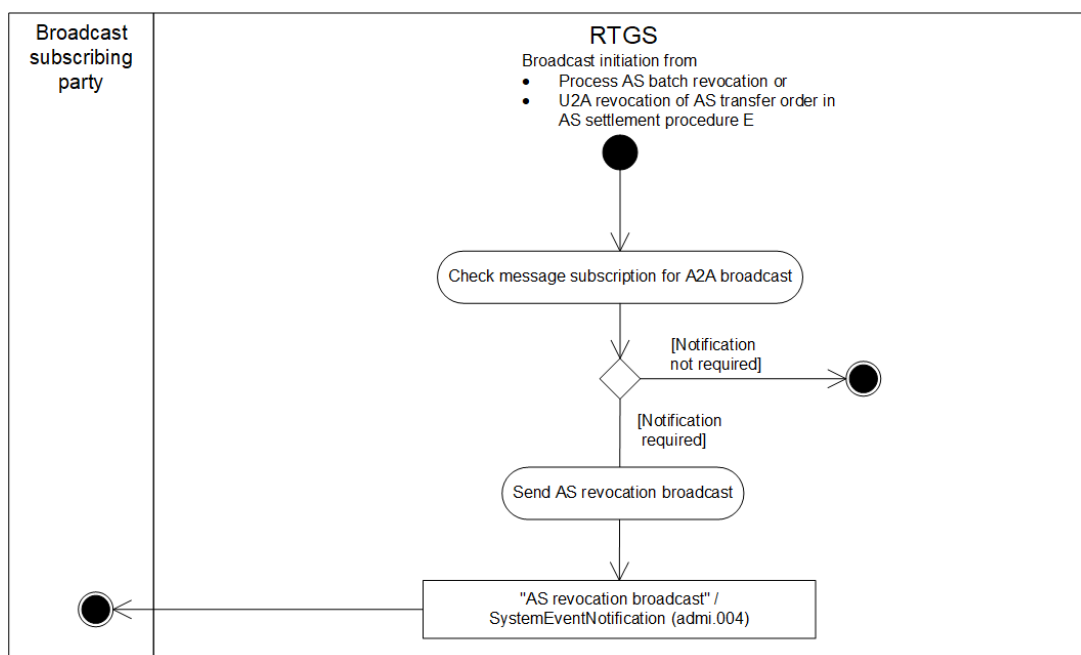


Figure 6 - Process AS ~~batch~~ revocation broadcast

This sub-process is triggered

- for AS batches in AS settlement procedures A and B during information period by the process "Process AS batch revocation" and
- for AS transfer orders in AS settlement procedures E by "U2A revocation of AS transfer order in AS settlement procedure E".

The sub-process starts with the process step "Check message subscription for A2A broadcast".

Check message subscription for A2A broadcast

This process step checks whether a message subscription for A2A broadcasts exists. In case such subscription exists, the processing continues with "Send AS ~~batch~~ revocation broadcast".

Send AS ~~batch~~ revocation broadcast

This process step creates an "AS ~~batch~~ revocation broadcast"/SystemEventNotification (admi.004) and sends it to the broadcast subscribing party.

60 EUROSYSYSTEM UPDATE [SDD-CN0036]: page 349 (RTGS UDFS-chapter 9.14.22.2 Messages)

Clarification.

Table 2 - Outbound message for process AS ~~batch~~ revocation broadcast"

Message description/usage	ISO message	ISO code
AS batch revocation broadcast	[...]	[...]

61 EUROSISTEM UPDATE [SDD-CN0036]: page 349 (RTGS UDFS-chapter 9.16.1 Description)

Clarification.

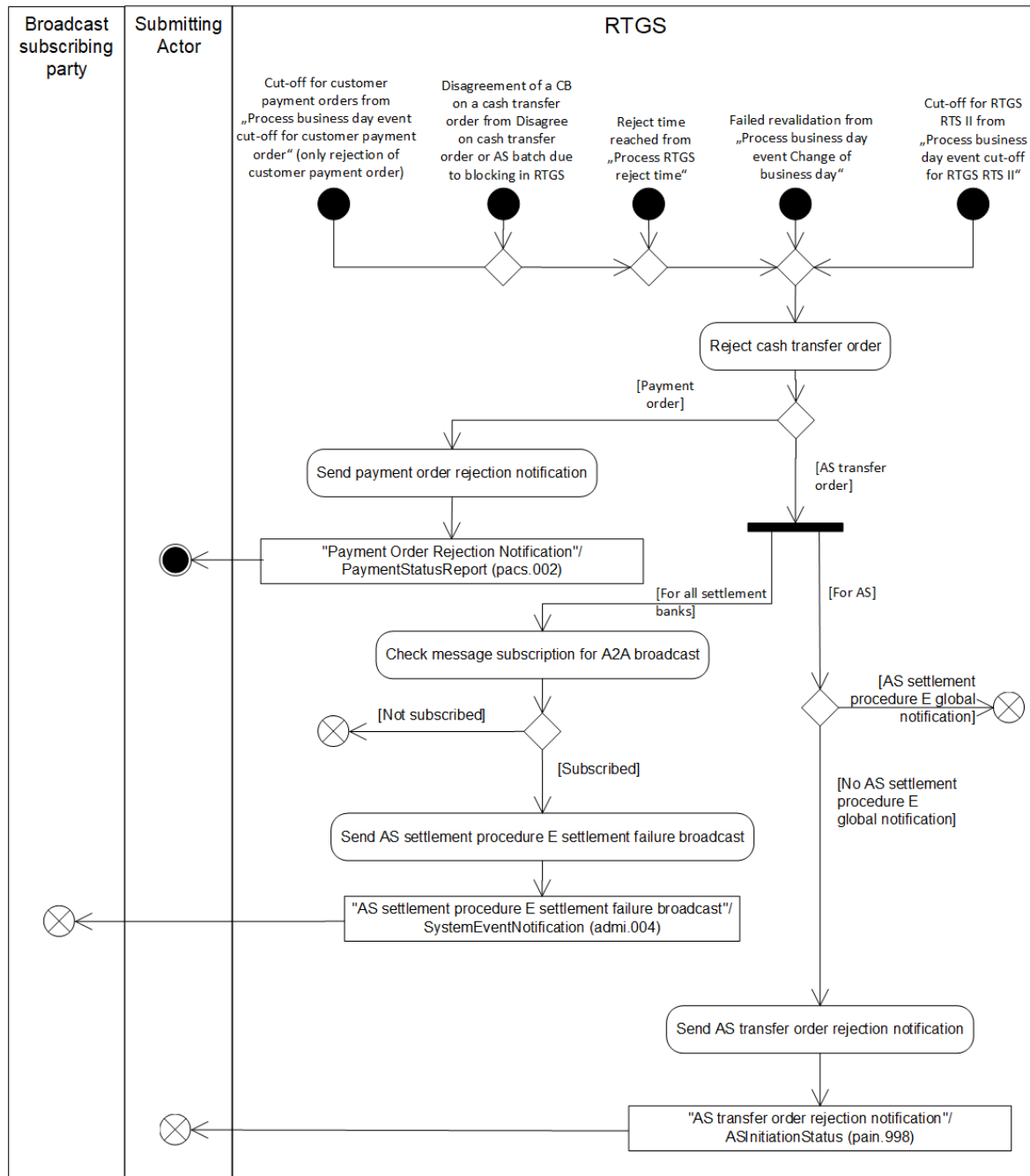


Figure 100 - Reject cash transfer order

[...]

Send AS transfer order rejection notification

This processing step sends the "AS transfer order rejection notification"/ASInitiationStatus (pain.998) [} 829] to the submitting actor

Check message subscription for A2A broadcast

This process step checks whether a message subscription for A2A broadcasts exists. In case such subscription exists, the processing continues with "Send AS settlement procedure E settlement failure broadcast".

Send AS settlement procedure E settlement failure broadcast

This process step creates an " AS settlement procedure E settlement failure broadcast"/SystemEventNotification (admi.004) and sends it to the broadcast subscribing party.

62 EUROSYSYSTEM UPDATE [SDD-CN0036]: page 354 (RTGS UDFS-chapter 9.16.2 Messages)

Clarification.

Table 147 – Outbound messages for reject cash transfer order

Message description/usage	ISO message	ISO code
[...]	[...]	[...]
<u>AS settlement procedure E settlement failure broadcast</u>	<u>SystemEventNotification</u>	<u>admi.004 (including link to UDFS message description, chapter 12.1.1)</u>

63 EUROSYSYSTEM UPDATE [ECB/TSWG review RTGS UDFS v2.2, CSLD-JIRA 994] page 395-396 (RTGS UDFS-chapter 11.2.3 Outbound traffic exceeding given size limitations)

Clarification.

11.2.3 Inbound and Outbound message ~~traffic exceeding given~~ size limitations

~~Traffic Messages~~ sent to or from RTGS ~~is are~~ subject to a given technical size limitations ~~deriving from transport layer restrictions~~. This chapter aims to explain which network service should be used for communication between RTGS actors' back-end applications and RTGS in relation to size of a message.

In particular, the use of a certain communication channel depends on two factors:

I business purpose of a message (e.g. instruction or query etc.)

I message size.

Hence, this chapter should be read in conjunction with chapter **2.5 Communication between RTGS and RTGS Actors**, which explains the choice of the right network service.

The message exchange limitations, i.e. system limitations are defined at a size of 32 KB and 32 MB both for inbound and outbound messages.

Table xxx – Message size

Network service	Maximum size
Message-based	32 KB (KB=2 ¹⁰)
File-based	32 MB (MB=2 ²⁰)

Note: The system limitations purely relate to the size of exchanged messages, i.e. it is completely decoupled from the terminology of 'file' in context with BusinessFileHeader (head.002). Meaning that also a 'file' with envelope BusinessFileHeader (head.002) can be sent via store-n-forward message-based network service if the message size does not exceed 32 KB. Likewise, a "message" with envelope BusinessApplicationHeader (head.001) can be sent via store-n-forward file-based network service if the message size does not exceed 32 MB.

The current exchange limit is foreseen at a size of 32 KB both for inbound and outbound traffic. In case of exchanges exceeding the maximum foreseen size technical solutions within RTGS allow for adequate processing of the exchanges and the contained information. The solution envisaged differs according to RTGS inbound and outbound traffic.

For RTGS inbound traffic there is no need for the RTGS Actor to send information in one shot by making use of repetitive fields of a single message. Exceeding the maximum size of 32 KB does thus not happen. Instead of conveying the information in one (big) exchange the RTGS Actor can send two single (small) exchanges. In contrast to outgoing messages there is no need to see them as "one unit".

RTGS inbound

Depending on the size of each message, or file, the following network services are provided:

I message-based network service (real-time or if applicable, store-n-forward);

I file-based network service (only store-n-forward);

To fulfil the network service specific requirements, the RTGS Actors have to consider that the message-based network service is limited to submissions of up to 32 KB whereas the file-based network service allows submissions of up to 32 MB.

For RTGS outbound traffic the size limitation of 32 KB could lead to exchanges not being transmitted as their content unavoidably exceeds the maximum size. This is particularly the case for query responses and reports where a considerable amount of information referring to the same business case needs to be transported.

When the size of an outbound exchange exceeds the aforementioned size of 32 KB, RTGS automatically switches from a message-based network service to a file-based network service allowing for a maximum file size transmission of 32 MB. By doing so, splitting of the exchange into different business messages below the 32 KB maximum limit can be avoided.

RTGS outbound

The rules put forward in the above paragraph are also applicable for outbound messages.

~~For a query received via real-time message-based network service, if the query response exceeds the given 32 KB size limitation, the network service will be switched to store-n-forward file-based network service. ESMIG then sends a ReceiptAcknowledgement message (admi.007) to inform the business sender of the query using the original real-time message-based network about the switch of network service. For further information, see ESMIG UDFS, chapter "ESMIG data exchange information".~~

~~For a query received via real-time message-based network service, the network service will be switched if the query response exceeds the 32 KB size restriction for message-based network service. ESMIG then sends an error response message to the business sender of the query via the real-time network service in which the query was received. For further information, see ESMIG UDFS, chapter "Message-based and File-Based Real-Time".~~
The query response is then provided in the store-n-forward network service.

In case a query response, ~~or a report~~, also exceeds the maximum size of file-based network service of 32 MB, the RTGS outbound exchange message will be ~~may~~ split in several parts. This may be the case for:

BankToCustomerStatement (camt.053) [□ 637] (statement of account is considered as both a query response as well as and a report) and ReturnTransaction (camt.006) [□ 521].

~~In order to~~ To advise that a query response ~~or a~~ report was split, the business payload element <MsgPgntn> is ~~foreseen~~ used to indicate "pagination" for ReturnTransaction (camt.006) [□ 521] and BankToCustomerStatement (camt.053) [□ 637].

~~For the camt.053 BankToCustomerStatement, a specific procedure has been defined for RTGS. The convention is to split the payload at element BkToCstmrStmnt/Stmnt/Ntry.~~

~~For camt.053 a specific procedure for splitting is implemented. In order to avoid exchange parts exceeding 32 MB, the BankToCustomerStatement (camt.053) [□ 637] is split at element BkToCstmrStmnt/Stmnt/Ntry in the business payload.~~

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

~~The application takes care~~ RTGS ensures that the fixed elements plus the repetitive elements do not exceed 32 MB.

64 EUROSISTEM UPDATE [Internal Review RTGS UDFS v.2.2]: page 412-413 (RTGS UDFS-chapter 11.5 Business Scenarios); [ECB/TSWG review RTGS UDFS v2.2, CSLD-JIRA 1073]: page 436 (RTGS UDFS-chapter 11.5 Business Scenarios)

Update Business Scenarios table.

Correct typo in business scenario 23: pacs.004 (instead of pacs,004).

Correct typos in business scenarios table: replace pacs.056 with camt.056.

Introduce 5 new rows in scenarios table (in numerically correct place). RTGS provides full message (BAH+Document) and (BFH+BAH+Document) examples in MyStandards.

Table 162 - Table of Business scenarios

Business scenario	Overview	Message examples
[...]		
Scenario 023 – RTGS pacs.004 successful return	A pacs.008 payment message is fully processed and settled. [...]. Rather than a reply to the camt.056, a pacs.004 (return) is sent into RTGS which settles. The inbound pacs.004 is forwarded to the next business receiver in the payment chain as an outbound pacs.004 and a pacs.002 status	[...]

	report is sent to the sender of the pacs.004.	
[...]		
Scenario 027 – RTGS pacs.056 camt.056 (for settled pacs.009-URGT) rejected	[...]	[...]
[...]		
Scenario 031 – RTGS pacs.056 camt.056 (for settled pacs.010) rejected	[...]	[...]
[...]		
Scenario 582 – procedure E mixed settlement	[...]	[...]
<u>Scenario 911 – Full inbound message (BAH + camt.011)</u>	<u>A camt.011 limit message is sent into RTGS with its associated BAH. This scenario includes no further processing, as it is designed only to provide an example of a full inbound message transmission.</u>	<u>Full-Inmessage RTGS full-head.001 camt.011 bs911.xml</u> <u>Note: this example is an attachment to the head.001 Usage Guideline in MyStandards</u>
<u>Scenario 912 – Full outbound message (BAH + camt.025)</u>	<u>A camt.025 receipt message is sent from RTGS with its associated BAH. It is being sent to the sender of a previous inbound message which resulted in this camt.025 response. This scenario includes no other processing, as it is designed only to provide an example of a full outbound message transmission.</u>	<u>Full-Outmessage RTGS full-head.001 camt.025 bs912.xml</u> <u>Note: this example is an attachment to the head.001 Usage Guideline in MyStandards</u>
<u>Scenario 913 – Full inbound file (BFH + 2x(BAH + pacs.009))</u>	<u>An inbound file containing 2 pacs.009 payment messages is sent to RTGS. This scenario includes no further processing, as it is designed only to provide an example of a full inbound file transmission.</u>	<u>Full-Infile RTGS full-head.002 2xpacs.009 bs913.xml</u> <u>Note: this example is an attachment to the head.001 Usage Guideline in MyStandards</u>
<u>Scenario 915 – Full inbound message (BAH + pacs.008)</u>	<u>A pacs.008 payment message is sent into RTGS with its associated BAH. This scenario includes no further processing, as it is designed only to provide an example of a full inbound payment message transmission.</u>	<u>Full-Inmessage RTGS full-head.001 pacs.008 bs915.xml</u> <u>Note: this example is an attachment to the head.001 Usage Guideline in MyStandards</u>
<u>Scenario 916 – Full outbound message (BAH + pacs.008)</u>	<u>A pacs.008 payment message is sent from RTGS with its associated BAH. It is being sent to the next entity in the payment chain following successful settlement of the inbound pacs.008 in RTGS. This scenario includes no other processing, as it is designed only to provide an example of a full</u>	<u>Full-Outmessage RTGS full-head.001 pacs.008 bs916.xml</u> <u>Note: this example is an attachment to the head.001 Usage Guideline in MyStandards</u>

	<u>outbound payment message transmission.</u>	
Scenario 998 – RTGS camt.053 customer statement	[...]	[...]

65 EUROSISTEM UPDATE [Internal review SDD-CN-PBR-0036/PBI-215613]: page 442-447 (RTGS UDFS-chapter 12.1.1.3 The message in business context); page 452-453 (RTGS UDFS-chapter 12.1.1.3 The message in business context); page 454-455 (RTGS UDFS-chapter 12.1.1.3 The message in business context); page 455 (RTGS UDFS-chapter 12.1.1.3 The message in business context)

Deletion of event codes QUEA, QUEB, QUEE, EXCA, EXCB, EXCC, EXCD, EXCE and ASEX and the related event parameters.

Delete 8th parameter defined for event code REVE.

Replace "exclusion" by "blocking" and align examples (ex: blocking of an AS, time limit, lack of liquidity) in 3rd parameter for event codes SEFA and SEFB.

Correction of naming of event codes REVA and REVB.

Table 164 - SystemEventNotification (admi.004)

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	<p>Broadcast type:</p> <p>REJT (Reject)</p> <p>TILL (Till)</p> <p>FREE (Free)</p> <p>QUEE (Procedure E – Queuing for liquidity)</p> <p>EXCE (Procedure E – Rejection for blocking of Settlement Bank)</p> <p>REVE (Procedure E - Revocation of transaction)</p> <p>SEFE (Procedure E - Settlement failure)</p> <p>INFE (Procedure E - Information period)</p> <p>DISE (Procedure E - Transaction revoked for disagreement)</p> <p>ASEX (Procedure E – AS excluded during Information Period)</p> <p>INFA (Procedure A - Information period)</p> <p>DISA (Procedure A - Batch revoked for disagreement)</p> <p>REVA (Procedure A - Batch revoked by CB or AS)</p> <p>EXCA (Procedure A – Batch rejected for blocking of a SB)</p> <p>QUEA (Procedure A – Queuing for liquidity)</p> <p>SEFA (Procedure A - Settlement failure)</p> <p>INFB (Procedure B - Information period)</p> <p>DISB (Procedure B - Batch revoked for disagreement)</p> <p>REVB (Procedure B - Batch revoked by CB or AS)</p> <p>EXCB (Procedure B – Batch rejected for blocking of a SB)</p> <p>QUEB (Procedure B – Queuing for liquidity)</p> <p>SEFB (Procedure B - Settlement failure)</p> <p>EXCC (Procedure C – Rejection for blocking of Settlement Bank)</p> <p>EXCD (Procedure D – Rejection for blocking of a Settlement Bank or an AS)</p>
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	<p>Parameters for event code REJT:</p> <p>parameter 1: Account Identification of the debit account;</p> <p>parameter 2: Original settlement priority.</p> <p>Parameters for event code TILL:</p> <p>parameter 1: Account ID of the debit account;</p> <p>parameter 2: Original settlement priority.</p> <p>Parameters for event code QUEE:</p> <p>parameter 1: BIC of the ancillary system concerned;</p> <p>parameter 2: Reference of the ASTransferInitiation;</p> <p>parameter 3: Instruction Identification of the related payment;</p> <p>parameter 4: End-to-end identification of the related payment;</p> <p>parameter 5: Amount of the related payment;</p> <p>parameter 6: Account debited in RTGS;</p> <p>parameter 7: Account credited in RTGS.</p> <p>Parameters for event code EXCE:</p> <p>parameter 1: BIC of the ancillary system concerned;</p> <p>parameter 2: Reference of the ASTransferInitiation;</p> <p>parameter 3: Instruction ID of the related payment;</p> <p>parameter 4: End-to-end identification of the related payment;</p>

	<p>parameter 5: Amount of the related payment; parameter 6: Account debited in RTGS; parameter 7: Account credited in RTGS; parameter 8: BIC of the excluded settlement bank.</p> <p>Parameters for event code REVE: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Instruction ID of the related payment; parameter 4: End-to-end identification of the related payment; parameter 5: Amount of the related payment; parameter 6: Account debited in RTGS; parameter 7: Account credited in RTGS; parameter 8: BIC of the settlement bank for which the transaction is revoked.</p> <p>Parameters for event code SEFE: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Status reason code at group level (ex: exclusion of an ancillary system) <u>Instruction Identification of the related payment</u> <u>Parameter 4: EndToEndIdentification of the related payment</u> <u>Parameter 5: Amount of the related payment</u> <u>Parameter 6: Account debited in RTGS</u> <u>Parameter 7: Account credited in RTGS</u></p> <p>Parameters for event code INFE: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Start of settlement time (end of information period time).</p> <p>Parameters for event code DISE: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Instruction ID of the related payment; parameter 4: End-to-end identification of the related payment; parameter 5: Amount of the related payment; parameter 6: Account debited in RTGS; parameter 7: Account credited in RTGS.</p> <p>Parameters for event code ASEX: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation;</p> <p>Parameters for event code INFA: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Start of settlement time (end of information period time).</p> <p>Parameters for event code DISA: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation.</p> <p>Parameters for event code REVA:</p>
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	<p>parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation.</p> <p>Parameters for event code EXCA: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: BIC of the excluded settlement bank;</p> <p>Parameters for event code QUEA: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Instruction Identification of the related payment; parameter 4: End-to-end identification of the related payment; parameter 5: Amount of the related payment; parameter 6: Account debited in RTGS; parameter 7: Account credited in RTGS;</p> <p>Parameters for event code SEFA: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Status reason code at group level (ex: exclusion <u>blocking</u> of an ancillary system, time limit).</p> <p>Parameters for event code INFB: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; Parameter 3: Start of settlement time (end of Information Period time)</p> <p>Parameters for event code DISB: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation.</p> <p>Parameters for event code REVB: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation.</p> <p>Parameters for event code EXCB: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: BIC of the excluded settlement bank;</p> <p>Parameters for event code QUEB: Parameter 1: BIC of the AS concerned Parameter 2: Reference of the ASTransferInitiation</p> <p>Parameters for event code SEFB: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Status reason code at group level (ex: exclusion <u>blocking</u> of an ancillary system, time limit, lack of liquidity).</p> <p>Parameters for event code EXCG: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the ASTransferInitiation; parameter 3: Instruction ID of the related payment;</p>
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	parameter 4: End-to-end identification of the related payment; parameter 5: Amount of the related payment; parameter 6: Account debited in RTGS; parameter 7: Account credited in RTGS; parameter 8: BIC of the excluded settlement bank. Parameters for event code EXCD: parameter 1: BIC of the ancillary system concerned; parameter 2: Reference of the AStTransferInitiation; parameter 3: Instruction ID of the related payment; parameter 4: End-to-end identification of the related payment; parameter 5: Amount of the related payment; parameter 6: BIC of the excluded settlement bank.
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Correction of status reason code

Table 172 - SystemEventNotification (admi.004) – procedure B settlement failure – SEFB (Scenario 522)

Message item	Utilisation
[...]	
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	RJSPA084

Remove 8th parameter and change the BIC in 7th parameter to align with message example.

Table 174 - SystemEventNotification (admi.004) – procedure E mixed settlement (Scenario 582 REVE)

Message item	Utilisation
[...]	
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	SOLADEST600
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	SOLADEST600 UBSWCHZHXXX
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	UBSWCHZHXXX
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2020-02-06T12:25:00.001+00:00

Update Table xxx (on page 455) - SystemEventNotification (admi.004) – procedure E mixed settlement (Scenario 582 SEFE) by the following information.

Add a table number to the table.

Table xxx - SystemEventNotification (admi.004) – procedure E mixed settlement (Scenario 582 SEFE)

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	SEFE
Event Parameter	MARKDEFFCLC

Document/SysEvtNtfctn/EvtInf/EvtParam	
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	Inp998b582-GrpId
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	PART Inp998b582-InsId3
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	Inp998b582-E2EIdC
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	9600
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	UBSWCHZHXXX
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	SOLADEST861
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2020-02-06T12:30:01.001+00:00

66 EUROSYSYSTEM UPDATE [Internal review RTGS UDFS v2.2]: page 469 (RTGS UDFS-chapter 12.2.2.3 The message in business context)

In case of end of procedure no multilateral balance is filled if no back transfer of liquidity is done. Hence an adjustment of the annotation of camt.004 is required for tag "Multilateral Balance" in table 183.

Table 183 - ReturnAccount (camt.004)

Message item	Utilisation
[...]	
<p>Multilateral Balance RTGS Push notification-Use:</p> <p>1) "Floor/ceiling notification": One occurrence of <MulBal> message block provides information on the floor or ceiling notification trigger amount (FLOR/CEIL) and another occurrence of <MulBal> on the current balance (CRRT) after settlement of the cash transfer which breached the floor/ceiling notification trigger amount.</p> <p>2) "Sub-account balances notification": Message block is not provided - if triggering event codes in <Msgld>: "DAYSOP", "OVNSOP", "DAYSOC", "OVNSOC" and Sub-account balance is equal to "0"- <u>or</u> - if triggering event codes in <Msgld>: "DAYEOP", "OVNEOP" and no liquidity on sub-accounts is transferred back.</p> <p>Otherw ise multiple occurrences of <MulBal> message block are provided according to possible balance types to be reported f or each <AcctRpt> occurrence.</p> <p>3) "Originator AS transfer settlement notification": Multiple occurrences of <MulBal> message block are provided according to possible balance types to be reported for the single <AcctRpt> occurrence. RTGS Query response-Use: Multiple occurrences of <MulBal> message block according to possible balance types per status and per credit/debit indication for each <AcctRpt> occurrence.</p>	

67 EUROSISTEM UPDATE ECB Jira ticket CSLD-1067]: page 473 (RTGS UDFS-chapter 12.2.2.3 The message in business context)

Correct xpath in examples.

Usage case: Return Account FLOR (Scenario 83)

[...]

Table 184 - ReturnAccount (camt.004) – usage case Return Account FLOR

[...]	
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Amt	100000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Tp/ CdPrty	FLOR
Multilateral Balance	

Usage case: Return Account CEIL (Scenario 83)

[...]

Table 185 - ReturnAccount (camt.004) – usage case Return Account CEIL

[...]	
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Amt	500000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/ MulBal/Tp/ CdPrty	CEIL
Multilateral Balance	

68 EUROSISTEM UPDATE [ECB Jira ticket CSLD-1052]: page 505 (RTGS UDFS-chapter 12.2.3.3 The message in business context); [SDD CN 0045/JIRA 1088]: page 515 (RTGS UDFS-chapter 12.2.3.3 The message in business context);

Add information to status code STLE that information period is not included in this position.

Amend annotation of Instruction copy indicator element.

Table 195 - GetTransaction (camt.005)

Message item	Utilisation
[...]	[...]

Pending Status /Document/GetTx/TxQryDef/TxCrit/NewCrit/SchCrit/PmtSch/Sts/PmtInstrSts/PdgSts	I STLE - Related UDFS Status: Earmarked <u>excl. Information Period</u> I STLM = Related UDFS Status: Information Period (for AS transfers only) I ACPD - Related UDFS Status: Warehoused I PSTL - Related UDFS Status: Queued
[...]	[...]
Instruction Copy Indicator /Document/GetTx/TxQryDef/TxCrit/NewCrit/RtrCrit/PmtRtrCrit/InstrCpyInd	Indicator is used to <u>request query the parts of message string a copy</u> of a cash transfer (order), i.e. Payment and liquidity transfer (order): i.e. I Payment and liquidity transfer (order): <BAH> (without signature) and <Document> I AS transfer (order): <GroupHeader> and single <PaymentIdentification> <u>partblock</u> from AS batch related to the account reported in the query response

69 EUROSISTEM UPDATE [ECB Jira ticket CSLD-1052]: page 524 (RTGS UDFS-chapter 12.2.4.3 The message in business context); [SDD CN 0045/JIRA 1088]: page 526 (RTGS UDFS-chapter 12.2.4.3 The message in business context)

Add information to status code STLE that information period is not included in this position.

Amend annotation of Instruction Copy element.

Table 202 - ReturnTransaction (camt.006)

Message item	Utilisation
[...]	[...]
Status Code Pending /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/Sts/Cd/Pdg	I ACPD = Related UDFS Status: Warehoused I STLE - Related UDFS Status: Earmarked <u>excl. Information Period</u> I STLM = Related UDFS Status: Information Period (for AS transfer only) I PSTL = Related UDFS Status: Pending
[...]	[...]
Instruction Copy /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/Pmt/InstrCpy	Provides the message string of a cash transfer (order) <u>initiated via XML message</u> consisting of: I for AS transfer (order)s: GroupHeader + single PaymentInformation related to reported AS transfer (order) from AS batch without BAH I for <u>all other</u> cash transfer (order)s <u>via A2A (pacs.004/008/009/010 and camt.050) and U2A (pacs.004/008/009): BAH + payloadDocument</u> The message string is provided in CDATA format.

70 EUROSISTEM UPDATE [ECB Jira ticket CSLD-1134]: page 543 (RTGS UDFS-chapter 12.2.4.3 The message in business context);

Addition of Country Code element in the camt.006

Usage case: RTGS Return Transaction camt.006 (Scenario 306)

[...]

Table 207 - ReturnTransaction (camt.006) – usage case Account holder requesting a single transaction with all fields (Scenario 306)

[...]	
Business Report – Transaction Report – Transaction – Payment To	
Payment To BIC /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/PmtTo/Mmbld/FinInstnId/BICFI	COBADEFFXXX
<u>Payment To Country</u> /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/PmtTo/Ctry	<u>DE</u>
Business Report – Transaction Report – Transaction – Payment From	
Payment From BIC /Document/RtrTx/RptOrErr/BizRpt/TxRpt/TxOrErr/Tx/PmtFr/Mmbld/FinInstnId/BICFI	UBSWCHZHXXX

71 EUROSYSYSTEM UPDATE [ECB Jira ticket CSLD-970]: page 606 (RTGS UDFS-chapter 12.2.14.3 The message in business context); page 609-611 (RTGS UDFS-chapter 12.2.14.3 The message in business context); page 612-613 (RTGS UDFS-chapter 12.2.14.3 The message in business context); page 615-617 (RTGS UDFS-chapter 12.2.14.3 The message in business context)

Changes in camt.029 regarding Assigner and Assignee.

Correction of 'Utilisation' for Assigner and Assignee elements.

Table 258 - ResolutionOfInvestigation (camt.029)

Message item	Utilisation
Assignment	
[...]	[...]
Assigner Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgnr/Agt/FinInstnId/BICFI	<p>Equivalent to the <InstructingAgent> of the underlying payment order or payment. When inbound to RTGS: <Assigner> from the camt.056 which was previously forwarded to the business receiver of camt.056. When outbound from RTGS: <Assigner> from the triggering camt.056. <u>Revoke:</u> <u>When RTGS responds to a camt.056 with a camt.029, the Assigner remains unchanged, i.e. it is copied from the camt.056.</u></p> <p><u>Recall:</u> <u>Inbound to RTGS: when RTGS receives a camt.029, the Assigner is the Sender of the message.</u> <u>Outbound from RTGS: when RTGS forwards the camt.029 to the business receiver, the Assigner remains unchanged, i.e. is copied from the inbound camt.029.</u></p>
Assignee Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgne/Agt/FinInstnId/BICFI	<p>Equivalent to the <InstructedAgent> of the underlying payment order or payment. When inbound to RTGS: <Assignee> from the camt.056 which was previously forwarded to the business receiver of camt.056. When outbound from RTGS: <Assignee> from the triggering camt.056.</p> <p><u>Revoke</u> <u>When RTGS responds to a camt.056 with a camt.029, the Assignee remains unchanged, i.e. it is copied from the camt.056.</u></p> <p><u>Recall:</u></p>

	<u>Inbound to RTGS: when RTGS receives a camt.029, the Assignee is the Receiver of the message.</u> <u>Outbound from RTGS: when RTGS forwards the camt.029 to the business receiver, the Assignee remains unchanged, i.e. is copied from the inbound camt.029.</u>
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Change Assigner and Assignee BIC in business scenario 022.

Table 260 - ResolutionOfInvestigation (camt.029) – usage case Payment Recall Confirmation Or Rejection – Inbound (Scenario 022)

Message item	Utilisation
Assignment	
Identification /Document/RsltOfInvstgtn/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgnr/Agt/FinIn stnId/BICFI	UBSWCHZHXXX <u>COBADEBB120</u>
Assignee Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgne/Agt/FinIn stnId/BICFI	<u>COBADEBB120</u> UBSWCHZHXXX

Table 261 - ResolutionOfInvestigation (camt.029) –usage case Counterparty Payment Recall Confirmation Or Rejection (Scenario 022)

Message item	Utilisation
Assignment	
Identification /Document/RsltOfInvstgtn/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgnr/Agt/FinIn stnId/BICFI	UBSWCHZHXXX <u>COBADEBB120</u>
Assignee Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgne/Agt/FinIn stnId/BICFI	<u>COBADEBB120</u> UBSWCHZHXXX

Correct typo in Assigner BIC in business scenario 023.

Table 262 - ResolutionOfInvestigation (camt.029) –usage case Payment Order Revocation Request – Successful return (Scenario 023)

Message item	Utilisation
Assignment	
Identification /Document/RsltOfInvstgtn/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgnr/Agt/FinIn stnId/BICFI	SOLADESTXXX <u>SOLADEST600</u>
Assignee Agent BIC /Document/RsltOfInvstgtn/Assgnmt/Assgne/Agt/FinIn stnId/BICFI	COBADEFFXXX

Correct typos: replace pacs.056 with camt.056.

[...]

Usage case: Payment Order Revocation Execution Notification (Scenario 026)

[...] To ensure clarity, the camt.029 message includes several data copied from the requesting ~~paes.056~~ camt.056 message: the original message ID, the original end-to-end identification and the UETR.

[...]

Usage case: Payment Order Revocation Execution Notification (Scenario 030)

In this usage example, RTGS is advising the business sender of a previous camt.056 (payment cancellation request) that the direct debit (with UETR: "e010b030-59c5-41e9-be4c-d45102fc201e") has been successfully cancelled and will never reach settlement. To ensure clarity, the camt.029 message includes several data copied from the requesting ~~paes.056~~ camt.056 message:

[...]

Usage case: Revocation/Recall Rejection Notification (Scenario 027)

In this usage example, RTGS is advising the business sender of a previous camt.056 (payment cancellation request) that the cancellation request has been rejected and the payment remains fully settled. To ensure clarity, the camt.029 message includes several data copied from the requesting ~~paes.056~~ camt.056 message

[...]

Usage case: Revocation/Recall Rejection Notification (Scenario 031)

In this usage example, RTGS is advising the business sender of a previous camt.056 (payment cancellation request) that the cancellation request has been rejected and the direct debit remains eligible for settlement. To ensure clarity, the camt.029 message includes several data copied from the requesting ~~paes.056~~ camt.056 message: [...]

72 EUROSISTEM UPDATE [ECB Jira ticket CSLD-1150]: page 651 (RTGS UDFS-chapter 12.3.1.3 The message in business context)

Align text in UDFS table 284 with annotation in MyS.

Table 284 - BankToCustomerDebitCreditNotification (camt.054)

Message item	Utilisation
Assignment	
[...]	[...]
Value Date /Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/ValDt/ Dt	In the case of backup payments, booking date and value date could deviate from each other <u>Date of RTGS business day of the settlement on the RTGS cash account.</u>

73 EUROSISTEM UPDATE [ECB Jira ticket CSLD-1063]: page 725-735 (RTGS UDFS-chapter 12.3.1.3 The message in business context)

head.001 Differences in x-path definitions between UDFS and MyStandards. Remove "/Document" in all x-paths.

Table 327 - BusinessApplicationHeader (head.001)

Message item	Utilisation
From	
Financial Institution Identification /Document /AppHdr/Fr/FIId/FinInstnId/BICFI	BIC of the business sender
Clearing System Identification /Document /AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/ClrSysId/Prtry	Clearing system identification is not used by RTGS. On an inbound message it will be ignored. On an outbound message it will not be filled by RTGS.

Clearing System Member Identification /Document /AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/Mmbld	The clearing system member identification is used to indicate system user reference in inbound messages and is a logical piece of information that allows the identification of one system user in the reference data for a privilege check. Clearing system member identification must be present on BAH level in the case of a single message. In case of multiple messages, clearing system member identification is not present.
Other Identification /Document /AppHdr/Fr/FIId/FinInstnId/Othr/Id	Other identification is not used by RTGS. On an inbound message it will be ignored. On an outbound message it will not be filled by RTGS.
To	
Financial Institution Identification /Document /AppHdr/To/FIId/FinInstnId/BICFI	BIC of the business receiver
Other Identification /Document /AppHdr/To/FIId/FinInstnId/Othr/Id	Other identification is not used by RTGS. On an inbound message it will be ignored. On an outbound message it will not be filled by RTGS.
Header Details	
Business message ID /Document /AppHdr/BizMsgIdr	Inbound message: Unique message ID assigned by the business sender. This reference is part of the BAH duplicate check within RTGS. Outbound message: Contains the unique message ID assigned by RTGS.
Message Definition Identifier /Document /AppHdr/MsgDefIdr	Message Identifier is checked by RTGS for incoming BAH (the message type has to be supported by RTGS). In case of outgoing BAH the published ISO Message Identifier corresponding to the message payload which follows is used. For pacs.009, it will also be indicated if the payment is a CORE or COV payment. Example: pacs.009.001.08COV and pacs.009.001.08CORE
Creation Date /Document /AppHdr/CreDt	Date and time the business message was created Only ZULU time is used.
Copy Duplicate /Document /AppHdr/CpyDplct	In case a business sender is sending a duplicate of a business payload the code "DUPL" is used. CODU and COPY not used. The value is ignored by RTGS and forwarded to the business receiver.
Possible Duplicate /Document /AppHdr/PssblDplct	If a technical sender is sending the message because there is doubt of the previous receiving of the message, this possible duplicate of message will be flagged with "true" – therefore, it could also be the case that the original message meanwhile has been received. When there are no doubts the technical sender is flagging with "false". The value is ignored by RTGS and forwarded to the business receiver.
Priority /Document /AppHdr/Prty	Not used for RTGS
Signature /Document /AppHdr/Sgntr	Certificate which identifies the business sending user in combination with the Clearing system member identification 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 a single message.

Related /Document/ AppHdr/Rltd	Inbound: If provided in inbound payment order message or inbound camt.056 or inbound camt.029 it is ignored by RTGS and provided within the forwarded outbound payment message or forwarded outbound camt.056 or forwarded outbound camt.029. The block <Related> is not mapped into any response or notification.
---	--

Usage case: RTGS Message - Inbound (Scenario 013)

[...]

Table 328 - BusinessApplicationHeader (head.001) – usage case RTGS Message - Inbound (Scenario 013)

Message item	Utilisation
From	
Financial Institution Identification /Document/ AppHdr/Fr/FIId/FinInstnId/BICFI	MARKDEFFXXX
Member Identification /Document/ AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/Mmbld	BizSenderb013UserId
To	
Financial Institution Identification /Document/ AppHdr/To/FIId/FinInstnId/BICFI	TRGTXEPMRTG
Header Details	
Business Message Identifier /Document/ AppHdr/BizMsgIdr	Inc050b013-BAHId
Message Definition Identifier /Document/ AppHdr/MsgDefIdr	camt.050.001.05
Creation Date /Document/ AppHdr/CreDt	2019-10-07T10:00:00Z
Copy Duplicate /Document/ AppHdr/CpyDplct	DUPL
Signature /Document/ AppHdr/Sgntr	Signature details not available for example message

Usage case: RTGS Message - Inbound (Scenario 014)

[...]

Table 329 - BusinessApplicationHeader (head.001) – usage case RTGS Message - Inbound (Scenario 014)

Message item	Utilisation
From	
Financial Institution Identification /Document/ AppHdr/Fr/FIId/FinInstnId/BICFI	COBADEFFXXX
Member Identification /Document/ AppHdr/Fr/FIId/FinInstnId/ClrSysMmbld/Mmbld	BizSenderb014UserId
To	
Financial Institution Identification /Document/ AppHdr/To/FIId/FinInstnId/BICFI	SOGEFRPPHCM
Header Details	
Business Message Identifier /Document/ AppHdr/BizMsgIdr	Inp009b014-BAHId
Message Definition Identifier /Document/ AppHdr/MsgDefIdr	pacs.009.001.08CORE
Creation Date /Document/ AppHdr/CreDt	2019-10-07T13:25:00Z
Signature /Document/ AppHdr/Sgntr	Signature details not available for example message

Usage case: RTGS Message - Outbound (Scenario 014)

[...]

Table 330 - BusinessApplicationHeader (head.001) – usage case RTGS Message - Outbound (Scenario 014)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	COBADEFFXXX
To	
Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	SOGEFRPPHCM
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Oup009b014-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefIdr	pacs.009.001.08CORE
Creation Date /Document/AppHdr/CreDt	2019-10-07T13:26:00.001Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

Usage case: RTGS Message - Outbound (Scenario 015)

[...]

Table 331 - BusinessApplicationHeader (head.001) – usage case RTGS Message - Outbound (Scenario 015)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	TRGTXEPMRTG
To	
Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	COBADEFFXXX
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Ouc054b015-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefIdr	camt.054.001.08
Creation Date /Document/AppHdr/CreDt	2019-10-08T09:42:30.001Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

Usage case: RTGS Message – Inbound (Scenario 016)

[...]

Table 332 - BusinessApplicationHeader (head.001) – usage case RTGS Message – Inbound (Scenario 016)

item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	COBADEFFXXX
Member Identification /Document/AppHdr/Fr/FIId/FinInstnId/CtrSysMmbld/Mmbld	BizSenderb016Userld
To	

Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	TRGTXEPMRTG
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Inc050b016-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefIdr	camt.050.001.05
Creation Date /Document/AppHdr/CreDt	2019-10-07T13:05:00Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

Usage case: RTGS Message - Inbound (Scenario 019)

[...]

Table 333 - BusinessApplicationHeader (head.001) – usage case RTGS Message - Inbound (Scenario 019)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	COBADEFFXXX
Member Identification /Document/AppHdr/Fr/FIId/FinInstnId/CtrSysMmbld/Mmbld	BizSenderb019UserId
To	
Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	SOGEFRPPHCM
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Inp009b019-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefIdr	pacs.009.001.08COV
Creation Date /Document/AppHdr/CreDt	2019-10-07T13:25:00Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

Usage case: RTGS camt.011 limit modification completes (Scenario 069)

[...]

Table 334 - BusinessApplicationHeader (head.001) – usage case RTGS camt.011 limit modification completes – Inbound (Scenario 069)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/Fr/FIId/FinInstnId/BICFI	UBSWCHZHXXX
Member Identification /Document/AppHdr/Fr/FIId/FinInstnId/CtrSysMmbld/Mmbld	BizSenderb069UserId
To	
Financial Institution Identification /Document/AppHdr/To/FIId/FinInstnId/BICFI	TRGTXEPMRTG
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Inc011b069-BAHId

Message Definition Identifier /Document/AppHdr/MsgDefldr	camt.011.001.07
Creation Date /Document/AppHdr/CreDt	2019-10-07T11:50:00Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

[...]

Table 335 - BusinessApplicationHeader (head.001) – usage case RTGS camt.011 limit modification completes – Outbound (Scenario 069)

Message item	Utilisation
From	
Financial Institution Identification /Document/AppHdr/FinInstnId/BICFI	TRGTXEPMRTG
To	
Financial Institution Identification /Document/AppHdr/FinInstnId/BICFI	UBSWCHZHXXX
Header Details	
Business Message Identifier /Document/AppHdr/BizMsgIdr	Ouc011b069-BAHId
Message Definition Identifier /Document/AppHdr/MsgDefldr	camt.025.001.05
Creation Date /Document/AppHdr/CreDt	2019-10-07T11:51:00.000Z
Signature /Document/AppHdr/Sgntr	Signature details not available for example message

74 EUROSYSYSTEM UPDATE [Internal Review]: page 735-738 (RTGS UDFS-chapter 12.3.2.3 The message in business context)

head.002 Differences in x-path definitions between UDFS and MyStandards. Remove “/Document” in all x-paths.

Table 336 - BusinessFileHeader (head.002)

Message item	Utilisation
Payload Identifier /Document/Xchg/PyldDesc/PyldDtIs/PyldIdr	The BFH is used to receive several business messages within one file to RTGS. The BFH is used for inbound communication only. Under a single BFH, every business message within the file has to be an ISO 20022 (or ISO compliant) message together with its BAH.
Creation Date Time /Document/Xchg/PyldDesc/PyldDtIs/CreDtAndTm	Time offset is mandatory for BFH sent to RTGS
Possible Duplicate /Document/Xchg/PyldDesc/PyldDtIs/PssblDplctFlg	If a technical sender is sending the message because there is doubt of previously receiving the file, this possible duplicate of file will be flagged with “true” – therefore it could also be the case that the original file meanwhile has been received. When there are no doubts the technical sender is flagging with “false”. The value is ignored by the RTGS.
System User /Document/Xchg/PyldDesc/AppISpcfcInf/SysUsr	The system user reference is a logical piece of information that allows the identification of one system user in the reference data for a privilege check. The

	provision of the system user reference is mandatory for inbound BFH and replaces the use of Clearing system member identification at BAH level. If the Clearing system member identification is additionally provided on BAH level, the BFH user will be used and the BAH user will be ignored.
Signature /Document/Xchg/PyldDesc/ApplSpcfcInf/Sgntr	Certificate, which identifies the business sending user in combination with the system user for files. The signature is part of the file header (BFH). It is over the list of BAHs, ISO 20022 messages and their head.003 wrappers. If the signature is additionally provided on BAH-level within the single message, the BFH signature will be used and the BAH signature will be ignored.
Total Number Of Documents /Document/Xchg/PyldDesc/ApplSpcfcInf/TtlNbOfDocs	Total number of messages contained within the file. Not validated by RTGS.
Payload Type Details /Document/Xchg/PyldDesc/PyldTpDtls/Tp	Only ISO 20022 allowed. Exchanged payload belongs exclusively to the ISO 20022 Standard family
Multiple Manifest Details	
Document Type /Document/Xchg/PyldDesc/MnfstDtls/DocTp	ISO message type (e.g. camt.050.001.05). Not validated by RTGS
Number Of Documents /Document/AppHdr/BizMsgldr	Total number of message instances per single message type contained within the file. Not validated by RTGS
Multiple Payload	
Payload /Document/Xchg/Pyld	The head.003 XSD file is used as a technical wrapper to structure the ExchangePayload for head.002, the specific schema as XSD file is provided under the same link.

Usage case: RTGS File (Scenario 017)

[...]

Table 337 - BusinessFileHeader (head.002) – usage case RTGS File (Scenario 017)

Message item	Utilisation
Payload Identifier /Document/Xchg/PyldDesc/PyldDtls/Pyldldr	Inh002b017-FileId
Creation Date Time /Document/Xchg/PyldDesc/PyldDtls/CreDtAndTm	2019-10-07T11:40:00+00:00
System User /Document/Xchg/PyldDesc/ApplSpcfcInf/SysUsr	BizSenderb017UserId
Total Number Of Documents /Document/Xchg/PyldDesc/ApplSpcfcInf/TtlNbOfDocs	3
Payload Type Details /Document/Xchg/PyldDesc/PyldTpDtls/Tp	ISO20022
Multiple Payload	
Payload /Document/Xchg/Pyld	Different messages (BAH + business payload)

Usage case: RTGS File (Scenario 018)

[...]

Table 338 - BusinessFileHeader (head.002) – usage case RTGS File (Scenario 018)

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

Payload Identifier /Document/Xchg/PyldDesc/PyldDtIs/PyldIdr	Inh002b018-Field
Creation Date Time /Document/Xchg/PyldDesc/PyldDtIs/CreDtAndTm	2019-10-07T11:41:00+00:00
System User /Document/Xchg/PyldDesc/ApplSpcfcInf/SysUsr	BizSenderb018UserId
Total Number Of Documents /Document/Xchg/PyldDesc/ApplSpcfcInf/TtlNbOfDocs	5
Payload Type Details /Document/Xchg/PyldDesc/PyldTpDtIs/Tp	ISO20022
Multiple Payload	
Payload /Document/Xchg/Pyld	Different messages (BAH + business payload)

75 EUROSYSYSTEM UPDATE [Internal review SDD-CN-PBR-0036/PBI-215613]: page 851 (RTGS UDFS-chapter 12.5.2.3 The message in business context); page 852-853 (RTGS UDFS-chapter 12.5.2.3 The message in business context)

Correction of example text.

[...]

The first movement (InsId: p998b582-InsId1) settled and has a status of ACSC.

The second movement (InsId: p998b582-InsId2) was revoked by the CB – it has a status/reason of RJCT/A095E067.

The third movement (InsId: p998b582-InsId3) failed to reach settlement within the period - it has a status/reason of RJCT/A085E076.

The fourth movement (InsId: p998b582-InsId4) settled and has a status of ACSC.

[...]

Correction of Status reason code.

Table 393 - ASInitiationStatus (pain.998 ASIS) – procedure E mixed settlement (Scenario 582)

Message item	Utilisation
[...]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/Or gnIP mtInf/OrgnITxRefInfAndSts/StsRsn/BilyAgrd	A095E067
[...]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/Or gnIP mtInf/OrgnITxRefInfAndSts/StsRsn/BilyAgrd	A085E076

DWH UDFS

76 EUROSISTEM UPDATE [CSLD-1038]: page 8 (DWH UDFS-chapter 3.1 Overview)

Alignment of export formats with DWH UHB.

Format

The results of DWH reports can be displayed on-screen and from there downloaded to various file types (html, pdf, csv, xlsx, [xml](#)) in U2A mode. As regards the A2A delivery of reports the following file types are applicable based on the individual configuration the user selects within the scheduler function: csv, xlsx, xml. This allows the further processing of data in other applications.

CRDM

77 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 91 (CRDM UDFS-chapter 1.3.3.3 Description of the entities (1. Cash Account) - (Section introduced with SDD-CN PBR-034);

Clarification.

Each *Cash Account* is linked to its relevant owner *Party* and *Currency*. In addition, it may be linked to one or many *Cash Account Restrictions* and one or many *Account Configuration* entities. Certain types of Cash Account are additionally linked to other Cash Accounts for different purposes, as described below.

Mandatory links:

IRTGS Sub-Account to its related RTGS DCA

ITIPS Credit Memorandum Balance to its related TIPS Account

IContingency Cash Account to the related Main Cash Account

I[Contingency Technical Account to AS Technical Account](#)

ICB Contingency Account to the related CLM CB Account

Optional links:

IOvernight Deposit Account to the MCA of the CLM Account Holder allowed to instruct on it

IMarginal Lending Account to the MCA of the CLM Account Holder allowed to instruct on it

IRTGS Dedicated Cash Account to the related MCA for authorisation purposes in ECONSII, connecting the RTGS DCA belonging to an Ancillary System Settlement Bank Account Group to an MCA which in turn will be linked to a Contingency Account

IRTGS Dedicated Cash Account to MCA and vice versa on a 1:1 basis for Automated Liquidity Transfers (using "Associated LT Account" field; see sub-section 7. Account Threshold Configuration).

78 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 270 (CRDM UDFS-chapter 4.5.3.12. Cash Account)

Clarification.

Flat file column	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
[...]							
12	L	Linked Account	VARCHAR (34)	Linked Cash Account	<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 Sub-Account, Contingency Cash Account, <u>Contingency Technical Account</u>, CB Contingency Account.</p> <p>It is optional if the Account Type is Overnight Deposit Account, Marginal Lending Account or RTGS Dedicated Cash Account.</p> <p>It is not allowed otherwise.</p>	0..1	

13	M	Linked Account Type	Possible values: <ul style="list-style-type: none"> CSHA EXTA 	Possible values: <ul style="list-style-type: none"> CASH (Cash Account) EXTA (External RTGS Account) 	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 Sub-Account, Contingency Cash Account, Contingency Technical Account , CB Contingency Account. It is optional if the Account Type is Overnight Deposit Account, Marginal Lending Account or RTGS Dedicated Cash Account. It is not allowed otherwise.		
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79 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 200 (CRDM UDFS-chapter 3.1.2.3. AccountOpeningRequest (acmt.007); MyStandards T2-CoCo – CashAccountManagement – acmt.007)

Clarification.

Business rules applicable to the schema

Message Item	Business Rules
[...]	[...]
Reference Account	QMPC114

Document/AcctOpngReq/RefAcct	
Identification Document/AcctOpngReq/RefAcct/Id/Othr/Id	DCC1204 DCC1206 DCC1208 DCC1217 DCC1218 DCC1219 <u>DCC1221</u> DCC1222

MyStandards T2-CoCo – CashAccountManagement – acmt.007

acmt.007 Document/AcctOpngReq/RefAcct/Id/Othr/Id Addition of the BR DCC1221 to the annotation

80 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 282 (CRDM UDFS-chapter 5.1 Business Rules)

Clarification.

<u>DCC1221</u>	<u>When performing a Cash Account create request to create Contingency Technical Account, the Linked Account must refer to an existing Cash Account instance in CRDM with type "Ancillary System Technical Account" which is open throughout the specified opening period of the Cash Account being created and belongs to the same System Entity.</u>	<u>acmt.007</u>	<u>acmt.011</u>	<u>REJT</u>	<u>Invalid linked account</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>No</u>	<u>Yes</u>
----------------	--	-----------------	-----------------	-------------	-------------------------------	-----------	-----------	-----------	-----------	------------

	Moreover, different Contingency Technical Accounts cannot have the same AS Technical Account defined as Linked Account.									
--	---	--	--	--	--	--	--	--	--	--

81 EUROSISTEM UPDATE [internal review]: page 141 (CRDM UDFS-chapter 1.4.5 RTGS Directory)

Clarification.

Table 3 – RTGS Directory Example

BIC	Addressee BIC	Account BIC	Participation Type
ABCDFRPPXXX	ABCDFRPPXXX	ABCDFRPPXXX	01 - direct
ABCDFRPPXX2	ABCDFRPPXX2	ABCDFRPPXX2	01 - direct
ABCDFRPPXX3	ABCDFRPPXX3	ABCDFRPPXX3	01 - direct
EFGHFRPPXXX	ABCDFRPPXX3 <u>ABCDFRPPXX2</u>	ABCDFRPPXX3 <u>ABCDFRPPXX2</u>	02 – Indirect
ABCDFRPPXX1	ABCDFRPPXX1	ABCDFRPPXX2	03 – Multi-addressee (Credit institution)
ABCDJPTKXX2	ABCDFRPPXX2	ABCDFRPPXX2	05 – addressable BIC (Correspondent)

ECONS II

82 EUROSISTEM UPDATE [internal review]: page 38 (ECONS II UDFS-chapter 1.5.3. Settlement of Payment Orders transactions)

Clarification.

[...]

Moreover, the following diagram shows the scenario in which a payment order, inserted by a participant using the GUI, regardless agree/disagree functionality, is set in status "waiting for CB unblock", because it involves a debiting blocked Contingency Account.

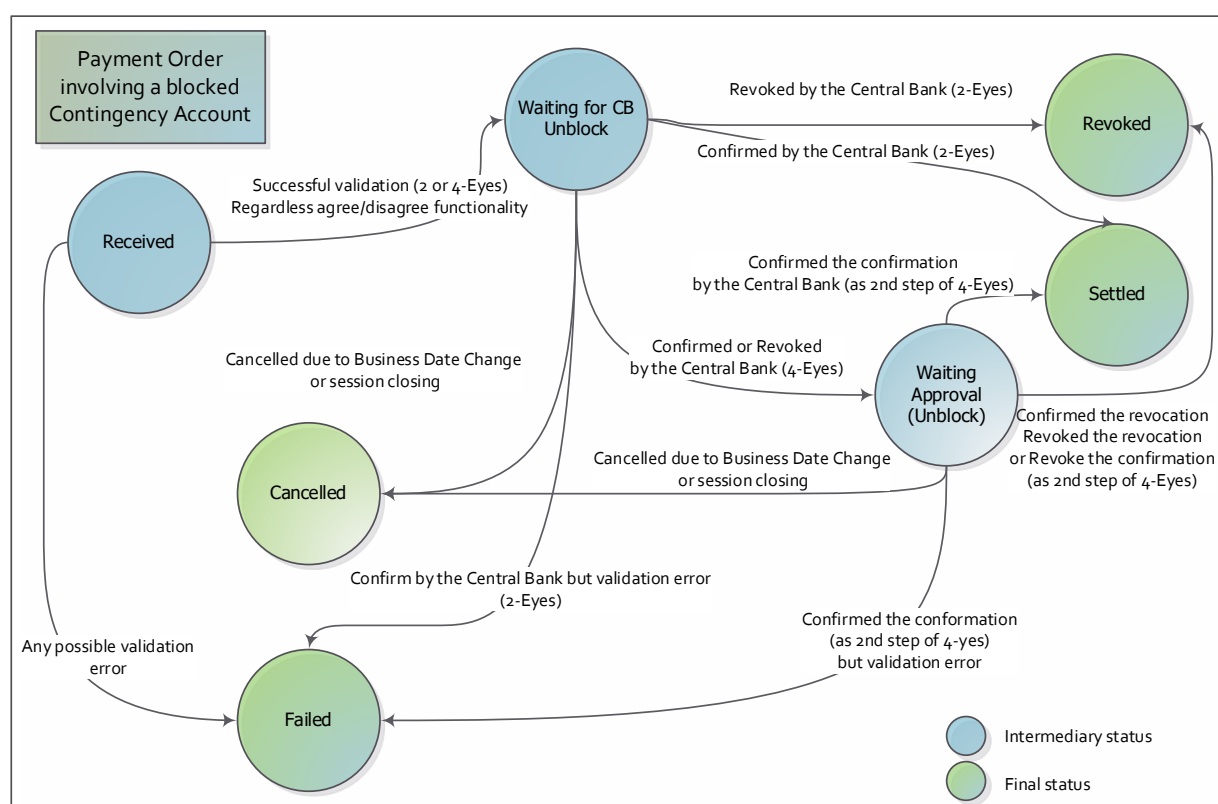


Figure 10 – Payment Order Transaction involving a blocked Contingency Account status diagram

83 EUROSISTEM UPDATE [internal review]: page 47 (ECONS II UDFS-chapter 1.5.9. Raw Data extraction)

Clarification.

[...]

1.5.9.2 Raw data Structure

Raw data is generated as a fixed length record and the flat file is encapsulated in an XML envelope.

The structure of the records of the raw data file is as follows:

<raw_data fileID="CCCCCREYYMMDD">

```

<sessions>
...
</sessions>
<transactions>
...
<transactions>
</raw_data>

```

The raw data fileID is as follows: CCCCCREYYMMDD (i.e. ITEURRE210823) where:

CC = country code of the relevant CB

CCC = Currency

R = kind of file (R for raw data file)

E = component (E for ECONS II)

YY = year

MM = month

DD = day

One occurrence inside tags <sessions>...</sessions>

<u>Field No.</u>	<u>Field Name</u>	<u>Format</u>	<u>Description</u>
<u>1</u>	<u>DT_OPDAY</u>	<u>DATE (10)</u>	<u>Date of the operational day session</u>
<u>2</u>	<u>NM_SESSION</u>	<u>NUMBER (10)</u>	<u>Number of the session.</u>
<u>3</u>	<u>TS_START</u>	<u>TIMESTAMP (26)</u>	<u>Start timestamp of the session</u>
<u>4</u>	<u>TS_END</u>	<u>TIMESTAMP (26)</u>	<u>End timestamp of the session</u>

Several occurrences inside tags <transactions>...</transactions>

<u>Field No.</u>	<u>Field Name</u>	<u>Format</u>	<u>Description</u>
<u>1</u>	<u>CD_CM_OP_ID</u>	<u>VARCHAR2 (64)</u>	<u>Unique ID of the transaction</u>
<u>2</u>	<u>CD_ACC_NUMBER</u>	<u>VARCHAR2 (34)</u>	<u>Account number</u>
<u>3</u>	<u>CD_DC_MARK</u>	<u>CHAR (1)</u>	<u>Sign of the transaction on the account involved, "D" for debit, "C" for credit</u>
<u>4</u>	<u>AM_AMOUNT</u>	<u>NUMBER (20)</u>	<u>Amount of the transaction</u>
<u>5</u>	<u>DT_SETTLE</u>	<u>DATE (10)</u>	<u>Business Date of the settled transaction</u>
<u>6</u>	<u>TS_SETTLE</u>	<u>TIMESTAMP (26)</u>	<u>Timestamp of the settled transaction</u>

Flat File example:

<raw_data fileID="ITEURRE210823">

<sessions>

2021-08-23000000000672021-08-13-20.11.14.4200002021-08-13-20.13.15.102000

</sessions>

<transactions>

MOLQTCSTCS0XXXIE2 210813001898001617120130 account CBCITCS0XXX

D0000000000000000000001302021-08-232021-08-23-20.13.05.033000

MOLQTCSTCS0XXXIE2 210813001898001617120130 account PMBITCS0XXX

C0000000000000000000001302021-08-232021-08-23-20.13.05.033000

</transactions>

</raw_data>

The current assumption is that the same rules defined for euro currency shall apply also to GL for non-euro currencies.

1.5.9.3 Distribution

ECONS II CBs shall receive the Raw Data on the same channel used to send the General Ledger (see 2.1 Message routing – Table 16).

The Request Type used is the following: camt.xxx.econs.rawdata.

84 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 40 (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 CB Account, RTGS DCA and RTGS sub-accounts included in the RTGS SBAG, the relevant linked CLM CB Account or CLM Account will be found. If no such a link exists, the relevant RTGS CB DCA, DCA and/or sub-accounts will not be taken into consideration for any ECONS II processing.
- From every linked CLM CB Account or 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 CB Account or 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.
- In order to find the Technical Account to be used in AS settlement transactions, the "AS Procedure" object will be checked, where the AS Technical Account(s), linked to the relevant party AS, are listed. For each AS Technical Account found, irrespective the mentioned AS procedure, the relevant AAU BIC and the Contingency Technical account (using the "linked account" attribute) will be found and both info will be connected to the AS included in a SBAG and sent to ECONS II.

85 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 22 (ECONS II UDFS-chapter 1.3.2.4 Contingency Transit Accounts)

Clarification.

[...]

In order to define the relation between Contingency Transit Account for TIPS and the Transit Account for TIPS in CLM, for each currency, starting from the "CLM dedicated Transit Account for TIPS", the relevant AAU BIC will be checked and forwarded, together with the Contingency Transit Account, to ECONS II.

86 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 105 (ECONS II UDFS-chapter 3.3.2.2.1 BusinessApplicationHeader (head.001))

Clarification.

[...]

Message Item	Business Rules
Business Application Header Document/AppHdr	ECO0012 ICSA005 IIMP097 IIMP098 IIMS002
From BIC Document/AppHdr/FromId/FinInstnId/BICFI	ECO0050
MemberIdentification Document/AppHdr/FromId/FinInstnId/CtrSysMmbld/Mmbld	ICSA002 ICSA012 ICSA013
Message type Document/AppHdr/MsgDefIdr	ECO0011
Message Identifier Document/AppHdr/BizMsgIdr	ECO0050
MessageDefinitionIdentifier Document/AppHdr/MsgDefIdr	IIMP089
Signature Document/AppHdr/Sgntr/	ICSA011

[...]

87 EUROSISTEM UPDATE [SDD-CN PBR 039]: page 109 (ECONS II UDFS-chapter 3.3.2.4.1 AS Transfer Initiation (pain.998))

Clarification.

Business rules applicable to the schema

Message Item	Business Rules
[...]	[...]
Group Identification Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/GrpId	ECO0031
Control Sum Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/CtrlSum	ECO0032
Number of Transactions Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/NbOfTx	ECO0033
Settlement Model Type Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/SttlmMdlTp	ECO0034
Initiating Party BIC Document/pain.998.001.01/PrtryData/T2PrtryData/GrpHdr/InitgPty/FromId/BIC	ECO0014 ECO0035

	ECO0036 ECO0037
Requested Execution Date Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/ReqdExctnDt	ECO0038
First Agent BIC Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/FrstAgt/BIC	ECO0014 ECO0039 ECO0040 ECO0041 ECO0042 ECO0047 ECO0048
[...]	[...]

88 EUROSYSYSTEM UPDATE [SDD-CN PBR 039]: page 120 (ECONS II UDFS-chapter 4.1 Business Rules and Error Codes)

Clarification.

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text
[...]	[...]	[...]	[...]	[...]	[...]
ECO0050	A message with the same BizMsgldr and the same Business sender "From" at the same day will be detected as duplicate.	head.001	admi.007	E050	The message was detected as duplicate as the BizMsgldr exists.
ICSA005	The Technical Sending User (Party Technical Address) of the inbound A2A communication has to be known for the used Network Service.	head.001	admi.007	I019	The Technical Sending User is not known for the used Network Service.
IIMP097	In order to ensure correct processing, it is only possible to send instructing requests (e.g. Static Data updates or settlement instructions) via a store and forward network service.	head.001	respective outbound business message for received inbound message except for the messages which are explicitly listed	I066	The instructing request has to be sent via store and forward network service.
IIMP098	In order to ensure correct processing, it is only possible to send query requests via a real-time	head.001	respective outbound business message for	I067	The query request has to be sent via real-time

	<u>network service.</u>		<u>received inbound message except for the messages which are explicitly listed</u>		<u>network service.</u>
<u>IIMS002</u>	<u>A message structure is valid according to the schema defined for a message.</u>	<u>any message</u>	<u>admi.007</u>	<u>I006</u>	<u>The message is not valid. //Dynamic error including element name.//</u>
<u>ICSA002</u>	<u>The System User sending the inbound A2A communication has to be known in CRDM.</u>	<u>head.001</u>	<u>admi.007</u>	<u>I008</u>	<u>The System User is not known in CRDM.</u>
<u>ICSA012</u>	<u>Technical Sending User is allowed to send for the Business Sending Party.</u>	<u>head.001</u>	<u>admi.007</u>	<u>I073</u>	<u>Technical Sending User is not allowed to send for the Business Sending Party.</u>
<u>ICSA013</u>	<u>Business Sending User is allowed to send for the system user reference.</u>	<u>head.001</u>	<u>admi.007</u>	<u>I075</u>	<u>Business Sending User is not allowed to send for the system user reference.</u>
<u>IIMP089</u>	<u>A message definition identifier of the BAH is equal to the message type in namespace.</u>	<u>head.001</u>	<u>respective outbound business message for linked received inbound message except for the messages which are explicitly listed based on namespace definition</u>	<u>I049</u>	<u>The message definition identifier of the BAH is not equal to the message type in namespace.</u>
<u>ICSA011</u>	<u>The Business Sending User has to be known in CRDM.</u>	<u>head.001</u>	<u>admi.007</u>	<u>I072</u>	<u>The Business Sending User is not known in CRDM.</u>