

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: December 2020
Request title: Multiplex Editorial Change Request on UDFS v2.1 December 2020		Request ref. no: CSLD-0062-UDFS
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:

Changes regarding Central Liquidity Management UDFS v2.1, Common Reference Data Management UDFS v2.1, Enhanced Contingency Solution UDFS v2.1, Real-Time Gross Settlement UDFS v2.1, MyStandards Usage Guidelines and MyStandards Examples.

Reason for change and expected benefits/business motivation:

The changes listed below are related Central Liquidity Management UDFS v2.1, Common Reference Data Management UDFS v2.1, Enhanced Contingency Solution UDFS v2.1, Real-Time Gross Settlement UDFS v2.1, 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 v2.1 will also be reflected, when relevant, into the schema documentation published in MyStandards.

- 1 EUROSISTEM UPDATE [SDD-CN-PBR-010, PBI-212300, ECB JIRA CSLD-0456]: page 609 (RTGS UDFS-chapter 12.4.5.2 Schema), page 611 (RTGS UDFS-chapter 12.4.5.3 The message in business context); Pacs.010 HVPS+ alignments 19
- 2 EUROSISTEM UPDATE [SDD-CN-PBR-011, PBI-212301]: page 562 (UDFS-chapter 12.4.2.2), 564 (UDFS chapter 12.4.2.3 The message in business context), page 286 (RTGS UHB chapter 5.1.14 Return Payment – New Screen); Pacs.004 HVPS+ alignments..... 20
- 3 EUROSISTEM UPDATE [SDD-CN-PBR-012, PBI-211590]: page 98 (ECONS II-chapter, 3.3.2.1.6 LiquidityCreditTransfer (camt.050)); Message documentation on MyStandards (RTGS and CLM_Liquidity Transfer (camt.050)); Camt.050 DataTypePatternAlignment Accounts 22
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Annexes to the Change Request

There are five annexes to this change request:

- Annex 1 to CSLD-0062-UDFS Comparison of CLM camt.003 v2.1 and CLM camt.003 v2.2.xlsx
- Annex 2 to CSLD-0062-UDFS Comparison of CLM camt.004 v2.1 and CLM camt.004 v2.2.xlsx
- Annex 3 to CSLD-0062-UDFS Comparison of RTGS camt.003 v2.1 and RTGS camt.003 v2.2.xlsx
- Annex 4 to CSLD-0062-UDFS Comparison of RTGS camt.004 v2.1 and RTGS camt.004 v2.2.xlsx
- Annex 5 RTGS and CLM Business Rules: updates between UDFS 2.1 and UDFS 2.2

The annexes 1 to 4 are related to Section 11 below and aim at illustrating in detail the changes to camt.003 and camt.004 messages at single element level in MyStandards (e.g. changes of multiplicity, data types, prune or unprune elements, amendments annotations).

The changes of camt.003/004 represent the delta versus UDFS v2.1 and UDFS 2.2.

The Annexes are built from a comparison of the message UG between UDFS v2.1 and future version UDFS v2.2. . Column I shows the status of the MyStandards comparison, using codes defined in the “General Information” tab. The changes details appear in column J using a red/green coding.

Annex 5 shows a delta version of the business rules between the state at UDFS 2.1 and the latest state.

Proposed wording for the Change request:

1 EUROSYSTEM UPDATE [SDD-CN-PBR-010, PBI-212300, ECB JIRA CSLD-0456]: page 609 (RTGS UDFS-chapter 12.4.5.2 Schema), page 611 (RTGS UDFS-chapter 12.4.5.3 The message in business context); Pacs.010 HVPS+ alignments

HVPSPPlus and RTGS pacs.004/008/009 alignment of element data types, field length and multiplicity is needed to harmonise provision of party identification data in a harmonised way across T2 message portfolio and in addition to enable RTGS parties to use RTGS pacs.010 messages also cross border without manual intervention and to prevent translation/conversion issues respectively rejection of T2 RTGS messages.

This also applies for the schema change on the multiplicity, if a transfer order can have a leg out, and while translating an element that is need for the schema is not there.

RTGS UDFS-chapter 12.4.5.2 Schema, page

“Hyperlink to MyStandards UGs for RTGS to be updated.”

RTGS UDFS-chapter 12.4.5.3 The message in business context, page 611

[...]

Message	Utilisation
Group Header	
[...]	
Direct Debit Transaction Information	
[...]	
Category Purpose /Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/PmtTpInf/CtgyPurp	If provided it is ignored by RTGS and forwarded within the outbound message
[...]	

[...]

Message documentation on MyStandards RTGS FinancialInstitutionDirectDebit (pacs.010)

Apply new DataType pattern to field:

- FIDrctDbt/CdtInstr/CdtrAgt/FinInstnId/PstlAdr/TwnNm

Apply changes on the multiplicity to fields :

- FIDrctDbt/CdtInstr/CdtrAgt/FinInstnId/PstlAdr/AdrLine
- FIDrctDbt/CdtInstr/Cdtr/FinInstnId/PstlAdr/AdrLine
- FIDrctDbt/CdtInstr/DrcDtTxInf/Dbtr/FinInstnId/PstlAdr/AdrLine
- FIDrctDbt/CdtInstr/DrcDtTxInf/DbtrAgt/FinInstnId/PstlAdr/AdrLine
- FIDrctDbt/CdtInstr/DrcDtTxInf/PmtTpInf/CtgyPurp
- FIDrctDbt/CdtInstr/DrcDtTxInf/PmtTpInf/CtgyPurp/Cd
- FIDrctDbt/CdtInstr/DrcDtTxInf/PmtTpInf/CtgyPurp/Prtry

Apply changes on field lengths of the pattern used in fields:

- FIDrctDbt/CdtInstr/CdtrAgtAcct/Prxy/Id
- FIDrctDbt/CdtInstr/CdtrAcct/Prxy/Id
- FIDrctDbt/CdtInstr/DrcDtTxInf/DbtrAcct/Prxy/Id
- FIDrctDbt/CdtInstr/DrcDtTxInf/DbtrAgtAcct/Prxy/Id
- FIDrctDbt/CdtInstr/DrcDtTxInf/DbtrAgt/FinInstnId/ClrSysMmbld/Mmbld
- FIDrctDbt/CdtInstr/DrcDtTxInf/InstrForDbtrAgt

(No change in UG text required)

2 EUROSYSTEM UPDATE [SDD-CN-PBR-011, PBI-212301]: page 562 (UDFS-chapter 12.4.2.2), 564 (UDFS chapter 12.4.2.3 The message in business context), page 286 (RTGS UHB chapter 5.1.14 Return Payment – New Screen); Pacs.004 HVPS+ alignments

HVPSPPlus alignment of element data types, field length and multiplicity is needed to enable RTGS parties to use RTGS pacs.008 messages also cross border without manual intervention and to prevent translation/conversion issues respectively rejection of T2 RTGS messages.

In order to use the pacs.004 in U2A the adaptations of the messages need to be duly taken into account. Moreover, certain internal adaptations/enhancements (i.e. without external impact) with regard to the frontend/backend interaction are necessary.

UDFS-chapter 12.4.2.2 Schema, page 562

“Hyperlink to MyStandards UGs for RTGS to be updated.”

UDFS chapter 12.4.2.3 The message in business context, page 564

[...]

Table 292

Message	Utilisation
---------	-------------

Group Header	
[...]	
Transaction Information	
[...]	
Original Interbank Settlement Amount /Document/PmtRtr/TxInf/OrgnlIntrBkSttlmAmt	To be filled with instruction ID <u>the InterbankSettlementAmount</u> from the original payment. It is forwarded <u>within</u> the outbound message.
[...]	
Returned Instructed Amount /Document/PmtRtr/TxInf/RtrdInstAmt	If provided it is ignored by RTGS and <u>To be filled with the InstructedAmount from the original payment. It is</u> forwarded within the outbound message
[...]	
Charges Information /Document/PmtRtr/TxInf/ChrgsInf	Not relevant for settlement in RTGS and forwarded within the outbound message. Provided BIC is subject to BIC validation.
<u>Charges Information Amount</u> <u>/Document/PmtRtr/TxInf/ChrgsInf/Amt</u>	<u>Ignored by RTGS and forwarded within the outbound message.</u>
Clearing System Reference /Document/PmtRtr/TxInf/ClrSysRef	Inbound: If provided it is ignored and overwritten by RTGS in the outbound message. Outbound: RTGS provides an RTGS booking reference in this element.
[...]	

[...]

The changes in table 292 are applied to respective fields in MyStandards RTGS pacs.004 annotations.

Message documentation on MyStandards RTGS PaymentReturn (pacs.004)

Apply changes on multiplicity to fields:

- PmtRtr/TxInf/RtrChain/UltmtCdtr/Pty/PstlAdr/TwnNm
- PmtRtr/TxInf/RtrChain/InitgPty/Agt/FinInstnId/PstlAdr/TwnNm
- PmtRtr/TxInf/RtrChain/InitgPty/Agt/FinInstnId/PstlAdr/Ctry

Apply changes on data type used on fields:

- PmtRtr/TxInf/RtrdInstdAmt
- PmtRtr/TxInf/CompstnAmt
- PmtRtr/TxInf/OrgnlIntrBkSttlmAmt
- PmtRtr/TxInf/ChrgsInf/Amt

Remove United Kingdom from the List of countries subject to jurisdictional rule of EEA from relevant elements as UK

is leaving EEA by 31st December 2020. To achieve more clarity it is needed to write out EEA = European Economic Area.

Relevant fields in RTGS :

- PmtRtr/TxInf/RtrChain/UltmtDbtr/Pty
- PmtRtr/TxInf/RtrChain/Dbtr/Pty
- PmtRtr/TxInf/RtrChain/Cdtr/Pt
- PmtRtr/TxInf/RtrChain/UltmtCdtr/Pty

3 EUROSYSTEM UPDATE [SDD-CN-PBR-012, PBI-211590]: page 98 (ECONS II-chapter, 3.3.2.1.6 LiquidityCreditTransfer (camt.050)); Message documentation on MyStandards (RTGS and CLM_Liquidity Transfer (camt.050)); Camt.050 DataTypePatternAlignment Accounts

When using a Liquidity Transfer message (camt.050) to move liquidity between accounts of the various services within TARGET Services, it is essential that the account identifiers used by the instructing service will be compliant with the validation rules of the service being instructed.

Currently, the format/content rules for the camt.050 account identifiers in RTGS & CLM, T2S and TIPS show small but significant differences in what constitutes a commonly valid reference Id.

This change brings these format/content rules into line across these services to provide a seamless liquidity movement environment.

Furthermore, it is strongly advised that such account identifiers also comply with the HVPS+ validation guide. Recent representation to the HVPS+ forum has secured their approval of a change to the HVPS+ guidelines which allows alignment of the proposed TARGET services account pattern.

RTGS UDFS-chapter, 12.2.19.2 LiquidityCreditTransfer (camt.050), page 502

“Hyperlink to MyStandards UGs for RTGS to be updated.”

CLM UDFS-chapter, 12.2.12.2 LiquidityCreditTransfer (camt.050), page 383

“Hyperlink to MyStandards UGs for CLM to be updated.”

ECONS II-chapter, 3.3.2.1.6 LiquidityCreditTransfer (camt.050), page 98

Business rules applicable to the schema

“Hyperlink to MyStandards UGs for CLM to be updated.”

Message documentation on MyStandards RTGS Liquidity Transfer (camt.050)

Apply new DataType pattern to fields:

- LqdtYCdTrf/LqdtYCdTrf/CdtrAcct/Id/Othr/Id
- LqdtYCdTrf/LqdtYCdTrf/DbtrAcct/Id/Othr/Id

(No change in UG text required)

Message documentation on MyStandards CLM Liquidity Transfer (camt.050)

Apply new DataType pattern to fields:

- LqdtYCdTrf/LqdtYCdTrf/CdtrAcct/Id/Othr/Id
- LqdtYCdTrf/LqdtYCdTrf/DbtrAcct/Id/Othr/Id

(No change in UG text required)

4 EUROSYSTEM UPDATE [SDD-CN-PBR-013, PBI-212296]: page 427 (CLM UDFS-chapter 13.1.1.2 Schema), page 428 (CLM UDFS-chapter 13.1.1.3 The message in business context), Message documentation on MyStandards; Camt.029 schema annotation updates

Relevant for CLM

- The multiplicity of message block CxlStsRsnInf in camt.029 needs to be changed to enable CLM to provide no (in case of no validation error) or multiple validation errors if they occur. The multiplicity of the message block RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf needs to be changed from mandatory repetitive to optional repetitive.
- COMP code and its annotation needs to be removed from proprietary element RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Rsn/Prtry
- The reason code on table 192 (ResolutionOfInvestigation (camt.029) – usage case Revocation Rejection Notification (Scenario 004) and table 194 are handled on the wrong tag (RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Rsn/Cd).

Since the error is a T2 error code, it should be located on the RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Rsn/Prtry. Furthermore, the tag on the tables is pruned and it is an inconsistency between the UG and the UDFS.

The below elements are optional point-to-point references, contained on camt.056 and camt.029 messages, therefore they must not be returned on the camt.029 response generated by CLM. Therefore, the following elements will be pruned:

- RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsId,
- RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlGrpInf/OrgnlCreDtTm,
- RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlInstrId,
- RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlClrSysRef

CLM UDFS-chapter 13.1.1.2 Schema, page 427

“Hyperlink to MyStandards UGs for CLM to be updated.”

CLM UDFS-chapter 13.1.1.3 The message in business context, page 428

[...]

Table 190

Message	Utilisation
Assignment	
[...]	
Cancellation Details	
Cancellation Status Identification /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/CxIStsId	Will be copied from triggering camt.056 if provided.
[...]	
Original Creation Date Time /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlGrpInf/OrgnlCreDtTm	Creation date/time of the underlying payment order.
Original Instruction Identification /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlInstrId	Instruction identification of the underlying payment order.
[...]	
Original Clearing System Reference /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlClrSysRef	Clearing system reference of the underlying payment order. Copied from the triggering camt.056 cancellation request
[...]	
Reason /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/CxIStsRsnInf/Rsn/GdPrtry	In case of error/failure a CLM rejection reason code will be used. Details are provided in "Index of validation rules and error codes" in CLM UDFS. These codes are to be used in case of negative or pending resolution of investigation. Remains optional in case of positive resolution of investigation.
[...]	

[...]

Table 192

Message	Utilisation
Assignment	
[...]	
Cancellation Details	
[...]	

Reason /Document/RsltOfInvstgtn/CxIDtls/TxInfAndSts/CxISts RsnInf/Rsn/CdPrtry	D008E053
Additional Information /Document/RsltOfInvstgtn/CxIDtls/TxInfAndSts/CxISts RsnInf/AddtlInf	No payment foundInvalid financial or non-financial institution-BIC in //Dynamic error including x-path//
[...]	

[...]

Table194

Message	Utilisation
Assignment	
[...]	
Cancellation Details	
[...]	
Reason /Document/RsltOfInvstgtn/CxIDtls/TxInfAndSts/CxISts RsnInf/Rsn/CdPrtry	D008E053
Additional Information /Document/RsltOfInvstgtn/CxIDtls/TxInfAndSts/CxISts RsnInf/AddtlInf	No payment foundInvalid financial or non-financial institution-BIC in //Dynamic error including x-path//
[...]	

[...]

Message documentation on MyStandards

Change Usage guideline on MyStandards:

RsltOfInvstgtn/CxIDtls/TxInfAndSts/CxIStsRsnInf/Rsn/Prtry cancellation of code COMP and delete the related annotation.

RsltOfInvstgtn/CxIDtls/TxInfAndSts/CxIStsRsnInf multiplicity to optional repetitive.

Prune the following elements:

RsltnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsId,

RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlGrpInf/OrgnlCreDtTm,

RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlInstrId,

RsltnOfInvstgtn/CxlDtls/TxInfAndSts/OrgnlClrSysRef

Following message examples need to be amended accordingly: All outbound camt.029 messages generated by RTGS and affected by this SDD-CN. These are:

Outbound_camt.029_from_CLM_PaymentCancellationRequestStatus_Execution_bs004

Outbound_camt.029_from_CLM_PaymentCancellationRequestStatus_Execution_bs007

5 EUROSISTEM UPDATE [SDD-CN-PBR-014, PBI-212297]: page 529 (RTGS UDFS-chapter 12.2.22.3 The message in business context); camt.056 annotation update

The annotation of the element FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmAmt clarifies that the RTGS actor needs to provide the amount relevant for RTGS to identify the related settlement amount in pacs.004 message.

The annotation of the element FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmAmt gives instruction on how to use this element in case of a revocation of a pacs.004.

IAC tests showed that with current annotation, RTGS cannot find the related pacs.004 in the database and returns an error camt.029 message.

Without this change of annotation, the revocation of a pacs.004 messages will fail.

Introduce LEI and open element FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/OrgtrId/Orgld/LEI on optional basis.

Add HVPS+ recommendation: "If present in underlying pacs.008/pacs.009, the Clearing System Reference must be transported in the Original Clearing System Reference." to element FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlClrSysRef.

RTGS UDFS-chapter 12.2.22.2 Schema, page 527

"Hyperlink to MyStandards UGs for RTGS to be updated."

RTGS UDFS-chapter 12.2.22.3 The message in business context, page 529

[...]

Table 268

Message	Utilisation
Assignment	
[...]	

Underlying	
[...]	
<u>Original Clearing System Reference</u> /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlClrSysRef	<u>If provided it is ignored by RTGS and forwarded in the outbound message and copied to related camt.029.</u> <u>If present in underlying pacs.008/pacs.009, the Clearing System Reference must be transported in the Original Clearing System Reference.</u>
Original Interbank Settlement Amount /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmAmt	In the case where camt.056 is used to revoke a pacs.004 message, the <u>Original Interbank Settlement Amount</u> must be copied from pacs.004/TransactionInformation/ <u>OriginalReturnedInterbankSettlementAmount</u> .
[...]	
<u>Originator (Block)</u> /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/Orgtr	<u>Ignored and forwarded. If a BIC is provided it is subject to BIC validation.</u>
Reason Code /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/Rsn/Cd	Payment cancellation request will be forwarded further in the chain if the original pacs.008 or pacs.009 is already finally settled in RTGS. No forwarding for pacs.004 and pacs.010 by default.
[...]	

[...]

LEI element is part of element tree of block Originator.

6 EUROSYSTEM UPDATE [SDD-CN-PBR-015, PBI-212308]: page 389 (CLM UDFS-chapter 12.2.13.2 Schema), page 390 (CLM UDFS-chapter 12.2.13.3 The message in business context), page 435 (CLM UDFS-chapter 13.1.2.2 Schema), page 506 (RTGS UDFS-chapter 12.2.20.2 Schema), page 508 (RTGS UDFS-chapter 12.2.20.3 The message in business context), Message documentation on MyStandards RTGS and CLM Bank To Customer Statement (camt.053), page 100 (ECONS II UDFS-chapter 3.3.2.1.7 BankToCustomerStatement (camt.053)), Message documentation on MyStandards RTGS and CLM Bank To Customer Statement (camt.053) Message documentation on MyStandards CLM_TARGET_Services_GeneralLedger (camt.053); Camt.053_updates

All data types for the same proprietary elements must be consistent among messages and among services. Proprietary element for camt.053 is not consistent with all other RTGS and CLM messages and HVPSPPlus and must be change to ensure failure-free processing of T2 and customers backend applications. The inconsistencies are currently between pacs element localinstrument/prtry and the camt.053 reporting message which can cause issues in communication among CLM, RTGS and T2 actors.

Cash transfer category and business case codes updates are needed due to further progresses e.g. camt.054 and have to be aligned for all messages.

Multiplicity change on <EntryDetails> and <LocalInstrument/Code> must be done to become consistent with RTGS and pacs.009/010 use in CLM.

The sum information for total credit and total debit entries is only relevant for general ledger. If this specific change (removal of both elements from CLM and RTGS camt.053) is not approved by L2, the elements will not be propagated but will remain in the CLM and RTGS camt.053 schema.

CLM UDFS-chapter 12.2.13.2 Schema, page 389

“Hyperlinks to MyStandards UGs for CLM to be updated.”

CLM UDFS-chapter 12.2.13.3 The message in business context, page 390

[...]

Table 173

Message	Utilisation
Statement	
[...]	
Transaction Summary	
In the case of message pagination this information is only provided in the first camt.053 and contains all entries on the CLM cash account.	
[...]	
Total Credit Entries	Total sum of all credit entries in the report.

<u>/Document/BkToCstmrStmnt/Stmnt/TxsSummary/TtlCdtNtries/Sum</u>	
Total Debit Entries <u>/Document/BkToCstmrStmnt/Stmnt/TxsSummary/TtlDbtNtries/Sum</u>	Total sum of all of debit entries in the report.
Multiple repetitions of entry	
[...]	
Entry Details	
[...]	
<u>Local instrument code</u> <u>Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/LclInstrm/Cd</u>	
Local Instrument Proprietary <u>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</u>	Liquidity transfers: <ul style="list-style-type: none"> • LIIE = Immediate liquidity transfer - inter-service • LIIA = Immediate liquidity transfer - intra-service • <u>LIPU = Immediate LT - inter-service pull</u> [...]
[...]	

[...]

CLM UDFS-chapter 13.1.2.2 Schema, page 435

“Hyperlinks to MyStandards UGs for CLM to be updated.”

Multiplicity change for block <EntryDetails> of camt.053 AccountStatement and camt.053 GL

<u>TAG</u>	<u>RTGS multiplicity</u>	<u>CLM Account Statement multiplicity</u>	<u>CLM GL multiplicity</u>
<u>BkToCstmrStmnt/Stmnt/Ntry/NtryDtls</u>	<u>[1..1]</u>	<u>[1..*]</u>	<u>[1..*]</u>

RTGS UDFS-chapter 12.2.20.2 Schema, page 506

“Hyperlink to MyStandards UGs for RTGS to be updated.”

Length and character set change applied to BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry

<u>TAG RTGS</u>	<u>RTGS data type UDFS v2.1 Addendum</u>	<u>HVPSPPlus data type</u>
BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry	<u>TARGET</u> RestrictedFINXMax4Text <u>Extended</u>	HVPSPPlus_RestrictedFINXMax35Text

RTGS UDFS-chapter 12.2.20.3 The message in business context, page 508

[...]

Table 263

Message	Utilisation
Group Header	
[...]	
Transaction Summary In the case of message pagination this information is only provided in the first camt.053 and contains all entries on the CLM cash account.	
[...]	
Total Credit Entries /Document/BkToCstmrStmt/Stmt/TxsSummary/TtlCdtNtries/Sum	Total sum of all credit entries in the report.
Total Debit Entries /Document/BkToCstmrStmt/Stmt/TxsSummary/TtlDbtNtries/Sum	Total sum of all of debit entries in the report.
Multiple repetitions of entry	
[...]	
Entry Details	
[...]	
Local Instrument Proprietary /Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/LcInstrm/Prtry	Liquidity transfers: <ul style="list-style-type: none"> • LIIE = Immediate liquidity transfer - inter-service • LIIA = Immediate liquidity transfer - intra-service (incl. AS-related + SBTI) • LIAS - Immediate liquidity transfer - intra-service ancillary system on behalf • <u>LIPU = Immediate LT - inter-service pull</u> [...]
[...]	

[...]

ECONS II UDFS-chapter 3.3.2.1.7 BankToCustomerStatement (camt.053), page 100

“Hyperlink to MyStandards UGs for ECONSII to be updated.”

Message documentation on MyStandards RTGS and CLM Bank To Customer Statement (camt.053)

Change Usage guideline on MyStandards. XSD schema change in all elements, detail above. This causes a new technical version.

Message documentation on MyStandards CLM_TARGET_Services_GeneralLedger (camt.053)

None of the samples needs to be change, due that even they use the tag, the content complies with the change on length and character set. The multiplicity change does not need a change on the samples, because only one element is displayed.

7 EUROSYSTEM UPDATE [SDD-CN-PBR-016, PBI-212309]: page 399 (CLM UDFS-chapter 12.2.14.2 Schema), page 403 (CLM UDFS-chapter 12.2.14.3 The message in business context), page 517 (RTGS UDFS-chapter 12.2.21.2 Schema), page 521 (RTGS UDFS-chapter 12.2.21.3 The message in business context), Message documentation on MyStandards Bank To Customer Debit Credit Notification V08 (camt.054.001.08); Camt.054_updates

T2 actor needs consistency among messages and services.

RTGS:

Incorrect data type of BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry will cause processing error because of the inconsistencies between:

pacs element <localinstrument/prtry> and the camt.054 reporting of these codes and

- between the message communication among CLM, RTGS and HVPSPPlus services
- Cash transfer category and business case codes updates

CLM:

Missing element BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Cd cause inconsistencies in reporting messages between:

pacs element <localinstrument/Cd> and the camt.054 reporting of these codes are needed due to further progress in the specification work.

Cash transfer category and business case codes updates

- incorrect multiplicity text for reported items is misleading, confusing and out of alignment with UDFS & schema

CLM UDFS-chapter 12.2.14.2 Schema, page 399

“Hyperlinks to MyStandards UGs for CLM to be updated.”

CLM UDFS-chapter 12.2.14.3 The message in business context, page 403

[...]

Table 175

Message	Utilisation
Group Header	
[...]	
Entry Details	
[...]	
<u>Local instrument code</u> <u>Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Lcl</u> <u>Instrm/Cd</u>	
Local Instrument Proprietary /Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Lc lInstrm/Prtry	Liquidity transfers: <ul style="list-style-type: none"> • LIIE = Immediate liquidity transfer - inter-service • LIIA = Immediate liquidity transfer - intra-service (incl. AS-related + SBTI) • <u>LIPU = Immediate LT - inter-service pull</u> [...]
[...]	

[...]

RTGS UDFS-chapter 12.2.21.2 Schema, page 517

“Hyperlink to MyStandards UGs for RTGS to be updated.”

RTGS UDFS-chapter 12.2.21.3 The message in business context, page 521

[...]

Table 265

Message	Utilisation
Group Header	
[...]	
Entry Details	

[...]	
Local Instrument Proprietary /Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Lc lInstrm/Prtry	Liquidity transfers: <ul style="list-style-type: none"> • LIIE = Immediate liquidity transfer - inter-service • LIIA = Immediate liquidity transfer - intra-service (incl.AS-related + SBTI) • LIAS - Immediate liquidity transfer - intra-service ancillary system on behalf • <u>LIPU = Immediate LT - inter-service pull</u> [...]
[...]	

[...]

Message documentation on MyStandards Bank To Customer Debit Credit Notification V08 (camt.054.001.08)

Change Usage guideline on MyStandards. None of the samples is impacted.

Change of data type to align character set of BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LcInstrm/Prtry

<u>TAG RTGS</u>	<u>Data type from</u>	<u>Data type to</u>
BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LcInstrm/Prtry	TARGET RestrictedFINXMax4Text Extended	TARGET Re

8 EUROSYSTEM UPDATE [SDD-CN-PBR-017, PBI-212305, JIRA CSLD-0647]: page 573
(RTGS UDFS-chapter 12.4.3.2 Schema), Message documentation on MyStandards
CustomerCreditTransfer (pacs.008), page 116 (RTGS UHB-chapter 5.1.12 - Customer Credit
Transfer – New Screen); Pacs.008 HVPS+ alignments

HVPSPPlus alignment of element data types, field length and multiplicity is needed to enable RTGS parties to use RTGS pacs.008 messages also cross border without manual intervention and to prevent translation/conversion issues respectively rejection of T2 RTGS messages.

RTGS UDFS-chapter 12.4.3.2 Schema, page 573

“Hyperlink to MyStandards UGs for RTGS to be updated.”

Message documentation on MyStandards CustomerCreditTransfer (pacs.008)

Change Usage guideline on MyStandards: XSD Schema change in all elements detailed above. This causes a new technical version. None of the samples uses the tags that need to be modified, so no sample is impacted.

9 EUROSYSYSTEM UPDATE [SDD-CN-PBR-019, PBI-211896]: page 209 (CRDM UDFS-chapter 3.1.3.3. **CashAccountAuditTrailQuery** (reda.039)), page 210 (CRDM UDFS-chapter 3.1.3.4. **CashAccountAuditTrailReport** (reda.040)), page 212 (CRDM UDFS-chapter 3.1.3.5. **PartyAuditTrailQuery** (reda.042)), page 214 (CRDM UDFS-chapter 3.1.3.6.1 **Overview and scope of the message**), **Message documentation on MyStandards CoCo PartyAuditTrailReport (reda.043); Reda.043 Data Type Pattern Alignment**

In order to correctly report information regarding audit trail on e-mail address configured for a party, a new datatype pattern will be defined and applied for PartyAuditTrailReport (reda.043).

CRDM UDFS-chapter 3.1.3.3. CashAccountAuditTrailQuery (reda.039), page 209

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.3.4. CashAccountAuditTrailReport (reda.040), page 210

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.3.5. PartyAuditTrailQuery (reda.042), page 212

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.3.6.1 Overview and scope of the message, page 214

This chapter illustrates the PartyAuditTrailReport message.

The PartyAuditTrailReport is sent by CRDM to an authorised actor to provide with requested Party audit trail information.

The PartyAuditTrailReportV01 reports changes applied to the following entities:

- Party;
- Party Name;
- Party Address;
- Party Code;
- Party Contact.

“Hyperlink to MyStandards UGs for CoCo to be updated.”

MyStandards T2-CoCo - CashAccountAuditTrail PartyAuditTrail

1. Define a new DataType in MyStandards: “TARGET_RestrictedFINXMax350Text_Extended”
2. Assign the following pattern to this new DataType:
`[0-9a-zA-Z\-\?\:\(\)\.,\'+!#$%&*=\^_`{|\}~\"; <> @ [\]]{1,348}[0-9a-zA-Z\-\?\:\(\)\.,\'+!#$%&*=\^_`{|\}~\"; <> @ [\]]{1,348}[0-9a-zA-Z\-\?\:\(\)\.,\'+!#$%&*=\^_`{|\}~\"; <> @ [\]]{1,348}`
3. Apply this new DataType to fields:

reda.043 -
 Document/PtyAudtTrlRpt/RptOrErr/PtyAudtTrlRpt/PtyAudtTrlOrErr/AudtTrl/Rcrd/Othr/OdFldVal
 reda.043 -
 Document/PtyAudtTrlRpt/RptOrErr/PtyAudtTrlRpt/PtyAudtTrlOrErr/AudtTrl/Rcrd/Othr/NewFldVal
 |

Message documentation on MyStandards CoCo PartyAuditTrailReport (reda.043)

Define / apply new DataType to fields:

/Document/PtyAudtTrlRpt/RptOrErr/PtyAudtTrlRpt/PtyAudtTrlOrErr/AudtTrl/Rcrd/Othr/OdFldVal

/Document/PtyAudtTrlRpt/RptOrErr/PtyAudtTrlRpt/PtyAudtTrlOrErr/AudtTrl/Rcrd/Othr/NewFldVal (No change in UG text required)

10 EUROSYSTEM UPDATE [SDD-CN-PBR-020, PBI-212306]: page 590 (RTGS UDFS-chapter 12.4.4 FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009)), page 496 (CLM UDFS-chapter 13.4.2 FinancialInstitutionCreditTransfer (CORE) (pacs.009)), Message documentation on MyStandards FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009), page 222 (RTGS UHB-chapter 5.1.13 – Financial Institution Credit Transfer – New Screen), page 102 (CLM UHB-chapter 5.1.11 – Financial Institution Credit Transfer – New Screen); Pacs.009 HVPS+ alignments

HVPSPlus alignment of element data types, field length and multiplicity is needed to enable RTGS parties to use RTGS pacs.008 messages also cross border without manual intervention and to prevent translation/conversion issues respectively rejection of T2 RTGS messages.

RTGS UDFS-chapter 12.4.4 FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009), page 590

“Hyperlink to MyStandards UGs for RTGS to be updated.”

CLM UDFS-chapter 13.4.2 FinancialInstitutionCreditTransfer (CORE) (pacs.009), page 496

“Hyperlink to MyStandards UGs for CLM to be updated.”

Message documentation on MyStandards FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009)

Change Usage guideline on MyStandards:

XSD Schema change in all elements detail above. This causes a new technical version.

None of the samples uses the tags that need to be modified, so no sample is impacted.

11 EUROSYSTEM UPDATE [SDD-CN-PBR-021 PBI-212390, SDD-CN-PBR-022 PBI-212391, RealBICs / JIRAs CSLD 379 / 400 / 572 / JIRAs CSLD 500 / 568 / 612 / 639 / 670 internal review]: page 333 (CLM UDFS-chapter 11.3 Usage of Messages), page 326 – 343 (CLM UDFS-chapter 11.5 Business scenarios), page 367 – 368 (CLM UDFS-chapter 12.2.1.1 camt.003 – Overview and scope of the message), page 369 (CLM UDFS-chapter 12.2.1.2 camt.003 – Schema), page 363 –

364 (CLM UDFS-chapter 12.2.1.3 camt.003 – The message in business context), page 343ff. (CLM UDFS-chapter 12.2.2.1 camt.004 – Overview and scope of the message), page 344 (CLM UDFS-chapter 12.2.2.2 camt.004 – Schema), page 431ff. (CLM UDFS-chapter 12.2.2.3 camt.004 – The message in business context); page 468ff. (CLM UDFS-chapter 13.3.5.3 camt.998 GetValueOfReserveMinimumReserve – The message in business context), page 471ff. (CLM UDFS-chapter 13.3.6.3 camt.998 ReturnValueOfReserveMinimumReserve – The message in business context), page 397ff. (RTGS UDFS-chapter 11.5 Business scenarios), page 428f. (RTGS UDFS-chapter 12.2.1.1 camt.003 – Overview and scope of the message), page 430 (RTGS UDFS-chapter 12.2.1.3 camt.003 – The message in business context), page 430 (RTGS UDFS-chapter 12.2.2.1 camt.004 – Overview and scope of the message), page 434ff. (RTGS UDFS-chapter 12.2.2.3 camt.004 – The message in business context); Camt.003 camt.004 CLM schema updates

For this section 11, please also refer to Excel Annexes listed above.

Table 1 - ReturnAccount (camt.004) – usage case Request for minimum reserve fulfilment information by a non-lead participant, with data response

CLM actor needs accurate information about the different uses covered by this message set, i.e. available liquidity query-response, several query-responses related to minimum reserve and push notifications. To support CLM actors needs the message scope descriptions and field annotations need to be improved. Furthermore, the account type codes, balance type codes, and linked status need to be adapted. For minimum reserve related queries elements <AccountServicer> and <RequestType> along with three new codes need to be introduced. Without these updates on this message set, CLM and CLM actor will not be able to process queries and responses and push notifications properly

CLM UDFS-chapter 11.3 Usage of Messages, page 311

Table 95

camt.003	Send CLM query	Query request message - available liquidity CLM query	Inbound
	Send CLM query	Query request message - minimum reserve fulfilment query	Inbound
	Send CLM query	Query request message - minimum reserve requirements	Inbound

		per leading CLM Account Holder query (CB only)	
camt.004	Process automatic marginal lending - setting up - before and after launch of ECMS	Spillover notification	Outbound
	Send CLM query	Query rejection for failed business validation - available liquidity CLM query	Outbound
	Send CLM query	Query rejection for failed business validation - minimum reserve fulfilment query	Outbound
	Send CLM query	Query rejection for failed business validation - minimum reserve requirements per leading CLM Account Holder query (CB only)	Outbound
	Send CLM query	Query response for business data - available liquidity CLM	Outbound

		query	
	Send CLM query	Query response for business data - minimum reserve fulfilment query	Outbound
	Send CLM query	Query response for business data - minimum reserve requirements per leading CLM Account Holder query (CB only)	Outbound
	Process CLM floor and ceiling	Floor/ceiling notification	Outbound

camt.998 Return Value Of Reserve Minimum camt.998	Send CLM query	Query rejection for failed business validation - minimum reserve of a banking community query (CB only)	Outbound
	Send CLM query	Query response for business data - minimum reserve of a banking community query (CB only)	Outbound

camt.998 Get Value Of Reserve Minimum Reserve	Send CLM query	Query request message - minimum reserve of a banking community query (CB only)	Inbound
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CLM UDFS-chapter 11.5 Business scenarios, page 320 – 330

This chapter provides [...] and system of real BICs [...] [...] scenarios [...].

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

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

All single changes from FakeBICs to RealBICs are documented at Excelsheet

New table 96 – Table of BICs and account identifiers

Description of usage	Party BIC	Account BIC	Account identifier
System	TRGTEXPMCLM		
Party (CB)	MARKDEFFXXX		
CLM CB account	MARKDEFFXXX	MARKDEFFXXX	MDEEURMARKDEFFXXXMARKDEFFXXX
Overnight deposit account	MARKDEFFXXX	n/a	DDEEURCOBADEFFXXX0001
Marginal lending account	MARKDEFFXXX	n/a	LDEEURCOBADEFFXXX0001
Party (payment bank #1)			
CLM MCA	COBADEFFXXX	COBADEFFXXX	MDEEURCOBADEFFXXXCOBADEFFXXX
Party (payment bank #3)	SOLADESTXXX		
CLM MCA	SOLADESTXXX	SOLADESTXXX	MDEEURSOLADESTXXXSOLADESTXXX
Externally held account	n/a	INGBDEFFXXX	

Party (external party)	SOGEFRPPHCM	n/a	
Abstract reference to T2S DCA	n/a	n/a	ERTGSC0DEEUR001
Unknown BIC used in validation failure examples	BSCHARBASSS		
Other mandatory message usages, but not used by CLM			
Debtor	BSCHARBAXXX		
Creditor	INGBBRSPXXX		

Table 97 – New and changed business scenarios – different changes

Business scenario	Overview	Message examples
Scenario 004 – CLM camt.pacs.056 for pacs.009 rejected	[..]	[..]
Scenario 068 – CLM standing order for billing settles	A direct debit (pacs.040) is executed in CLM in settlement of a previously indicated billing invoice and settles successfully. In CLM <u>there is no all the pacs messages are not forwarded along the</u> payment chain, so the debited party receives a camt.054 notification of the debit.	camt.054_CLM_DebitNotification_Billing_bs068.xml
<u>Scenario 073 – CLM automatic marginal lending</u>	<u>During CLM end of day processing, a PB has a negative overall balance and CLM invokes automatic</u>	<u>camt.054_CLM_CreditNotification_AMLS_bs073.xml</u> <u>camt.054_CLM_DebitNotification_A</u>

	<p><u>marginal lending. In this scenario, it is accepted that the CB and PB are fully subscribed to all response messages.</u></p> <p><u>CLM generates an internal connected payment which it successfully settles, including a simultaneous reduction in the credit line. CLM then uses camt.054 messages to inform the CB of the amount debited from the marginal lending account (before ECMS) and to inform the PB of the amount credited to the PB's MCA (and the respective reduction in credit line).</u></p> <p><u>During start of day processing of the next business day, CLM generates an internal reversing connected payment which it successfully settles, including a simultaneous increase in the credit line. CLM then uses camt.054 messages to inform the CB of the amount credited to the marginal lending account and to inform the PB of the amount debited from the PB's MCA (and the respective increase in credit line).</u></p> <p><u>Finally, CLM calculates and moves the marginal lending interest amount from the PB's default MCA to the CB's marginal lending account for that PB. CLM then uses camt.054 messages to inform the CB and PB of this interest payment.</u></p>	<p><u>MLS_bs073.xml</u></p> <p><u>camt.054 CLM DebitNotification_A MLR_bs073.xml</u></p> <p><u>camt.054 CLM CreditNotification_A MLR_bs073.xml</u></p> <p><u>camt.054 CLM DebitNotification_M LIN_bs073.xml</u></p> <p><u>camt.054 CLM CreditNotification_MLIN_bs073.xml</u></p>
<u>Scenario 074 – CLM spillover notification (camt.004) to CB</u>	<p>During CLM end of day processing, a PB has a negative overall balance but CLM cannot invoke marginal lending because the PB has</p>	<p><u>camt.004 CLM ReturnAccount Spillover_bs074.xml{</u></p>

	<p>insufficient permission for the facility. In this case, CLM alerts the responsible central bank to the situation using a camt.004 message in 'spillover' mode.</p> <p>It should be noted that the camt.004 is an alert regarding the funding situation of the PB and does not make any reference to particular payment/s which may have caused the situation.</p>	
<u>Scenario 079 – CLM payment validity timeout</u>	<p><u>A pacs.009 payment order message was validated by CLM and queued for execution within the validity period given on the payment order. By the end of the validity period, the payment order had not achieved settlement so CLM rejected it and used an admi.004 system event notification message to notify the sender of the pacs.009 about the rejection.</u></p> <p><u>Note: to avoid an excess number of example payment messages, the pacs.009 is not available, but is assumed to be of a basic data population with a validity period and appropriate references for this scenario.</u></p>	<p><u>Inbound pacs.009 CLM FICreditTransferOrder bs079.xml (not available)</u></p> <p><u>admi.004 CLM SystemEventNotification RJCT bs079.xml</u></p>
<u>Scenario 080 – CLM operations related</u>	<p><u>During the processing day, a problem occurred whereby a CLM Party had to be temporarily blocked while the problem was resolved. The Operator used CLM to send an admi.004 system event notification message to notify relevant parties of the blocking.</u></p>	<p><u>admi.004 CLM SystemEventNotification FREE bs080.xml</u></p>

Scenario 084 – CLM threshold breaches	<p>During the processing day, settlement of payment orders and liquidity transfers alters some account balances in a way which takes them either over the ceiling threshold for the account, or under the floor threshold. CLM tracks such threshold breaches and sends notifications to the account holders when it occurs.</p> <p>In this business scenario, CLM has detected 2 such breaches during business scenarios bs004 and bs050.</p>	<p>camt.004_CLM_ReturnAccount_FLOR_bs084.xml</p> <p>camt.004_CLM_ReturnAccount_CEIL_bs084.xml</p>
<u>Scenario 104 – CLM camt.003 minimum reserve fulfilment query by a CB, with data response</u>	A camt.003 account query message is sent to CLM by a CB requesting minimum reserve fulfilment information for a specified lead account holder. The valid request is processed and a camt.004 is returned with the requested information.	<p><u>camt.003_CLM_AccountQuery_bs104.xml</u></p> <p><u>camt.004_CLM_ReturnAccount_bs104.xml</u></p>
<u>Scenario 105 – CLM camt.003 minimum reserve fulfilment query by a non-lead participant, with data response</u>	A camt.003 account query message is sent to CLM by a participant (not a lead account holder) requesting minimum reserve fulfilment information for a specified account. The valid request is processed and a camt.004 is returned with the requested information.	<p><u>camt.003_CLM_AccountQuery_bs105.xml</u></p> <p><u>camt.004_CLM_ReturnAccount_bs105.xml</u></p>
Scenario 145 – CLM camt.998 (GetValue) with data response	A central bank sends a Get Value (camt.998-GetValueOfMinimumReserve) message to query the value of minimum reserve amounts for all payment banks within its entire community for the stated	<p>camt.998_CLM_GetValueOfMinimumReserve_bs145.xml</p> <p>camt.998_CLM_ReturnValueOfMinimumReserve_bs145.xml</p>

	<p>maintenance period. CLM responds by sending a Return Value (camt.998-ReturnValueOfMinimumReserve) message containing the resulting data.</p> <p>To make sense of the response, the query is presumed to be submitted by CB (BIC: CBAADFFXXXMARKDEFFXXX)</p>	
Scenario 146 – CLM camt.998 (GetValue) with error response	<p>A central bank sends a Get Value (camt.998-GetValueOfMinimumReserve) message to query the value of minimum reserve amounts for all payment banks within its entire community for the stated maintenance period. CLM fails the query against the validation rules and then responds by sending a Return Value (camt.998-ReturnValueOfMinimumReserve) message containing details of the validation error.</p> <p>To make sense of the response, the query is presumed to be submitted by CB (BIC: CBAADFFXXXMARKDEFFXXX)</p>	<p>camt.998_CLM_GetValueOfMinimumReserve_bs146.xml</p> <p>camt.998_CLM_ReturnValueOfMinimumReserve_bs146.xml</p>

CLM UDFS-chapter 12.2.1.1 camt.003 – Overview and scope of the message, page 341

This chapter illustrates the *GetAccount* message.

The *GetAccount* message is sent by a business sender to CLM.

It is used to request CLM cash account balances, credit line information (if granted, only relevant for the default MCA) and minimum reserve balances related to:

- | one cash account specified in the search criteria;
- | all cash accounts held by the account owner specified in the search criteria;

~~all cash accounts in the data scope of the business sender (without search criteria).~~

The message can be sent by the following business sender:

- | CLM Account Holder;
- | co-manager;
- | CB.

This message has the following three query uses within CLM:

1) The "Available liquidity CLM query" is used to request CLM cash account balances and credit line information (if granted, only relevant for the default MCA) related to:

- | all cash accounts in the data scope of the business sender (without search criteria);
- | all cash accounts held by the account owner specified in the search criteria;
- | one cash account specified in the search criteria.

For this query use the query type code must no be used.

2) The "Minimum reserve fulfilment query" is used to request minimum reserve balances related to:

- | the data scope of the business sender without search criteria if the business sender is the account owner (non-leading CLM Account Holder), the leading CLM Account Holder or the CB (banking community);
- | the leading CLM Account Holder BIC specified in the search criteria (account servicer BIC) if the business sender is a CB;
- | the account owner BIC specified in the search criteria if the business sender is a leading CLM Account Holder or the CB;

the account number specified in the search criteria if the business sender is the account owner (non-leading CLM Account Holder), the leading CLM Account Holder or the CB.

For this query use the query type code MRFQ (Minimum Reserve Fulfilment Query for current maintenance period) is required.

3) The "Minimum reserve requirement query" (available for CB only) is used to request minimum reserve requirements related to:

- | the data scope of the CB without search criteria (banking community);
- | the leading CLM Account Holder BIC specified in the search criteria (account servicer BIC);
- | the account owner BIC specified in the search criteria.

For this query use, the query type codes MRRC (Minimum Reserve Requirement Query for current maintenance period) or MRRN (Minimum Reserve Requirement Query for next maintenance period) are required.

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).

[..]

CLM UDFS-chapter 12.2.1.2 camt.003 – Schema, page 342

[..]

- | Account identification;
- | Account ~~owner~~Holder;
- | Account Servicer

[..]

CLM UDFS-chapter 12.2.1.3 camt.003 – The message in business context, page 342

Change at table 108

Message item	Utilisation
Message Header	
[...]	
<u>Request Type Proprietary Identification</u> <u>/Document/GetAcct/MsgHdr/ReqTp/Pr</u> <u>try/Id</u>	1) "Available liquidity CLM query": Element must not be used. 2) "Minimum reserve fulfilment query": Code "MRFQ" - <u>Minimum Reserve Fulfilment Query for current maintenance period</u> 3) "Minimum reserve requirement query": <ul style="list-style-type: none"> • Code "MRRC" - Minimum Reserve Requirement Query for current maintenance period (CB only) • Code "MRRN" - Minimum Reserve Requirement Query for next maintenance period (CB only)

Account Query Definition	
Account Identification /Document/GetAcct/AcctQryDef/AcctCrit/NewCrit/SchCr it/AcctId/EQ/Othr/Id	<u>Account number of CLM cash account. Not allowed for "Minimum reserve requirement query".</u> - <u>MCA</u> - <u>CLM CB Account</u> - <u>Overnight deposit account</u> - <u>Marginal lending account</u> CLM Account
Account Owner <u>BIC</u> /Document/GetAcct/AcctQryDef/AcctCrit/NewCrit/SchCr it/AcctOwnr/Id/OrgId/AnyBIC	BIC of CLM Account <u>owner</u> holder
<u>Account Servicer BIC</u> /Document/GetAcct/AcctQryDef/AcctCrit/NewCrit/SchCr it/AcctSvcr/FinInstnId/BICFI	<u>BIC of Leading CLM Account Holder. Can only be used for "Minimum reserve requirement query" and "Minimum reserve fulfilment query" by a CB.</u>

New example - text and table

Usage case: CLM Get Account (Scenario 104)

In this example, the business sender (CB) is using a minimum reserve fulfilment query code with a lead party identifier to indicate only accounts under this lead party should be returned.

Table 2 - GetAccount (camt.003) – usage case Request for minimum reserve fulfilment information by a CB, with data response

Message item	Utilisation
Message Identification /Document/GetAcct/MsgHdr/MsgId	NONREF
Request Type /Document/GetAcct/MsgHdr/ReqTp/Prtry/Id	MRFQ
Account Identification /Document/GetAcct/AcctQryDef/AcctCrit/NewCrit/SchCr it/AcctSvcr/FinInstnId/BICFI	COBADEFFXXX

Usage case example: camt.003_CLM_AccountQuery_bs104.xml

New example - text and table

Usage case: CLM Get Account (Scenario 105)

In this example, the business sender is using a minimum reserve fulfilment query code with an account id to indicate that minimum reserve fulfilment information for this account only should be returned.

Table 3 - GetAccount (camt.003) – usage case Request for minimum reserve fulfilment information by a non-lead participant, with data response

Message item	Utilisation
Message Identification /Document/GetAcct/MsgHdr/MsgId	NONREF
Request Type /Document/GetAcct/MsgHdr/ReqTp/Prtry/Id	MRFQ
Account Identification /Document/GetAcct/AcctQryDef/AcctCrit/NewCrit/SchCr it/AcctId/EQ/Othr/Id	MDEEURSOLADESTXXXXSOLADESTXXX

Usage case example: camt.003_CLM_AccountQuery_bs105.xml

CLM UDFS-chapter 12.2.2.1 camt.004 – Overview and scope of the message, page –343ff.

This chapter illustrates the *ReturnAccount* message.

This message has the following four query response uses within CLM:

The ~~ReturnAccount~~ message is sent by CLM either in response to a [GetAccount \(camt.003\)](#) [~~Error! Bookmark not defined.~~] message or as a push notification.

As a response to a ~~GetAccount~~ message, it is used to provide the requested balance information according to the specified search criteria.

As a push notification it is used to provide balance information related to the triggering business function.

CLM Push notification-Use:

The ReturnAccount message is sent by CLM as a push notification. This message has the following push notification uses within CLM:

- 1) "Floor/ceiling notification" to provide balance information related to the triggering floor/ceiling business function to the account owner.
- 2) "Spillover notification" to provide spillover balance information related to the trigger-ing end of day business function to the CB.

CLM Query response-Use:

The ReturnAccount message is sent by CLM in response to a [GetAccount \(camt.003\)](#) message. This message has the following four query response uses within CLM:

- 1) "Query response for available liquidity CLM query" to provide the requested balance information according to the specified search criteria or data scope.
- 2) "Query response for minimum reserve fulfilment query" to provide the requested minimum reserve fulfilment information for the current minimum reserve maintenance period. For this message use three different views containing different levels of minimum reserve fulfilment information (multiple <AccRpt> occurrences and multiple <MulBal> occurrences with different balance type codes as specified below) are provided.

Leader view:

- I if business sender is a CB and search criteria is not provided or if business sender is a CB and leading CLM Account Holder BIC is specified in the search criteria (account servicer BIC);
- I if business sender is a leading CLM account Holder and search criteria is not provided.

The leader view provides the following information on leader level for each leading CLM Account Holder subject to minimum reserve obligation:

- I "BLCK" - minimum reserve requirement;
- I "ADJT" - adjustment balance;
- I "PRAV" - running average;
- I "EXRE" - excess reserve exemption threshold (exempt tier);

- | "EXRR" - excess reserve remuneration balance (non-exempt tier).

Additionally it provides the following information on party level for each Account Owner subject to minimum reserve obligation (exception: If there is a party leading only itself and no other parties information on party level is not provided for this leader):

- | "BLCK" - minimum reserve requirement;
- | "EXRE" - excess reserve exemption threshold (exempt tier) if relevant.

Furthermore, it provides the following information on account level for each account configured for inclusion in minimum reserve calculation:

- | "CLSG" - closing balance.

Party view:

- | if business sender is a CB and search criteria Account Owner BIC is provided;
- | if business sender is a leading CLM Account Holder and search criteria Account Owner BIC is provided;
- | if business sender is an Account Owner (non-leading CLM Account Holder) and search criteria is not provided.

The party view provides the following information on party level for each Account Owner subject to minimum reserve obligation:

- | "BLCK" - minimum reserve requirement;
- | "EXRE" - excess reserve exemption threshold (exempt tier) if relevant.

Furthermore, it provides the following information on account level for each account configured for inclusion in minimum reserve calculation:

- | "CLSG" - closing balance.

Account view:

- | if business sender is a CB and search criteria account number is provided;
- | if business sender is a leading CLM Account Holder and search criteria account number is provided;
- | if business sender is an Account Owner (non-leading CLM Account Holder) and search criteria account number is provided.

The account view provides the following information on account level:

- | "CLSG" - closing balance.

3) "Query response for minimum reserve requirements query (CB only)" to provide the requested minimum reserve requirement information for the current or next minimum reserve maintenance period.

For this message use two different views containing different levels of minimum reserve requirement information (multiple <AccRpt> occurrences and multiple <MulBal> occurrences with different balance type codes as specified below) are provided.

Leader view:

If search criteria is not provided or if leading CLM Account Holder BIC is specified in the search criteria (account servicer BIC).

The leader view provides the following information on leader level for each leading CLM Account Holder subject to minimum reserve obligation:

- | "BLCK" - minimum reserve requirement;
- | "EXRE" - excess reserve exemption threshold (exempt tier) if relevant.

Additionally it provides the following information on party level for each Account Owner subject to minimum reserve obligation (exception: If there is a party leading only itself and no other parties information on party level is not provided for this leader):

- | "BLCK" - minimum reserve requirement;
- | "EXRE" - excess reserve exemption threshold (exempt tier) if relevant.

Party view:

If search criteria Account Owner BIC is provided.

The party view provides the following information on party level for each Account Owner subject to minimum reserve obligation:

- | "BLCK" - minimum reserve requirement;
- | "EXRE" - excess reserve exemption threshold (exempt tier) if relevant.

4) "Query rejection for failed business validation" in case of business validation error(s) on the GetAccount query. CLM sends the ReturnAccount message containing the respective error code(s) and error description(s) to the business receiver.

The usage of this message is to be found in chapter [Usage of Messages](#) [**Error! Bookmark not defined.**].

~~In the case of business validation error(s) on the GetAccount query, CLM sends the ReturnAccount message containing the respective error code(s) and error description(s) to the business receiver.~~

CLM UDFS-chapter 12.2.2.2 camt.004 – Schema, page 344

- | account identification;
- | account type;
- | currency;
- | account owner;
- | Account Servicer;
- | multilateral balances (multiple).

CLM UDFS-chapter 12.2.2.3 camt.004 – The message in business context, page 431ff.

Change at new table

Message item	Utilisation
Message Header	
[...]	
<u>Request Type Proprietary Identification</u> <u>/Document/GetAcct/MsgHdr/ReqTp/Prtry/Id</u>	<p>1) "Query response for available liquidity CLM query": <u>Not used</u></p> <p>2) "Query response for minimum reserve fulfilment query": <u>MRFQ - Minimum Reserve Fulfilment Query response for current maintenance period</u></p> <p>3) "Query response for minimum reserve requirement query": Depending on the query sent to CLM, one of the following codes will be reported:</p> <ul style="list-style-type: none"> • <u>MRRC - Minimum Reserve Requirement Query response for current maintenance period</u> • <u>MRRN - Minimum Reserve Requirement Query response for next maintenance period</u>
<u>Original Business Query Message Identification</u> <u>/Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId</u> <u>/Document/RtrAcct/MsgHdr/OrgnlBizQry</u>	<p><u>Unique identification of the original query message</u></p> <p><u>CLM Push notification-use: Value "NONREF"</u></p> <p><u>CLM Query response-use: Copy of BAH BizMsgldr of GetAccount message</u></p>
Account Report <p>CLM Push notification-Use: 1) "Floor/ceiling notification" + 2) "Spillover notification": Always one occurrence of <AcctRpt> message block is provided.</p> <p>CLM Query response-Use: One or multiple occurrences of <AcctRpt> message block are provided according to datascope and specified search criteria in the query. For details see scope description of message.</p>	
Account Identification	CLM Push notification-Use:

/Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	<p><u>CLM cash account</u></p> <p><u>Number</u></p> <p><u>CLM Query response-Use:</u></p> <p>1) "Query response for available liquidity CLM query": <u>CLM cash account number</u></p> <p>2) "Query response for minimum reserve fulfilment query": - for each information on leader level: fixed term <u>"Leader Minimum Reserve Amounts"</u></p> <ul style="list-style-type: none"> • <u>for each information on party level: fixed term</u> <u>"Party Minimum Reserve Amounts"</u> • <u>for each information on account level: CLM cash account number</u> <p>3) "Query response for minimum reserve requirement query":</p> <ul style="list-style-type: none"> • <u>for each information on leader level: fixed term</u> <u>"Leader Minimum Reserve Amounts"</u> • <u>for each information on party level: fixed term</u> <u>"Party Minimum Reserve Amounts"</u> <p><u>Identification assigned by an institution</u></p>
<p>Account Type Code</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/Cd</p>	<p><u>CLM Push notification-Use:</u></p> <p>1) "Floor/ceiling notification": Not used.</p> <p>2) "Spillover notification": always CACC - CLM MCA</p> <p><u>CLM Query response-Use:</u></p> <p>1) "Query response for available liquidity CLM query":</p> <ul style="list-style-type: none"> • <u>CACC - CLM cash account except marginal lending account or overnight deposit account</u> • <u>MGLD - Marginal lending account</u>

	<ul style="list-style-type: none"> • <u>ONDP - Overnight deposit account</u> <p>2) "Query response for minimum reserve fulfilment query":</p> <ul style="list-style-type: none"> • <u><Tp> is only provided if CLM cash 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).</u> <ul style="list-style-type: none"> • <u>CACC - CLM MCA</u> • <u>SACC - RTGS DCA</u> • <u>OTHR - TIPS account</u> • <u>CASH - T2S DCA</u> <p>3) "Query response for minimum reserve requirement query": Not used.</p> <p><u>Only "CACC" is used (Current account)</u></p>
<p>Currency</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Ccy</p>	<p><u>CLM Push notification-Use:</u></p> <p><u>Specifies the currency of the cash account.</u></p> <p><u>CLM Query response-Use:</u></p> <p>1) "Query response for available liquidity CLM query": <u>Specifies the currency of the cash account.</u></p> <p>2) "Query response for minimum reserve fulfilment query" +</p> <p>3) "Query response for minimum reserve requirement query": always EUR. <u>Specifies the currency of the account</u></p>
<p><u>Account Owner Name</u></p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Nm</p>	<p><u>CLM Push notification-Use:</u></p> <p><u>Not used.</u></p> <p><u>CLM Query response-Use:</u></p>

	<p>1) <u>"Query response for available liquidity CLM query":</u> <u>Name of party owning the reported CLM cash account.</u></p> <p>2) <u>"Query response for minimum reserve fulfilment query" +</u></p> <p>3) <u>"Query response for minimum reserve requirement query": Not used.</u></p>
<p>Account Owner <u>BIC</u></p> <p><u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Id/OrgId/AnyBIC</u></p>	<p><u>CLM Push notification-Use:</u></p> <p><u>Party BIC of CLM cash account owner.</u></p> <p><u>CLM Query response-Use:</u></p> <p>1) <u>"Query response for available liquidity CLM query":</u> <u>Party BIC of CLM cash account owner.</u></p> <p>2) <u>"Query response for minimum reserve fulfilment query":</u></p> <ul style="list-style-type: none"> • <u>for each information on leader level: Not used.</u> • <u>for each information on party level: Party BIC of party subject to minimum reserve obligation.</u> • <u>for each information on account level: Party BIC of CLM cash account owner.</u> <p>3) <u>"Query response for minimum reserve requirement query":</u></p> <ul style="list-style-type: none"> • <u>for each information on leader level: Not used.</u> • <u>for each information on party level: Party BIC of party subject to minimum reserve obligation.</u> <p><u>BIC of the account owner</u></p>
<p>Account Servicer <u>BIC</u></p> <p><u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Service/FinInstnId/BICFI</u></p>	<p><u>CLM Push notification-Use:</u></p> <p><u>Not used.</u></p> <p><u>CLM Query response-Use:</u></p>

	<p>1) "Query response for available liquidity CLM query": <u>Not used.</u></p> <p>2) "Query response for minimum reserve fulfilment query":</p> <ul style="list-style-type: none"> • <u>for each information on leader level: Party BIC of leading CLM Account Holder.</u> • <u>for each information on party level: Party BIC of leading CLM Account Holder linked to reported party.</u> • <u>for each information on account level: Party BIC of leading CLM Account Holder linked to reported account.</u> <p>3) "Query response for minimum reserve requirement query":</p> <ul style="list-style-type: none"> • <u>for each information on leader level: Party BIC of leading CLM Account Holder.</u> • <u>for each information on party level: Party BIC of leading CLM Account Holder linked to reported party.</u>
Multilateral Balance	
[..]	
<p>Credit Debit Indicator</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</p>	<p><u>CLM Push notification-Use:</u></p> <p>1) "Floor/ceiling notification": Always CRDT (credit balance).</p> <p>2) "Spillover notification": Always DBIT (debit balance).</p> <p><u>CLM Query response-Use:</u></p> <p><u>Balance type codes OPNG, CLSG, CRRT, XPCD, AVLB, DLOD, BLCK, ADJT, PRAV, EXRE, EXRR:</u> Indicates whether the balance is a credit or a debit</p>

	<p><u>balance. A zero balance is reported with a credit indicator.</u></p> <p><u>One <MulBal> occurrence per status with either "DBIT" or "CRDT".</u></p> <p><u>Balance type codes NOTE, LTSF, PYMT: Indicates whether the amount increases (CRDT) or decreases (DBIT) the cash account balance. A zero amount is considered to be a credit operation.</u></p> <p><u>One <MulBal> occurrence per status for sum of "CRDT" and one <MulBal> occurrence per status for sum of "DBIT".</u></p> <p><u>In the case of BalanceTypeCode NOTE it defines whether it is a earmarked payment for debits or credits</u></p> <ul style="list-style-type: none"> <u>I CRDT – Operation is an increase,</u> <u>I DBIT – Operation is a decrease.</u> <p><u>A zero amount is considered to be a credit operation.</u></p>
<p>Multilateral Balance Code</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</p>	<p><u>CLM Push notification-Use:</u></p> <p><u>1) "Floor/ceiling notification": AVLB - Available liquidity (if reservation for seizure of funds is set up, then available liquidity is already reduced by the seized amount.) (status STLD)</u></p> <p><u>2) "Spillover notification": CRRT - Current balance (status not provided)</u></p> <p><u>CLM Query response-Use:</u></p> <p><u>1) "Query response for available liquidity CLM query":</u></p> <ul style="list-style-type: none"> <u>• OPNG - Opening balance (status STLD)</u> <u>• AVLB - Available liquidity (if reservation for seizure of funds is set up, then available liquidity is already reduced by the seized amount.) (status STLD)</u> <u>• CRRT - Current balance (status STLD)</u>

	<ul style="list-style-type: none"> • <u>DLOD - Daylight overdraft (if credit line is granted on default MCA) (status STLD or PDNG)</u> • <u>NOTE - Earmarked cash transfers (status PDNG)</u> • <u>XPCD - Projected liquidity (status PDNG)</u> • <u>LTSF - Liquidity transfer (status STLD or PDNG)</u> • <u>PYMT - Payments (status STLD or PDNG)</u> <p><u>2) "Query response for minimum reserve fulfilment query":</u></p> <ul style="list-style-type: none"> • <u>CLSG - Closing balance</u> • <u>BLCK - Requirement for minimum reserve</u> • <u>ADJT - Adjustment balance for minimum reserve</u> • <u>PRAV - Running average for minimum reserve</u> • <u>EXRE - Excess reserve exemption threshold (exempt tier)</u> • <u>EXRR - Excess reserve remuneration balance (non-exempt tier) For all codes always no status will be provided.</u> <p><u>3) "Query response for minimum reserve requirement query":</u></p> <ul style="list-style-type: none"> • <u>BLCK - Requirement for minimum reserve</u> • <u>EXRE - Excess reserve exemption threshold (exempt tier)</u> <p><u>For all codes always no status will be provided.</u></p> <p><u>I OPNG = Opening balance.</u></p> <p><u>I CLSG = Closing balance (if the account is not active, but a balance greater than zero is still present, CLSG will be used).</u></p> <p><u>I BLCK = Requirement for minimum reserve.</u></p>
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	<p><u>ADJT = Adjustment balance for minimum reserve.</u></p> <p><u>PRAV = Running average for minimum reserve.</u></p> <p><u>AVLB = Available liquidity (only MCA balance) (If reservation for seizure of funds is set up, then available liquidity is already reduced by the seized amount.).</u></p> <p><u>CRRT = Current balance (also used in spillover notification).</u></p> <p><u>DLOD = Daylight overdraft (if credit line is granted on default MCA).</u></p> <p><u>NOTE = Timed payments (earmarked).</u></p> <p><u>XPCD = Projected liquidity (only PDNG status is possible).</u></p> <p><u>LTSE = Liquidity transfer (After final execution of all cash transfers and credit line changes with intermediate status this balance type reports the reached available liquidity.).</u></p> <p><u>CRDT = sum of credits.</u></p> <p><u>DBIT = sum of debits.</u></p>
<p>Multilateral Balance Proprietary</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Prtry</p>	<p><u>Specifies the nature of a balance, in a proprietary form.</u></p> <p><u>CLM Push notification-Use:</u></p> <p>1) <u>"Floor/ceiling notification"</u></p> <ul style="list-style-type: none"> <u>FLOR - floor notification trigger amount (status not provided)</u> <u>CEIL - ceiling notification trigger amount (status not provided).</u> <p>2) <u>"Spillover notification": Not used.</u></p> <p>3.) <u>After launch of ECMS:</u></p>

	<ul style="list-style-type: none"> • <u>AMLA – Automated marginal lending amount</u> <p><u>CLM Query response-Use:</u> Not used.</p> <p> <u>FLOR = Floor,</u></p> <p> <u>CEIL = Ceiling.</u></p>
<p>Status</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</p>	<p><u>CLM Push notification-Use:</u></p> <p>1) <u>"Floor/ceiling notification": Status is partially provided.</u></p> <p>2) <u>"Spillover notification": Status is not provided.</u></p> <p><u>CLM Query response-Use:</u></p> <p>1) <u>"Query response for available liquidity CLM query": Status is always provided.</u></p> <p>2) <u>"Query response for minimum reserve fulfilment query": Status is not provided.</u></p> <p>3) <u>"Query response for minimum reserve requirement query": Status is not provided.</u></p> <p><u>Current status of a cash balance.</u></p> <p> <u>PNDG = Pending,</u></p> <p> <u>STLD = Settled.</u></p>
<p>Value Date Date</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</p>	<p><u>Business day</u></p> <p><u>CLM Push notification-Use:</u> Date expressed in business day.</p> <p>1) <u>"Floor/ceiling notification": For Balance Type AVLB only. Always current business day.</u></p> <p>2) <u>"Spillover notification": Always current business day.</u></p> <p><u>CLM Query response-Use:</u> Date expressed in business day.</p> <p>1) <u>"Query response for available liquidity CLM query":</u></p>

	<p><u>Always current business day.</u></p> <p>2) <u>"Query response for minimum reserve fulfilment query": Always previous business day.</u></p> <p>3) <u>"Query response for minimum reserve requirement query": Always previous business day.</u></p>
<p>Value Date Date Time</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/DtTm</p>	<p>AS-Use: Booking date and time</p>
<p>Processing Date Date Time</p> <p><u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u></p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/DtTm</p>	<p><u>CLM Push notification-Use:</u> Not used.</p> <p><u>CLM Query response-Use:</u> Current system date expressed in calendar day (UTC).</p> <p><u>Provided for available liquidity query response for balance type codes CRRT, XPCD, AVLB, DLOD, NOTE, LTSF and PYMT.</u></p> <p><u>Settlement time expressed in calendar day</u></p>
[..]	

New example – text and table

Usage case: Return Account (Scenario 074)

In this example, CLM is advising a CB that the PB owning the CLM MCA (Id "MDEEURCOBADEFFXXXCOBADEFFXXX") has a current balance of EUR3800,00Db but is in a spillover situation and is unable to fulfill its overnight balance obligations.

TableXXX - ReturnAccount (camt.004) – usage case CLM spillover notification

Message item	Utilisation
<p>Message Identification</p> <p>/Document/RtrAcct/MsgHdr/MsgId</p>	NONREF
<p>Original Business Query</p> <p>/Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId</p>	NONREF
Account Report	

Account Identification /Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	MDEEURCOBADEFFXXXCOBADEFFXXX
Account Type /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/Cd	CACC
Currency /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Currency	EUR
Account Owner /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Id/OrgId/AnyBIC	COBADEFFXXX
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultilateralBalance/Amt	3800.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultilateralBalance/CdtDbtInd	DBIT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultilateralBalance/Type/Prtry	CRRT
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultilateralBalance/ValDt/Dt	2019-10-09

Usage case example: camt.004_CLM_ReturnAccount_Spillover_bs074.xml

New example – text and table

Usage case: Return Account (Scenario 084 FLOR)

In this example, CLM is notifying the receiver that the successful settlement of a payment order (in this case, E2E-Id: Inp009b004-E2Eid from bs004 on 9th October, 2019) has caused the debited account (AcctId: MDEEURCOBADEFFXXXCOBADEFFXXX) to breach its pre-defined floor limit.

The balances provided are: the pre-defined floor limit and the current balance current balance immediately following the settlement.

Table 4 - ReturnAccount (camt.004) – usage case CLM threshold breaches - FLOR

Message item	Utilisation
Message Identification /Document/RtrAcct/MsgHdr/MsgId	NONREF
Original Business Query /Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId	NONREF
Account Report	
Account Identification /Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	<u>MDEEURCOBADEFFXXXCOBADEFFXXX</u>
Currency /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Ccy	EUR
Account Owner /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Id/OrgId/AnyBIC	COBADEFFXXX
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultBal/Amt	75000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultBal/Tp/Prtry	FLOR
Multilateral Balance	
Amount	150.00

/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Prtry	AVLB
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts	STLD
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-09

Usage case example: camt.004_CLM_ReturnAccount_FLOR_bs084.xml

New example – text and table

Usage case: Return Account (Scenario 084 CEIL)

In this example, CLM is notifying the receiver that the successful settlement of a liquidity transfer (in this case, E2E-Id: Inc050b050-E2Eid from bs050 on 8th October, 2019) has caused the credited account (Acct Id: MDEEURSOLADESTXXXSOLADESTXXX) to breach its pre-defined ceiling limit.

The balances provided are: the pre-defined ceiling limit and the current balance immediately following the settlement.

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

Message item	Utilisation
Message Identification /Document/RtrAcct/MsgHdr/MsgId	NONREF
Original Business Query /Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId	NONREF
Account Report	

Account Identification /Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	MDEEURSOLADESTXXXXSOLADESTXXX
Currency /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Ccy	EUR
Account Owner /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Id/OrgId/AnyBIC	SOLADESTXXX
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	600000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Prtry	CEIL
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/Prtry	AVLB
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M	STLD

ulBal/Sts	
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/Dt	2019-10-08

Usage case example: camt.004_CLM_ReturnAccount_CEIL_bs084.xml

Change at table 112, and the text immediately preceding it

The current balance shows as EUR 100,000 Credit, which reflects the effect of two settlements:

1. the pacs.009 from scenario 002;
2. the camt.050 from scenario050. ~~(although the query is at 15:00 CET, the current balance shows as 14:15 CET, which is the time that it was altered to its current value).~~
3. ~~The sum of credits and sum of debits show as EUR 100,000 and EUR 0 respectively.~~

The BAH business identification of the camt.003 query is included for recognition.

Change at new table, and the text immediately preceding it

Message item	Utilisation
Message Identification /Document/RtrAcct/MsgHdr/MsgId	NONREF
Original Business Query /Document/RtrAcct/MsgHdr/OrgnlBizQry	Inc003b100-BAHId
Account Identification /Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	MDEEURSOLADESTXXXXSOLADESTXXX
<u>Account Type</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/ <u>Cd</u>	<u>CACC</u>
Currency /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Currency	EUR
<u>Account Owner Name</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/ <u>Nm</u>	<u>Landesbank-Baden-Wuerttemberg, Stuttgart</u>

Account Owner BIC <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/O wnr/Id/OrgId/AnyBIC</u>	SOLADESTXXX
Multilateral Balance	
Amount <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Amt</u>	0.00
Credit Debit Indicator <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/CdtDbtInd</u>	CRDT
Multilateral Balance Code <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd</u>	OPNG
Status <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Sts</u>	STLD
Value Date Date <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/Dt</u>	2019-10-08
Processing Date Date Time <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ProcDt/DtTm</u>	2019-10-08T07:00:00.001+00:00
Multilateral Balance	
Amount <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Amt</u>	100000.00
Credit Debit Indicator <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/CdtDbtInd</u>	CRDT
Multilateral Balance Code	CRRT

/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	
Status /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts	STLD
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
Processing Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/DtTm	2019-10-08T14:19:00.001+00:00
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/Cd	CRDT
Status /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts	STLD
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M	0.00

<u>ulBal/Amt</u>	
Credit Debit Indicator <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	CRDT
Multilateral Balance Code <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	DBIT
Status <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	STLD
Value Date Date <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	2019-10-08
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>100000.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>AVBL</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u>	<u>2019-10-08</u>

<u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	<u>DLOD</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u>	<u>DLOD</u>

<u>ulBal/Tp/Cd</u>	
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>NOTE</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	

<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>DBIT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>NOTE</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>100000.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>XPCD</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u>	<u>PDNG</u>

<u>ulBal/Sts</u>	
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
Multilateral Balance	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>100000.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>LTSE</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
Multilateral Balance	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>

<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>DBIT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>LTSF</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>LTSF</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u>	<u>2019-10-08</u>

<u>ulBal/ValDt/Dt</u>	
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>DBIT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>LTSF</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>

<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>PYMT</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>DBIT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>PYMT</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u>	<u>2019-10-08</u>

<u>ulBal/PrcgDt/Dt</u>	
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>PYMT</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>DBIT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>PYMT</u>

<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>

New example – text and table

Usage case: Return Account (Scenario 104)

In this example, CLM is responding to the business sender (CB) with the minimum reserve fulfilment information requested in the camt.003 message.

Message item	Utilisation
Message Identification <u>/Document/RtrAcct/MsgHdr/MsgId</u>	NONREF
Request Type <u>/Document/RtrAcct/MsgHdr/ReqTp/Prtry/Id</u>	MRFQ
Original Business Query <u>/Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId</u>	Inc003b104-BAHId
Account Report	
Account Identification <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id</u>	Leader Minimum Reserve Amounts
Currency <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Ccy</u>	EUR
Account Servicer <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Svcr/FinInstnId/BICFI</u>	COBADEFFXXX

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/Cd	BLCK
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	2000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	ADJT
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	100500.00

Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	PRAV
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	20000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	EXRE
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	5000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT

Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	EXRR
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
Account Report	
Account Identification /Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	MDEEURCOBADEFFXXXCOBADEFFXXX
Account Type /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp/Cd	CACC
Currency /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Ccy	EUR
Account Owner /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Id/OrgId/AnyBIC	COBADEFFXXX
Account Servicer /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Servicer/FinInstnId/BICFI	COBADEFFXXX
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	145000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT

Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	CLSG
Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/Dt	2019-10-08

Table 5 - ReturnAccount (camt.004) – usage case **Request for minimum reserve fulfilment information by a CB, with data response**

Usage case example: camt.004_CLM_ReturnAccount_bs104.xml

New example – text and table

Usage case: Return Account (Scenario 105)

In this example, CLM is responding to the business sender with the minimum reserve fulfilment information for the account requested in the camt.003 message.

Message item	Utilisation
Message Identification /Document/RtrAcct/MsgHdr/MsgId	NONREF
Request Type /Document/RtrAcct/MsgHdr/ReqTp/Prtry/Id	MRFQ
Original Business Query /Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId	Inc003b105-BAHId
Account Report	
Account Identification /Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	MDEEURSOLADESTXXXXSOLADESTXXX
Account Type /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp/Cd	CACC
Currency /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Ccy	EUR
Account Owner /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Id/OrgId/AnyBIC	SOLADESTXXX
Multilateral Balance	
Amount /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	150000.00
Credit Debit Indicator /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	CRDT
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	CLSG

Value Date Date /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	2019-10-08
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Table 6 - ReturnAccount (camt.004) – usage case Request for minimum reserve fulfilment information by a non-lead participant, with data response

Usage case example: camt.004_CLM_ReturnAccount_bs105.xml

CLM UDFS-chapter 13.3.5 camt.998 GetValueOfReserveMinimumReserve – The message in business context, page 468ff.

Complete chapter was deleted by SDD-CN21

CLM UDFS-chapter 13.3.6 camt.998 ReturnValueOfReserveMinimumReserve – The message in business context, page 471ff.

Complete chapter was deleted by SDD-CN21

RTGS UDFS-chapter 11.5 Business scenarios, page 397ff.

This chapter provides [...]. and system of real BICs [...][...]. scenarios [...].

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

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

All single changes from FakeBICs to RealBICs are documented at Excelsheet

New table – Table of BICs and account identifiers

Description of usage	Party BIC	Account BIC	Account identifier
System	TRGTEXPMRTG		
Party (CB)	MARKDEFFXXX		
RTGS CB account	MARKDEFFXXX	MARKDEFFXXX	MDEEURMARKDEFFXXXMARKDEFFXXX
AS guarantee fund (held by CB in this case)	MARKDEFFXXX	MARKDEF1200	GDEEURMARKDEFFXXXMARKDEF1200

Party (payment bank #1)	COBADEFFXXX		
RTGS DCA	COBADEFFXXX	COBADEFFXXX	RDEEURCOBADEFFXXXCOBADEFFXXX
RTGS Subaccount (linked to above DCA)	COBADEFFXXX	n/a	UDEEURCOBADEFFXXX16COBADEFFXXX0001
RTGS DCA	COBADEFFXXX	COBADEBB120	RDEEURCOBADEFFXXXCOBADEBB120
RTGS Subaccount (linked to above DCA)	COBADEFFXXX	n/a	UDEEURCOBADEFFXXX16COBADEBB1200001
Party (Indirect participant)	COBADEFF075		
Party (payment bank #2)	UBSWCHZHXXX		
RTGS DCA	UBSWCHZHXXX	UBSWCHZHXXX	RDEEURUBSWCHZHXXXUBSWCHZHXXX
RTGS DCA	UBSWCHZHXXX	UBSWCHZH80A	RDEEURUBSWCHZHXXXUBSWCHZH80A
RTGS Subaccount (linked to above DCA)	UBSWCHZHXXX	n/a	UDEEURUBSWCHZHXXX16UBSWCHZH80A0001
Party (payment bank #3)	SOLADESTXXX		
RTGS DCA	SOLADESTXXX	SOLADEST600	RDEEURSOLADESTXXXSOLADEST600
RTGS Subaccount (linked to above DCA)	SOLADESTXXX	n/a	UDEEURSOLADESTXXX16SOLADEST6000001
RTGS DCA	SOLADESTXXX	SOLADEST861	RDEEURSOLADESTXXXSOLADEST861

Externally held account	n/a	INGBDEFFXXX	
Party (payment bank #4)	SOGEFRPPHCM		
RTGS DCA	SOGEFRPPHCM	SOGEFRPPHCM	RDEEURSOGEFRPPHCM
Party (payment bank #5)	SYBKDEFFHAM		
Party (Indirect participant)	SYBKDEK22CPH		
Party (ancillary system)	MARKDEFFCLC		
AS technical account	MARKDEFFCLC	MARKDEFFCLC	TDEEURMARKDEFFCLC
Other mandatory message usages, but not used by RTGS			
Ultimate Debtor	BSCHARBASSS		
Debtor	BSCHARBAXXX		
Debtor Agent	BSCHEMMXXX		
Ultimate Creditor	INGBBRSPATA		
Creditor	INGBBRSPXXX		
Creditor Agent	INGBDEFFXXX		

table XXX – New and changed business scenarios – different changes

Business scenario	Overview	Message examples
<p>Scenario 023 – RTGS pacs.004 successful return</p>	<p>A pacs.008 payment message is fully processed and settled. The inbound pacs.008 is forwarded to the next business receiver in the payment chain as an outbound pacs.008 and a pacs.002 status report is sent to the sender of the pacs.008.</p> <p>The day after settlement has occurred, a revocation (cancellation/refund) chain is started using an inbound camt.056 message which is passed through to the next party in the payment chain as an outbound camt.056. Simultaneously, a camt.029 is sent to the sender of the camt.056 to</p>	<p>Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs023.xml</p> <p>Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs023.xml</p> <p>pacs.002_RTGS_FIPaymentStatusReport_ACSC-payment_bs023.xml</p> <p>Inbound_camt.056_RTGS_PaymentCancellationRequest_bs023.xml</p> <p>Outbound_camt.056_RTGS_PaymentCancellationRequest_bs023.xml</p> <p>Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Forwarded_bs023.xml</p> <p>Inbound_pacs.004_RTGS_PaymentReturnOrder_bs023.xml</p> <p>Outbound_pacs.004_RTGS_PaymentReturn_bs023.xml</p> <p>pacs.002_RTGS_FIPaymentStatusReport_ACSC-return_bs023.xml</p>

	<p>advise that the camt.056 has been forwarded.</p> <p>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.</p>	
<p>Scenario 075 – RTGS pacs.008 settlement including indirect participants</p>	<p>Pacs.008 payment message is fully processed and settled. The inbound pacs.008 is then forwarded as an outbound pacs.008 to the next business receiver in the payment chain. The business sender has not subscribed to receive pacs.002 for successful settlement, so no pacs.002 is</p>	<p>Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs075.xml</p> <p>Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs075.xml</p>

	produced. The pacs.008 is forwarded to the next business receiver in the payment chain. In this scenario, the payment relates to indirect participants.	
Scenario 076 – RTGS pacs.009 settlement including indirect participants	Pacs.009 payment message is fully processed and settled. The inbound pacs.009 is then forwarded as an outbound pacs.009 to the next business receiver in the payment chain. The business sender has not subscribed to receive pacs.002 for successful settlement, so no pacs.002 is produced. In this scenario, the payment relates to indirect participants.	Inbound_pacs.009_RTGS_FICreditTransferOrder_bs076.xml Outbound_pacs.009_RTGS_FICreditTransfer_bs076.xml
Scenario 081 – RTGS payment	a pacs.009 payment order message was validated by	Inbound_pacs.009_RTGS_FICreditTransferOrder_bs081.xml (not available) admi.004_RTGS_SystemEventNotification_RJCT_bs081.xml

validity timeout	<p>RTGS and queued for execution within the validity period given on the payment order. By the end of the validity period, the payment order had not achieved settlement so RTGS rejected it and used an admi.004 system event notification message to notify the sender of the pacs.009 about the rejection.</p> <p>Note: to avoid an excess number of example payment messages, the pacs.009 is not available, but is assumed to be of a basic data population with a validity period and appropriate references for this scenario.</p>	
Scenario 082 – RTGS operations	During the processing day, a problem occurred whereby an	admi.004_RTGS_SystemEventNotification_FREE_bs082.xml

related	RTGS Party had to be temporarily excluded while the problem was resolved. The Operator used RTGS to send an admi.004 system event notification message to notify relevant parties of the exclusion.	
Scenario08 3 – RTGS threshold breaches	<p>During the processing day, settlement of payment orders and liquidity transfers alters some account balances in a way which takes them either over the ceiling threshold for the account, or under the floor threshold. RTGS tracks such threshold breaches and sends notifications to the account holders when it occurs.</p> <p>In this business scenario, RTGS has detected 2 such breaches during business scenarios bs021 and bs022.</p>	camt.004_RTGS_ReturnAccount_FLOR_bs083.xml camt.004_RTGS_ReturnAccount_CEIL_bs083.xml
Scenario 502 – procedure A settlement bank	<p>[...]. ASTI has been revoked.</p> <p>owing to disagreement</p>	[...]

disagreement		
Scenario 503 – procedure A settlement failure	[...] has been revoked. by the CB.	
Scenario 544 – procedure C partial settlement	[...]	[...] camt.053_RTGS_BankToCustomerStatement_bs998.xml
Scenario 561 – procedure D successful settlement with liquidity adjustment	[...]	[...] Outbound_camt.021_AS-D_ReturnGeneralBusinessInformation_OVN-PROC-OPEN_bs561.xml
Scenario 998 – RTGS camt.053 customer statement	[...]	[...] Inbound_pain.998_AS-C_ASTI_bs544.xml

RTGS UDFS-chapter 12.2.1.1 camt.003 – Overview and scope of the message, page 428f.

[..]

The account balance query is used to request RTGS cash account balances related to: ~~It is used to request RTGS cash account balances related to:~~

[..]

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

- RTGS cash account number;

| RTGS cash account owner BIC
[..]

RTGS UDFS-chapter 12.2.1.3 camt.003 – The message in business context, page 430

Change at table XXX – page 430

Message item	Utilisation
[...]	
Account Identification /Document/GetAcct/AcctQryDef/AcctCrit/NewCrit/SchCr it/AcctId/EQ/Othr/Id	<u>Account number of RTGS cash account.</u> RTGS cash account

RTGS UDFS-chapter 12.2.2.1 camt.004 – Overview and scope of the message, page 430

[..]

The ~~ReturnAccount~~ message is sent by RTGS either in response to a [GetAccount \(camt.003\)](#) [~~Error! Bookmark not defined.~~] message or as a push notification.

As a response to a ~~GetAccount~~ message, it is used to provide the requested balance information according to the specified search criteria.

As a push notification it is used to provide balance information related to the triggering business function.

The ~~ReturnAccount~~ message is also sent by RTGS to an ancillary system in push mode.

RTGS Push notification-Use:

The ~~ReturnAccount~~ message is sent by RTGS as a push notification. This message has the following push notification uses within RTGS:

1) "Floor/ceiling notification" to provide balance information related to the triggering floor/ceiling business function to the account owner.

2) "Sub-account balances notification" to provide balance information to the Ancillary system related to sub-accounts:

- | relevant for execution of standing order liquidity transfer order for AS settlement procedure C (start of procedure);
- | relevant for start of cycle for AS settlement procedure C;
- | relevant for execution of immediate liquidity transfers crediting or debiting a sub-account for AS settlement procedures C;
- | relevant for end of procedure for AS settlement procedure C.

3) "Originator AS transfer settlement notification" to provide balance information to the Ancillary system related to sub-accounts or AS technical accounts for execution of Cross-AS transfer order submitted by the CB on behalf of the Ancillary system for AS settlement procedures C and D.

RTGS Query response-Use:

The ReturnAccount message is sent by RTGS in response to a GetAccount (camt.003) message. This message has the following query response uses within RTGS:

1) "Query response for RTGS cash account balance query" to provide the requested balance information according to the specified search criteria or data scope.

2) "Query rejection for failed business validation" in case of business validation error(s) on the GetAccount query. RTGS sends the ReturnAccount message containing the respective error code(s) and error description(s) to the business receiver.

RTGS UDFS-chapter 12.2.2.3 camt.004 – The message in business context, page –434f.

New table – scenario 083 – Return Account FLOR
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Usage case: Return Account FLOR (Scenario 83)

In this example, RTGS is notifying the receiver that the successful settlement of a payment order (in this case, E2E-Id: Inp008b021-E2Eid from bs021 on 8th October, 2019) has caused the debited account (AcctId: RDEEURUBSWCHZHXXXUBSWCHZHXXX) to breach its pre-defined floor limit.

The balances provided are: the pre-defined floor limit and the current balance current balance immediately following the settlement.

<u>Message item</u>	<u>Utilisation</u>
<u>Message Identification</u> <u>/Document/RtrAcct/MsgHdr/MsgId</u>	<u>NONREF</u>
<u>Original Business Query</u> <u>/Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId</u>	<u>NONREF</u>
<u>Account Identification</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id</u>	<u>RDEEURUBSWCHZHXXXUBSWCHZHXXX</u>
<u>Currency</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Cc</u> <u>cy</u>	<u>EUR</u>
<u>Owner</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/O</u> <u>wnr/Id/OrgId/AnyBIC</u>	<u>UBSWCHZHXXX</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>100000.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>FLOR</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>87250.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u>	<u>CRDT</u>

<u>ulBal/CdtDbtInd</u>	
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>CRRT</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>

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

Usage case example: camt.004 RTGS ReturnAccount FLOR bs083.xml

Usage case: Return Account CEIL (Scenario 83)

In this example, RTGS is notifying the receiver that the successful settlement of a payment order (in this case, E2E-Id: Inp008b022-E2Eid from bs022 on 7th October, 2019) has caused the credited account (Acct Id: RDEEURCOBADEFFXXXCOBADEBB120) to breach its pre-defined ceiling limit.

The balances provided are: the pre-defined ceiling limit and the current balance immediately following the settlement.

<u>Message item</u>	<u>Utilisation</u>
<u>Message Identification</u> <u>/Document/RtrAcct/MsgHdr/MsgId</u>	<u>NONREF</u>
<u>Original Business Query</u> <u>/Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId</u>	<u>NONREF</u>
<u>Account Identification</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id</u>	<u>RDEEURCOBADEFFXXXCOBADEBB120</u>
<u>Currency</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Cc</u> <u>cy</u>	<u>EUR</u>
<u>Owner</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/O</u> <u>wnr/Id/OrgId/AnyBIC</u>	<u>COBADEFFXXX</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>500000.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>CEIL</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>503250.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u>	<u>CRDT</u>

<u>ulBal/CdtDbtInd</u>	
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>CRRT</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-07</u>

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

Usage case example: camt.004_RTGS_ReturnAccount_CEIL_bs083.xml

Change at table XXX

Message item	Utilisation
Message Header	
Message Identification <u>/Document/RtrAcct/MsgHdr/MsgId</u>	<p><u>RTGS-Use:</u></p> <p><u>Value "NONREF" as the message ID is already part of the BAH.</u></p> <p><u>AS-Use:</u></p> <p><u>RTGS Push notification-Use:</u></p> <p>1) <u>"Floor/ceiling notification": Value "NONREF" as the Message Id is already part of the BAH.</u></p> <p>2) <u>"Sub-account balances notification" +</u></p> <p>3) <u>"Originator AS transfer settlement notification":</u></p> <p>When the reference is assigned by the ancillary system to identify the message, the format is composed of six characters followed by the RTGS business case identification. The triggering event of the ReturnAccount is precised by the first six characters.</p> <p>The following codes are relevant for <u>"Sub-account balances notification"</u> only:</p>

	<ul style="list-style-type: none"> DAYSOP = Start of optional procedure (execution of standing order liquidity transfers) DAYSOC = Start of cycle in optional procedure OVNEOP = Return liquidity from sub-accounts at end of mandatory procedure DAYEOP = Return liquidity from sub-accounts at end of optional procedure OVNSOP = Start of mandatory procedure (execution of standing order liquidity transfers) SBKLCT = Immediate liquidity credit transfer initiated by settlement bank OVNSOC = Start of cycle in mandatory procedure <p>The following code is relevant for AS settlement procedure C and D:</p> <ul style="list-style-type: none"> CBKCDS = Cross-AS settlement by CB on behalf <p><u>RTGS Query response-Use:</u></p> <p><u>Value "NONREF" as the Message Id is already part of the BAH.</u></p>
Original Business Query /Document/RtrAcct/MsgHdr/OrgnlBizQry/MsgId	<p>Unique identification of the original query message.</p> <p><u>RTGS Push notification-Use:</u></p> <p><u>Value "NONREF".</u></p> <p><u>RTGS Query response-Use:</u></p> <p><u>Copy of BAH BizMsgIdr of GetAccount message.</u></p>
<p>Account Report</p> <p>AS-Use: As payment banks may have multiple sub-accounts, account report is repeatable.</p> <p><u>RTGS Push notification-Use:</u></p> <p><u>1) "Floor/ceiling notification": Always one occurrence of <AcctRpt> message block is provided.</u></p> <p><u>2) "Sub-account balances notification": Always one occurrence of <AcctRpt> message block is provided if triggering event code in <MsgId> is "SBKLCT". One or multiple occurrences of <AcctRpt> message block are provided for other triggering event codes.</u></p>	

3) "Originator AS transfer settlement notification": Always one occurrence of <AcctRpt> message block is provided.

RTGS Query response-Use:

One or multiple occurrences of <AcctRpt> message block are provided according to datascope and specified search criteria in the query.

<p>Account Identification</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id</p>	<p>Identification assigned by an institution.</p> <p><u>RTGS Push notification-Use:</u></p> <p>1) "Floor/ceiling notification": RTGS cash account number.</p> <p>2) "Sub-account balances notification": Account number of RTGS sub-account.</p> <p>3) "Originator AS transfer settlement notification": Account number of debited RTGS sub-account or AS technical account.</p> <p><u>RTGS Query response-Use:</u></p> <p>Cash account number of reported RTGS cash account.</p>
<p>Account Type Code</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/Cd</p>	<p>Only SACC is used (settlement account)</p> <p><u>RTGS Push notification-Use:</u></p> <p>1) "Floor/ceiling notification": Not used.</p> <p>2) "Sub-account balances notification": always SACC - RTGS sub-account</p> <p>3) "Originator AS transfer settlement notification":</p> <ul style="list-style-type: none"> ! If sub-account is debited: SACC - RTGS sub-account ! If AS technical account is debited: Not used. <p><u>RTGS Query response-Use:</u></p> <p>Always SACC - RTGS cash account</p>
<p>Currency</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Currency</p>	<p>Specifies the currency of the account</p> <p><u>RTGS Push notification-Use:</u></p> <p>Specifies the currency of the cash account.</p> <p><u>RTGS Query response-Use:</u></p> <p>Specifies the currency of the cash account.</p>

<u>Owner Name</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Nm</u>	<u>RTGS Push notification-Use:</u> Not used. <u>RTGS Query response-Use:</u> <u>Name of party owning the reported RTGS cash account.</u>
<u>Owner_BIC</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Owner/Id/OrgId/AnyBIC</u>	<u>Business identification code of the account owner.</u> <u>RTGS Push notification-Use:</u> <u>1) "Floor/ceiling notification": Party BIC of RTGS cash account Owner.</u> <u>2) "Sub-account balances notification": Party BIC of sub-account Owner.</u> <u>3) "Originator AS transfer settlement notification": Party BIC of debited sub-account Owner or AS technical account Owner.</u> <u>RTGS Query response-Use:</u> <u>Party BIC of RTGS cash account Owner.</u>
Multilateral Balance <u>RTGS Push notification-Use:</u> <u>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.</u> <u>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". Otherwise multiple occurrences of <MulBal> message block are provided according to possible balance types to be reported for each <AcctRpt> occurrence.</u> <u>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.</u> <u>RTGS Query response-Use:</u> <u>Multiple occurrences of <MulBal> message block according to possible balance types per status and per credit/debit indication for each <AcctRpt> occurrence.</u>	
[..]	
Credit Debit Indicator	<u>RTGS Push notification-Use:</u>

<p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</p>	<p>1) "Floor/ceiling notification": Always CRDT (credit balance).</p> <p>2) "Sub-account balances notification" +</p> <p>3) "Originator AS transfer settlement notification":</p> <p><u>Balance type code PYMT: Indicates whether the amount increases (CRDT), or decreases (DBIT) the cash account.</u></p> <p><u>Balance type code BOOK: Indicates whether the balance is a credit or a debit balance. A zero balance is either reported with a credit indicator or not reported at all (for triggering event codes in <MsgId>: "DAYSOP", "OVNSOP", "DAYSOC" or "OVNSOC").</u></p> <p><u>RTGS Query response-Use:</u></p> <p><u>Balance type codes OPNG, CRRT, XPCD: Indicates whether the balance is a credit or a debit balance. A zero balance is reported with a credit indicator.</u></p> <p><u>One <MulBal> occurrence per balance type code with either "DBIT" or "CRDT".</u></p> <p><u>Balance type codes NOTE, LTSF, PYMT: Indicates whether the amount increases (CRDT) or decreases (DBIT) the cash account. A zero amount is considered to be a credit operation.</u></p> <p><u>One <MulBal> occurrence per status for sum of "CRDT" and one <MulBal> occurrence per status for sum of "DBIT".</u></p> <p><u>RTGS-Use: In the case of BalanceTypeCode NOTE it defines whether it is a earmarked payment for debits or credits.</u></p> <p><u>AS-Use:</u></p> <ul style="list-style-type: none"> <u>I CRDT = Operation is an increase:</u> <u>I DBIT = Operation is a decrease:</u> <u>I AS settlement procedure C: Indicates whether the amount increases (CRDT), or decreases (DBIT) the sub-account.</u> <u>I AS settlement procedure D: Indicates whether the</u>
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	<p><u>balance is a debit or a credit balance.</u></p> <p><u>A zero amount is considered to be a credit operation.</u></p>
<p>Multilateral Balance Code</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</p>	<p><u>RTGS Push notification-Use:</u></p> <p>1) <u>"Floor/ceiling notification": CRRT - Current balance (status STLD).</u></p> <p>2) <u>"Sub-account balances notification" +</u></p> <p>3) <u>"Originator AS transfer settlement notification":</u></p> <p><u>BOOK - New balance (status not provided)</u></p> <p><u>PYMT - Increased or decreased amount (status not provided)</u></p> <p><u>BOOK is provided for triggering event codes in <MsgId>: "DAYSOP", "OVNSOP", "DAYSOC" or "OVNSOC".</u></p> <p><u>PYMT is provided for triggering event codes in <MsgId>: "DAYEOP" and "OVNEOP".</u></p> <p><u>BOOK and PYMT are provided together for triggering event codes in <MsgId>: "SBKLCT" and "CBKCDS".</u></p> <p><u>RTGS Query response-Use:</u></p> <p><u>OPNG - Opening balance (status STLD)</u></p> <p><u>NOTE - Earmarked cash transfers (status PDNG)</u></p> <p><u>CRRT - Current balance (status STLD)</u></p> <p><u>LTSF - Liquidity Transfer (status STLD or PDNG)</u></p> <p><u>XPCD - Projected liquidity (status PDNG)</u></p> <p><u>PYMT - Payments + AS transfers (status STLD or PDNG)</u></p> <p><u>RTGS-Use:</u></p> <ul style="list-style-type: none"> <u>OPNG = Opening balance (only STLD status is possible)</u> <u>NOTE = Timed payments and AS transfers (earmarked)</u> <u>CRDT = Sum of credits (payment and AS transfer)</u> <u>CRRT = Current balance (only STLD status is possible)</u>

	<p><u>DBIT = Sum of debits (payment and AS transfer)</u></p> <p><u>LTSE = Liquidity transfer</u></p> <p><u>XPCD = Projected liquidity (only PDNG status is possible)</u></p> <p><u>AS-Use:</u></p> <p><u>BOOK = New balance</u></p> <p><u>PYMT = Increased or decreased amount</u></p>
<p>Multilateral Balance Proprietary</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Prtry</p>	<p><u>RTGS Push notification-Use:</u></p> <p>1) "Floor/ceiling notification": FLOR - floor notification trigger amount (status not provided) CEIL - ceiling notification trigger amount (status not provided).</p> <p>2) "Sub-account balances notification" +</p> <p>3) "Originator AS transfer settlement notification": Not used.</p> <p><u>RTGS Query response-Use:</u></p> <p>Not used.</p> <p><u>Specifies the nature of a balance, in a proprietary form.</u></p> <p><u>FLOR = Floor</u></p> <p><u>CEIL = Ceiling</u></p>
<p>Status</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</p>	<p><u>RTGS Push notification-Use:</u></p> <p>1) "Floor/ceiling notification": Status is partially provided.</p> <p>2) "Sub-account balances notification" +</p> <p>3) "Originator AS transfer settlement notification": Status is not provided.</p> <p><u>RTGS Query response-Use:</u></p> <p>Status is always provided.</p> <p><u>RTGS-Use:</u></p> <p><u>PNDG = Pending</u></p> <p><u>STLD = Settled</u></p> <p><u>AS-Use: not used</u></p>
Value Date Date	<u>RTGS Push notification-Use:</u>

<p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</p>	<p>1) "Floor/ceiling notification": Date expressed in business day for Balance Type CRRT only. Always current business day.</p> <p>2) "Sub-account balances notification" +</p> <p>3) "Originator AS transfer settlement notification": Not used.</p> <p><u>RTGS Query response-Use:</u></p> <p>Date expressed in business day. Always current business day.</p> <p>RTGS-Use: Business day</p>
<p>Value Date Date Time</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/DtTm</p>	<p>AS-Use: Booking date and time</p> <p><u>RTGS Push notification-Use:</u></p> <p>1) "Floor/ceiling notification": Not used.</p> <p>2) "Sub-account balances notification" +</p> <p>3) "Originator AS transfer settlement notification": System date and time in UTC when <MulBal> block was created.</p> <p>The date and time must be considered separately because :</p> <p>Date = Business date</p> <p>Time = System time</p> <p><u>RTGS Query response-Use:</u></p> <p>Not used.</p>
<p>Processing Date Date Time</p> <p>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</p>	<p>RTGS-Use: Settlement time expressed in calendar day</p> <p><u>RTGS Push notification-Use:</u></p> <p>Not used.</p> <p><u>RTGS Query response-Use:</u></p> <p>Current system date expressed in calendar day (UTC). Provided for balance type codes CRRT, XPCD, NOTE, LTSE and PYMT.</p>
Operational Error	

Error /Document/RtrAcct/RptOrErr/OprlErr/Err/Prtry	<u>RTGS Query response-Use:</u> [..]
Description /Document/RtrAcct/RptOrErr/OprlErr/Desc	<u>RTGS Query response-Use:</u> [..]

Change at table XXX

[...]

The opening balance (as at start of business day) shows as EUR 0.

The current balance shows as EUR 123,500 credit, which reflects the effect of two settlements:

the pacs.008 from scenario 021.

the camt.050 from scenario 041 (although the query is at 15:00, the current balance shows as 11:18, which is the time that it was altered to its current value).

The sum of credits and sum of debits show as EUR 123,500 and EUR 0 respectively.[...]

Message item	Utilisation
[...]	
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp /Cd	<u>SACC</u>
Processing Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/PrcgDt/DtTm	2019-10-08T07:00:00.001+00:00
Multilateral Balance	
[...]	
Processing Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/PrcgDt/DtTm	2019-10-08T11:18:02.001+00:00
[...]	
Multilateral Balance	
[...]	
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	CRDT <u>XPCT</u>
Status /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Sts	STLD <u>PDNG</u>
[...]	
Multilateral Balance	
[...]	
Multilateral Balance Code	DBIT <u>NOTE</u>

/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	
Status /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts	<u>STLDPDNG</u>
<u>Processing Date Date</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt	<u>2019-10-08</u>
[...]	
<u>Multilateral Balance</u>	
<u>Amount</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt	<u>0.00</u>
<u>Credit Debit Indicator</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd	<u>DBIT</u>
<u>Multilateral Balance Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd	<u>NOTE</u>
<u>Status</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts	<u>PDNG</u>
<u>Value Date Date</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt	<u>2019-10-08</u>
<u>Processing Date Date</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u>	<u>100000.00</u>

<u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	<u>LTSF</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	<u>DBIT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	<u>LTSF</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>STLD</u>

<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>LTsf</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u>	<u>DBIT</u>

<u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	<u>LTSE</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	<u>23500.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	<u>PYMT</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>STLD</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	<u>2019-10-08</u>

Processing Date Date <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	2019-10-08
<u>Multilateral Balance</u>	
Amount <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	0.00
Credit Debit Indicator <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	DBIT
Multilateral Balance Code <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	PYMT
Status <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	STLD
Value Date Date <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	2019-10-08
Processing Date Date <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	2019-10-08
<u>Multilateral Balance</u>	
Amount <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	0.00
Credit Debit Indicator <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	CRDT
Multilateral Balance Code	PYMT

<u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>
<u>Multilateral Balance</u>	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Amt</u>	<u>0.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/CdtDbtInd</u>	<u>DBIT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Cd</u>	<u>PYMT</u>
<u>Status</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Sts</u>	<u>PDNG</u>
<u>Value Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/ValDt/Dt</u>	<u>2019-10-08</u>
<u>Processing Date Date</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/PrcgDt/Dt</u>	<u>2019-10-08</u>

Change at table XXX

Message item	Utilisation
[...]	
Account Report	
<u>Account Type Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp/Cd</u>	<u>SACC</u>
Account Report	
[...]	
<u>Account Type Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp/Cd</u>	<u>SACC</u>
[...]	

Change at table XXX

Message item	Utilisation
[...]	
Account Report	
<u>Account Type Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp</u> <u>/Cd</u>	<u>SACC</u>
Multilateral Balance	
<u>Amount</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Amt</u>	<u>6000.00</u>
<u>Credit Debit Indicator</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/CdtDbtInd</u>	<u>CRDT</u>
<u>Multilateral Balance Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/Tp/Cd</u>	<u>PYMT</u>
<u>Value Date Date Time</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M</u> <u>ulBal/ValDt/DtTm</u>	<u>2020-02-07T14:15:01.001+00:00</u>

Change at table XXX

Message item	Utilisation
[...]	
Account Report	
<u>Account Type Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/</u> <u>p/Cd</u>	<u>SACC</u>
[...]	
Account Report	
<u>Account Type Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/</u> <u>p/Cd</u>	<u>SACC</u>
[...]	
Account Report	
<u>Account Type Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/</u> <u>p/Cd</u>	<u>SACC</u>
[...]	

Change at table XXX

Message item	Utilisation
[...]	
Account Report	
<u>Account Type Code</u> <u>/Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/</u> <u>Tp/Cd</u>	<u>SACC</u>
[...]	

Multilateral Balance	
[...]	
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	BOOKPYMT
[...]	
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp /Cd	<u>SACC</u>
[...]	
Multilateral Balance	
[...]	
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	BOOKPYMT
[...]	
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp /Cd	<u>SACC</u>
[...]	
Multilateral Balance	
[...]	
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	BOOKPYMT

Change at table XXX

Message item	Utilisation
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp /Cd	<u>SACC</u>
[...]	
Multilateral Balance	
[...]	
Value Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/DtTm	2020-02-08T14:00:01.001+00:00
[...]	
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp /Cd	<u>SACC</u>
[...]	
Multilateral Balance	
[...]	
Value Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/DtTm	2020-02-08T14:00:01.001+00:00
[...]	

Change at table XXX

Message item	Utilisation
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Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/Cd	<u>SACC</u>
[...]	
Multilateral Balance	
[...]	
Value Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultilateralBalance/ValueDate/DateTime	2020-02-08T14:00:01.001+00:00
Account Report	
[...]	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/Cd	<u>SACC</u>
[...]	
Multilateral Balance	
[...]	
Value Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MultilateralBalance/ValueDate/DateTime	2020-02-08T14:00:01.001+00:00
Change at table XXX	

Message item	Utilisation
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Type/Cd	<u>SACC</u>

[...]	
Multilateral Balance	
[...]	
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	<u>BOOKPYMT</u>
Value Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/DtTm	2020-02-08 7 T15:00:01.001+00:00
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp /Cd	<u>SACC</u>
[...]	
Multilateral Balance	
[...]	
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	<u>BOOKPYMT</u>
Value Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/DtTm	2020-02-08 7 T15:00:01.001+00:00
Account Report	
<u>Account Type Code</u> /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Tp /Cd	<u>SACC</u>
[...]	
Multilateral Balance	

[...]	
Multilateral Balance Code /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/Tp/Cd	<u>BOOKPYMT</u>
Value Date Date Time /Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/M ulBal/ValDt/DtTm	2020-02-08 7 T15:00:01.001+00:00
[...]	

ECONSII UDFS-chapter 3.3.2.1.1 GetAccount (camt.003) page 90

“Hyperlink to MyStandards UGs for ECONSII to be updated.”

ECONSII UDFS-chapter 3.3.2.1.2 ReturnAccount (camt.004) page 91

Specific message content

MESSAGE ITEM	UTILISATION
[...]	[...]
Value Date Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Mu IBal/ValDt/Dt	Business day
Processing Date Time Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/Mu IBal/PrcgDt/DtTm	Settlement time expressed in e Calendar day date.

“Hyperlink to MyStandards UGs for ECONSII to be updated.”

12 EUROSISTEM UPDATE [SDD-CN-PBR-026, JIRA359]: page 23 (ECONS II UDFS-chapter 1.4.1. Liquidity Transfer), page 24 (ECONS II UDFS-chapter 1.4.2. Payment Order Transaction), page 32 (ECONS II UDFS-chapter 1.5.2.1. Inbound Liquidity Transfer), page 56 (ECONS II UDFS-chapter 2.2.1. Inbound Liquidity Transfer), page 64 (ECONS II UDFS-chapter 2.2.2. Outbound Liquidity Transfer), page 69 (ECONS II UDFS-chapter 2.3.1. Payment Order Transactions), page 98 (ECONS II UDFS-chapter 3.3.2.1.6 Liquidity Credit Transfer (camt.050)), page 113 (ECONS II UDFS-chapter 4.1 Business Rules and Error Codes), Message documentation on MyStandards LiquidityCreditTransfer (camt.050); Usage modification for camt.050

CB sending a camt.050 via A2A for themselves or acting on behalf of a customer, may not know the account number of the creditor counterpart therefore we extended the usage of the camt.050 for payments by allowing also to use the BICs, like performed in ECONS II U2A mode.

ECONS II UDFS-chapter 1.4.1. Liquidity Transfer, page 22

[...]

Table 1 – Liquidity Transfer data

Attribute	Description
Reference	Reference number of the Liquidity Transfer. It represents (i) the reference inserted by the customer if the LT is received via A2A, or (ii) the automatically generated reference created by the system if the LT is submitted via U2A.
Acceptance Timestamp	Timestamp assigned to the Liquidity Transfer when received by ECONS II.
Amount	Amount intended to be transferred.
Currency	The currency relevant for the Liquidity Transfer.
Debiting Account	CB Contingency Account, Payment Bank Contingency Account or Contingency Transit Account to be debited.
<u>Debiting BIC</u>	<u>CB/PB/Transit BIC - only by the CB/CMS via A2A</u>
Debiting Account Status	Blocking status for the contingency account to be debited for Liquidity Transfer. Exhaustive list of possible values: - Blocked; - Unblocked.
Crediting Account	CB Contingency Account, Payment Bank Contingency Account or Contingency Transit Account to be credited.
<u>Crediting BIC</u>	<u>CB/PB/Transit BIC - only by the CB/CMS via A2A</u>
Crediting Account Status	Blocking status for the contingency account to be credited for Liquidity Transfer. Exhaustive list of possible values: - Blocked; - Unblocked.
Status	Status of the Liquidity Transfer. Exhaustive list of possible values: - Received - Settled

	<ul style="list-style-type: none"> - Failed - Waiting approval (for 4-Eyes only) - Revoked (for 4-Eyes only)
Value Date	Liquidity Transfer settlement date in accordance to the related contingency component business date.

[...]

ECONS II UDFS-chapter 1.4.2. Payment Order Transaction, page 23

[...]

Table 2 – Payment Order transaction

Attribute	Description
Reference	Reference number of the Payment Order transaction. It represents (i) the reference inserted by the customer if the Payment Order is received via A2A, or (ii) the automatically generated reference created by the system if the Payment Order is submitted via U2A.
Customer reference	Reference number of the Payment Order transaction, customised via GUI screen by the customer. For Payment Order received via A2A this field contains the same identifier of the Reference field defined above.
Amount	Amount intended to be transferred.
Currency	The currency relevant for the Payment Order Transaction.
Debiting Account	CB/PB Contingency Account to be debited.
<u>Debiting BIC</u>	<u>CB/PB Contingency BIC - only by the CB via A2A</u>
Debiting Account Status	Blocking status for the contingency account to be debited for Payment Order transaction. Exhaustive list of possible values: <ul style="list-style-type: none"> - Blocked; - Unblocked.
Crediting Account	CB/PB Contingency Account to be credited.

<u>Crediting BIC</u>	<u>CB/PB Contingency BIC - only by the CB via A2A</u>
Crediting Account Status	Blocking status for the Contingency Account to be credited for Payment Order transaction. Exhaustive list of possible values: <ul style="list-style-type: none"> - Blocked; - Unblocked.
Status	Status of the Payment Order transaction. Exhaustive list of possible values: <ul style="list-style-type: none"> - Received - Settled - Failed - Waiting for CB approval (for Agree/Disagree only) - Rejected (for Agree/Disagree only) - Waiting for CB unblock (if a blocked account is detected) - Waiting approval (for 4-Eyes only) - Revoked (for 4-Eyes only)
Value Date	Payment Order transaction settlement date in accordance to the related contingency component business date.

[...]

ECONS II UDFS-chapter 1.5.2.1. Inbound Liquidity Transfer, page 31

[...]

If an authorised CB triggers an Internal Inbound Liquidity Transfer order via A2A, both a CB Contingency Account to be debited and Payment Bank Contingency Account to be credited, or the relevant BICs, must be specified in the message and shall exist in ECONS II.

[...]

ECONS II UDFS-chapter 2.2.1. Inbound Liquidity Transfer, page 56

[...]

Table 18 – Inbound Liquidity Transfer Order steps

Step	Involved messages	Involved actors	Description
1	LiquidityCreditTransfer	CB/CMS application as Sender ECONS II as receiver	ECONS II receives an Inbound Liquidity Transfer request from the CB/CMS application. Technical validation, check of mandatory fields, LT Duplicate check and authentication checks have already been successfully executed.
2		ECONS II	<p>ECONS II executes the following checks:</p> <ul style="list-style-type: none"> • ECO0003 (Check on consistency in the currency denomination of the Contingency Accounts); • ECO0004 (Check on settlement date coherence); • ECO0005 (Check on digits after decimal currency); • ECO0006 (Amount greater than zero); • ECO0007 (Duplicate check detection); • ECO0022 (Correct status of the contingency component); • ECO0023 (Check on sender); • ECO0024 (Privilege check); • ECO0025 (Contingency Accounts <u>or BICs</u> existing and active in the contingency component); • ECO0026 (Debited Contingency Account in the correct data scope); <p>From now on:</p> <ul style="list-style-type: none"> • the identified debtor Contingency Account is referred to as "Contingency Account to be debited"; • the creditor Contingency Account indicated in the Liquidity Transfer Order is referred to as "Contingency Account to be credited". <p>See 4.1- Business Rules for details.</p>
...

ECONS II UDFS-chapter 2.2.2. Outbound Liquidity Transfer, page 64

[...]

Table 19 – Outbound Liquidity Transfer Order steps

Step	Involved messages	Involved actors	Description
1	LiquidityCreditTransfer	CB application as sender ECONS II as receiver	ECONS II receives an Outbound Liquidity transfer request from the CB Application. Technical validation, check of mandatory fields, LT Duplicate check and authentication checks have already been successfully executed by ESMIG.
2		ECONS II	<p>ECONS II successfully executes the following checks:</p> <ul style="list-style-type: none"> • ECO0003 (Check on consistency in the currency denomination of the Contingency Accounts); • ECO0004 (Check on settlement date coherence); • ECO0005 (Check on digits after decimal currency); • ECO0006 (Amount greater than zero); • ECO0007 (Duplicate check detection); • ECO0022 (Correct status of the contingency component); • ECO0025 (Contingency Accounts <u>or</u> BICs existing and active in the contingency component); • ECO0026 (Debited Contingency Account in the correct data scope); • ECO0027 (Sufficient liquidity in the debited Contingency Account balance); <p>From now on:</p> <ul style="list-style-type: none"> • the identified Contingency Account is referred to as "Contingency Account to be debited"; • the Creditor Contingency Account indicated in the Liquidity Transfer Order is referred to as "Contingency Account to be credited". <p>See 4.1- Business Rules for details.</p>
...

ECONS II UDFS-chapter 2.3.1. Payment Order Transactions, page 69

[...]

Table 20 – Payment Order Transactions steps

Step	Involved messages	Involved actors	Description
1	LiquidityCreditTransfer	CB application as Sender	<p>ECONS II receives an incoming Payment Order Transaction request from the CB application.</p> <p>Technical validation, check of mandatory fields, LT duplicate check and authentication checks have already been successfully executed.</p>
2		ECONS II	<p>ECONS II successfully executes the following checks:</p> <ul style="list-style-type: none"> • ECO0003 (Check on consistency in the currency denomination of the Contingency Accounts); • ECO0004 (Check on settlement date coherence); • ECO0005 (Check on digits after decimal currency); • ECO0006 (Amount greater than zero); • ECO0007 (Duplicate check detection); • ECO0022 (Correct status of the contingency component); • ECO0025 (Contingency Accounts <u>or</u> BICs existing and active in the contingency component); • ECO0026 (Debited Contingency Account in the correct data scope); • ECO0027 (Sufficient liquidity in the debited Contingency Account balance); <p>From now on, the Creditor Contingency account indicated in the Payment Order Transaction is referred to as "Contingency Account to be credited".</p> <p>See 4.1- Business Rules for details.</p>
...

ECONS II UDFS-chapter 3.3.2.1.6 LiquidityCreditTransfer (camt.050), page 98

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
Liquidity Credit Transfer Document/LqdtYCdTTrf/LqdtYCdTTrf	ECO0007 ECO0022 ECO0023 ECO0024
Amount Document/LqdtYCdTTrf/LqdtYCdTTrf/TrfDAmt/AmtWthCcy	ECO0003 ECO0005 ECO0006 ECO0027
Settlement date Document/LqdtYCdTTrf/LqdtYCdTTrf/SttlmDt	ECO0004
<u>Creditor</u> <u>Document/LqdtYCdTTrf/LqdtYCdTTrf/Cdtr/FinInstnId/BICFI</u>	<u>ECO0025</u>
Creditor Account Identification Document/LqdtYCdTTrf/LqdtYCdTTrf/CdtrAcct/Id/Othr/ID	ECO0025
Debtor Account Identification Document/LqdtYCdTTrf/LqdtYCdTTrf/DbtrAcct/ID/Othr/ID	ECO0025
Debtor Document/LqdtYCdTTrf/LqdtYCdTTrf/Dbtr/FinInstnId/BICFI	<u>ECO0025</u> ECO0026

The message in business context

Usage case: Liquidity Transfer Order

In this usage case, the sender requests a transfer of liquidity between two accounts.

Specific message requirements

MESSAGE ITEM	UTILISATION
Message Identification Document/LqdyCdtTrf/MsgHdr/MsgId	Value "NONREF" as the message ID is already part of the BAH
Instruction Identification Document/LqdyCdtTrf/LqdyCdtTrf/LqdyTrfId/InstrId	If provided, then only the value "NOT PROVIDED" are allowed.
End to End Identification Document/LqdyCdtTrf/LqdyCdtTrf/LqdyTrfId/EndToEndId	Unique identification assigned by the initiating party to unambiguously identify the transaction.
Creditor Document/LqdyCdtTrf/LqdyCdtTrf/Cdtr/FinInstnId/BICFI	If provided must be a BIC. It is ignored by ECONS II. <u>It should be filled in case of "NONREF" for Creditor and Debtor Account Identifications.</u>
Creditor Account Identification Document/LqdyCdtTrf/LqdyCdtTrf/CdtrAcct/ID/Othr/ID	Creditor Account Identification. <u>If "NONREF", then Creditor and Debtor BICs should be used.</u>
Transferred Amount Document/LqdyCdtTrf/LqdyCdtTrf/TrfAmt/AmtWthCcyy	Amount to be transferred
Debtor Document/LqdyCdtTrf/LqdyCdtTrf/Dbtr/FinInstnId/BICFI	If provided must be a BIC. It is ignored by ECONS II. <u>It should be filled in case of "NONREF" for Creditor and Debtor Account Identifications.</u>
Debtor Account Identification Document/LqdyCdtTrf/LqdyCdtTrf/DbtrAcct/ID/Othr/ID	Debtor Account Identification. <u>If "NONREF", then Creditor and Debtor BICs should be used.</u>
Settlement Date Document/LqdyCdtTrf/LqdyCdtTrf/SttlmDt	If used must be the current business date.

Usage case example: camt.050_CLM_LiquidityCreditTransfer_MCA_MCA

In this usage case, the business sender is instructing a movement of EUR 100,000.00 from a Contingency Account into another Contingency Account.

Usage case example: camt.050_ECONSII_payment

In this usage case, the business sender is instructing a payment EUR 10,000.00 from a Contingency Account into another Contingency Account using Debtor/Creditor BICs instead of Account Numbers.

“Hyperlink to MyStandards UGs for ECONSII to be updated.”

ECONS II UDFS-chapter 4.1 Business Rules and Error Codes, page 113

“What should be changed exactly in 4.1 Business Rules and Error Codes for ECO0025.?”

Message documentation on MyStandards LiquidityCreditTransfer (camt.050)

BR ECO0025 added in ECONS II UG annotation in MyStandards for Debtor and Creditor BIC field.

Message examples attached and added in MyStandards.

13 EUROSYSTEM UPDATE [SDD-CN-PBR-028, PBI-212606]: page 155 (CRDM UDFS-chapter 3.1.1.1. ModifyStandingOrder (camt.024)), page 159 (CRDM UDFS-chapter 3.1.1.2. GetStandingOrder (camt.069)), page 161 (CRDM UDFS-chapter 3.1.1.3. ReturnStandingOrder(camt.070)), page 165 (CRDM UDFS-chapter 3.1.1.4. DeleteStandingOrder (camt.071)), page 166 (CRDM UDFS-chapter 3.1.1.5. GetLimit (camt.009)), page 170 (CRDM UDFS-chapter 3.1.1.6. ReturnLimit (camt.010), page 173 (CRDM UDFS-chapter 3.1.1.7. ModifyLimit (camt.011)), page 177 (CRDM UDFS-chapter 3.1.1.8. DeleteLimit (camt.012)), page 313 (CRDM UDFS-chapter 5.1. Business Rules), Message documentation on MyStandards CoCo Limit (camt.009), Message documentation on MyStandards CoCo StandingOrder (camt.069); Camt.009-camt.069_Business Rule

In order to correctly manage queries, a new Business rule should be supported by CRDM for camt.009 and camt.069 to reject T2S Limit Utilisation Query and Total Amount Of Predefined And Standing Liquidity Transfer Order.

CRDM UDFS-chapter 3.1.1.1. ModifyStandingOrder (camt.024), page 155

“Hyperlink to MyStandards UGs for CoCo to be updated (editorial).”

CRDM UDFS-chapter 3.1.1.2. GetStandingOrder (camt.069), page 159

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
Request Type	IIMP200
Document/GetStgOrdrr/MsgHdr/ReqTp/Prtry/Id	IIMP011
	IIMP012
	IIMP013
	IIMP014
	IIMP015
	IIMP027
	IIMP028
	IIMP029
	<u>IIMP152</u>
[...]	[...]

Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.3. ReturnStandingOrder(camt.070), page 161

“Hyperlink to MyStandards UGs for CoCo to be updated (editorial).”

CRDM UDFS-chapter 3.1.1.4. DeleteStandingOrder (camt.071), page 165

“Hyperlink to MyStandards UGs for CoCo to be updated (editorial).”

CRDM UDFS-chapter 3.1.1.5. GetLimit (camt.009), page 166

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
<u>Request Type</u> <u>Document/GetLmt/MsgHdr/ReqTp/Prtry/Id</u>	<u>IIMP152</u>
BICFI <u>Document/GetLmt/LmtQryDef/LmtCrit/NewCrit/SchCrit/BilLmtCtrPtyId/FinInstnId/BICFI</u>	IIMP114
[...]	[...]

Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.6. ReturnLimit (camt.010), page 170

“Hyperlink to MyStandards UGs for CoCo to be updated (editorial).”

CRDM UDFS-chapter 3.1.1.7. ModifyLimit (camt.011), page 173

“Hyperlink to MyStandards UGs for CoCo to be updated (editorial).”

CRDM UDFS-chapter 3.1.1.8. DeleteLimit (camt.012), page 177

“Hyperlink to MyStandards UGs for CoCo to be updated (editorial).”

CRDM UDFS-chapter 5.1. Business Rules, page 313

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]
<u>IIMP152</u>	The request type must be valid for the addressed service.	<u>camt.009</u> <u>camt.069</u>	<u>camt.010</u> <u>camt.070</u>	<u>REJT</u>	The used request type is not valid.	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]

MyStandards T2-CoCo – Standing Order – camt.069

The BR IIMP152 will be added in the annotation related to the field Document/GetStgOrdr/MsgHdr/ReqTp/Prtry/Id

MyStandards T2-CoCo – Limit – camt.009

The BR IIMP152 will be added in the annotation related to the field Document/GetLmt/MsgHdr/ReqTp/Prtry/Id

Message documentation on MyStandards CoCo Limit (camt.009)

New Business rule IIMP152 documented in the annotation of the following field:

/Document/GetLmt/MsgHdr/ReqTp/Prtry/Id

Message documentation on MyStandards CoCo StandingOrder (camt.069)

New Business rule IIMP152 documented in the annotation of the following field:

/Document/GetStgOrdr/MsgHdr/ReqTp/Prtry/Id

14 EUROSISTEM UPDATE [JIRA CSLD-0687]: page 44 (CLM UDFS-chapter 3.1.5 Blocking/unblocking party); Impact of blocking a payment bank on party level on standing facilities accounts

T2 Actor needs clarity if in case of blocking a party the standing facilities accounts of this party will be blocked as well. As this is not the case, it will be clearly described in the UDFS that in case a payment bank is blocked on party level, the standing facilities accounts of this party are not blocked automatically. This has to be done separately.

CLM UDFS-chapter 3.1.5 Blocking/unblocking party, page 44

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

15 EUROSYSTEM UPDATE [JIRA CSLD-0669]: page 87 (CLM UDFS-chapter 5.1.2 Technical validation); Validation rule errors

The meaning of the term “validation rule errors” has been questioned and it has been asked for the reference of the validation rule publication. The reference for all technical and business validation rules is the UDFS, including the spreadsheet published on the ECB Website. The excel which can be downloaded from MyStandard can help the reader understand the elements of the message on which rules are applied, but it is not the reference in terms of validation rules: it may reference rules which are not implemented by T2. MyStandard (online screens or spreadsheet, which are equivalent) is the reference in term of the format definition: message structure and element multiplicity.

CLM UDFS-chapter 5.1.2 Technical validation, page 87

... that reports the error(s) to the submitting actor when the technical validation fails. Chapter Index of validation rules and error codes provides further information on the business rules and the respective error codes for files and messages. *[Link to chapter 13 Validation rules]*

16 EUROSYSTEM UPDATE [Remedy [INC000000276576](#)]: page 229 (CRDM UDFS- 3.1.4.1. BusinessApplicationHeader (head.001)); page 272 (CRDM UDFS-5.1. Business Rules); page 61 (BILL UDFS- 3.1.3 BusinessApplicationHeader (head.001)); page 67 (BILL UDFS-4.1. Business Rules); page 38 (BDM UDFS- 3.1.3 BusinessApplicationHeader (head.001)); page 43 (BDM UDFS- 4.1. Business Rules and Error Codes); MyStandards T2-CoCo – BusinessApplicationHeader – head.001

Amendment of the CRDM, BILL and BDM documentation in order to mention the Business Rule IIMS002 triggered when there is a message payload schema validation error.

CRDM UDFS- 3.1.4.1. BusinessApplicationHeader (head.001), page 229

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
BusinessApplicationHeader	ICSA004
Document/AppHdr	IICP001
	IICP002
	ICSA005
	IIMP097
	IIMP098
	IIMP099
	IIMP066
	IIMS001
	<u>IIMS002</u>
[...]	[...]

CRDM UDFS- 5.1. Business Rules, page 272

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2 S	TIP S	RTG S	CL M	ECONS 2
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]
<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.</u> <u>//Dynamic error including element name.</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	<u>Yes</u>	<u>No</u>
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]

BILL UDFS- 3.1.3 BusinessApplicationHeader (head.001), page 61

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
BusinessApplicationHeader Document/AppHdr	ICSA004 IICP001 IICP002 ICSA005 IIMP097 IIMP098 IIMP099 IIMP066 IIMS001 <u>IIMS002</u>
[...]	[...]

BILL UDFS- 4.1. Business Rules, page 67

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text
[...]	[...]	[...]	[...]	[...]	[...]
<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.</u> <u>//Dynamic error including element name.//</u>
[...]	[...]	[...]	[...]	[...]	[...]

BDM UDFS- 3.1.3. BusinessApplicationHeader (head.001), page 38

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
BusinessApplicationHeader	ICSA004
Document/AppHdr	IICP001
	IICP002
	ICSA005
	IIMP097
	IIMP098
	IIMP099
	IIMP066
	IIMS001
	<u>IIMS002</u>
[...]	[...]

BDM UDFS- 4.1. Business Rules and Error Codes, page 43

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text
[...]	[...]	[...]	[...]	[...]	[...]
<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.</u> <u>//Dynamic error including element name.//</u>
[...]	[...]	[...]	[...]	[...]	[...]

MyStandards T2-CoCo – BusinessApplicationHeader – head.001

The BR IIMS002 will be added in the annotation of the following field:
Document/AppHdr

17 EUROSISTEM UPDATE [Editorial update]: page 32-37 (CRDM UDFS-chapter 1.2.2.1.2 Privilege)

Changes to the list of privileges for CLM and RTGS.

CRDM UDFS-chapter 1.2.2.1.2 Privilege, page 32 (Table 13)

TABLE 13 – CLM FUNCTIONS

PRIVILEGE	USER FUNCTION	DATA SCOPE
CLM Query Cash Transfer Details	Cash Query Transfer Details	All cash transfer orders on cash accounts within own System Entity (for CB) or owned by own or co-managed Party (for CLM account holder or CLM CB account holder);
CLM Query File	Query and List Files, File Details	All files for own System Entity (for CB) or for owned or co-managed Party (for CLM account holder or CB account holder)
CLM Query Monitoring Screens Crisis Situation	Query, list and display details of the CB monitoring screens eEuropean wide	Cash Accounts within own System Entity (for CB) Operator and CBs need both privileges; only U2A

CRDM UDFS-chapter 1.2.2.1.2 Privilege, page 37 (Table 14)

TABLE 14 – RTGS FUNCTIONS

PRIVILEGE	USER FUNCTION	DATA SCOPE
RTGS Query Account Balance	RTGS Query Account Balance	Cash accounts within own System Entity (for CB) or owned by own Party (for Payment Bank and Ancillary System);
...		
RTGS Invoke Guarantee Processing	RTGS Invoke Guarantee Processing	Cash accounts within own System Entity (for CB) or owned by Ancillary System or owned by own Party (for RTGS account holder);
...		
RTGS Query File	Query and List RTGS Files	All files for own System Entity (for CB) or for owned Party (for RTGS account holder or CB account holder or Ancillary System); only U2A
...		

RTGS Send Customer credit transfers (except mandated payments)	RTGS Initiate Customer payment (except mandated)	Cash accounts within own System Entity (for CB) or owned by own Party (for RTGS account holder); only A2A This privilege can be combined with the back-up functionality but not with the privilege Enter customer credit transfers.
...		
RTGS Send Financial Institution Credit Transfer (except mandated payments)	RTGS Send Financial Institution Credit Transfer (except mandated payment)	Cash accounts within own System Entity (for CB) or owned by own Party (for RTGS account holder or CB account holder or Ancillary System); only A2A This privilege can be combined with the back-up functionality but not with the privilege Enter Financial institution credit transfer.
RTGS Enter customer Credit Transfer	RTGS Enter customer Credit Transfer (except mandated payment)	Cash accounts within own System Entity (for CB) or owned by own Party (for RTGS account holder); only U2A This privilege cannot be combined with the back-up functionality <u>privilege 'RTGS Enter Customer Credit Transfer in Contingency Situation'</u> and with the privilege Send customer credit transfers.
RTGS Enter Financial Institution Credit T ransfer (except mandated payments)	RTGS Enter Financial Institution Credit Transfer (except mandated)	Cash accounts within own System Entity (for CB) or owned by own Party (for RTGS account holder or CB account holder or Ancillary System); only U2A This privilege cannot be combined with the <u>U2A privilege for Enter Financial Institution Credit Transfer for exceptional cases</u> , back-up functionality and with the privilege Send Financial institution credit transfer.
RTGS Initiate immediate Liquidity Transfer	RTGS Initiate immediate Liquidity Transfer	Cash accounts within own System Entity (for CB) or owned by own Party (for RTGS account holder or CB account holder);
...		
RTGS Send mandated payment	RTGS Initiate mandated payment	Cash accounts within own System Entity (for CB); only A2A
...		
RTGS Agree/Disagree Cash	<u>RTGS Agree/Disagree</u> <u>AS Batches on</u>	<u>AS Batches of Procedure A and Procedure B with Group Status</u> <u>"Stopped due to blocking" within own System Entity(for CB);</u>

Transfers	<u>Procedure A and B with Group Status</u> <u>"Stopped due to Blocking".</u> RTGS Agree/Disagree earmarked Cash Transfers	<u>only U2A;</u> All cash transfers on Cash Accounts within own System Entity (for CB); only U2A
...		
RTGS Query AS Batches	Query, list and display details of AS batches; Display AS Batch Processing Log	Ancillary System Parties within own System Entity (for CB) or own Party (for Ancillary System);
<u>RTGS Query AS Batch Processing Log</u>	<u>Display AS Batch Processing Log</u>	<u>Ancillary System Parties within own System Entity (for CB) or own Party (for Ancillary System);</u>
...		
RTGS Query local reference data	RTGS Query, list party reference data, cash account reference data and RTGS directory	Reference data within own System Entity (for CB) or belonging to own Cash Accounts (<u>Payment Bank or Ancillary System</u>) or Cash Accounts within own Account Monitoring Group (for Payment Bank); only U2A
RTGS Query Local Party Cash Account Reference Data	RTGS Query, List Cash Account Reference Data	Local Cash Account Reference data within own System Entity (for CB) or belonging to own Cash Accounts (<u>Payment Bank or Ancillary System</u>); or Cash Accounts within own Account Monitoring Group (for Payment Bank); only U2A
...		

18 EUROSISTEM UPDATE [Remedy PBI000000212312]: page 69 (CRDM UDFS-chapter 1.2.4 Graphical User Interface)

Correction of list of Actors to whom the Technical Address Network Service Link screens are available.

CRDM UDFS-chapter 1.2.4 Graphical User Interface, page 69 (Table 35)

Function	Actor
----------	-------

...	...
Create Technical Address Network Service Link	Operator, Central Bank, Payment Bank, Ancillary System
Delete/Restore Technical Address Network Service Link	Operator, Central Bank, Payment Bank, Ancillary System

19 EUROSISTEM UPDATE [JIRA CSLD-0683]: page 81 (CRDM UDFS-chapter 1.3.2.3 Description of the entities)

Inclusion of Intraday Credit Indicator (specified in UHB) and explanation of its informational purpose.

CRDM UDFS-chapter 1.3.2.3 Description of the entities, page 81 (Subsection 8.1 CLM Configuration)

ATTRIBUTE	DESCRIPTION
Overnight Deposit Indicator	It specifies whether the party is enabled for Overnight Deposit.
Marginal Lending Indicator	It specifies whether the party is enabled for Marginal Lending.
Minimum Reserve Obligation	Indicates if an institution is subject to minimum reserve requirement or not and the type of the minimum reserve calculation. Exhaustive list of possible values is as follows: <ul style="list-style-type: none"> Direct Pool Indirect No
<u>Intraday Credit Indicator</u>	<u>Specified whether the Party is allowed to receive intraday credit.</u> <u>Informational purpose; not used in any application process.</u>
Institutional Sector Code	It specifies the financial corporations sector classification to which the party belongs.
...	...

20 EUROSISTEM UPDATE [JIRA CSLD-0331]: page 89 (CRDM UDFS-chapter 1.3.3.3 Description of the entities), page 264 (CRDM UDFS-chapter 4.5.3.12 Cash Account)

CRDM to implement a check to enforce a 1:1 relationship between MCA and RTGS DCA defined in the Associated LT Account field.

CRDM UDFS-chapter 1.3.3.3 Description of the entities, page 89 (subsection 7.Account Threshold Configuration)

ATTRIBUTE	DESCRIPTION
...	...
Associated LT Account	Linked Cash Account (<u>defined between an RTGS DCA and an MCA belonging to the same party in a 1:1 relationship</u>) to be used when generating automated liquidity transfers <u>and rule-based liquidity transfers in case floor or ceiling amounts are breached of pending high/urgent payments and AS transfers.</u>
...	...

CRDM UDFS-chapter 4.5.3.12 Cash Account (DMT specifications), page 264

...
21	U	Associated LT Account	CHAR(34)	Account used for automated liquidity transfers <u>and rule-based liquidity transfers in case of pending high/urgent payments and AS transfers.</u>	This field is mandatory if « Target Amount After Breaching Floor » and/or « Target Amount After Breaching Ceiling » are used. can only be used if « Account Type » is MCA or RTGS DCA.		0..1

21 EUROSISTEM UPDATE [JIRA CSLD-0374]: page 90 (CRDM UDFS-chapter 1.3.3.3 Description of the entities), page 265 (CRDM UDFS-chapter 4.5.3.12 Cash Account)

CRDM includes a flag at Cash Account level to enable the automated generation of interest payments.

CRDM UDFS-chapter 1.3.3.3 Description of the entities, page 90 (subsection 8.Reserve Management Account Configuration)

ATTRIBUTE	DESCRIPTION
...	...

<u>Automated Generation of Interest Payment (System Generated)</u>	<u>Flag to enable the automated generation of interest payments, requiring the definition of a Leading CLM Account Holder at Party-Service Link level.</u>
--	--

CRDM UDFS-chapter 4.5.3.12 Cash Account (DMT specifications), page 265

30
31	AE	<u>Automated Generation of Interest Payments (System Generated)</u>	<u>BOOLEAN</u>	<u>Flag to enable the automated generation of interest payments.</u>			<u>0..1</u>
...							

22 EUROSYSYSTEM UPDATE [JIRA CSLD-564]: page 154 (CRDM UDFS-3.1.1.1 **ModifyStandingOrder (camt.024)**); page 158 (CRDM UDFS-chapter 3.1.1.2 **GetStandingOrder (camt.069)**); page 160 (CRDM UDFS-chapter 3.1.1.3 **ReturnStandingOrder(camt.070)**); page 164 (CRDM UDFS-chapter 3.1.1.4 **DeleteStandingOrder (camt.071)**); page 272 (CRDM UDFS-5.1. **Business Rules**); **MyStandards T2-CoCo – Standing Order – camt.024**

Amendment of the CRDM documentation in order to remove the Business Rule DCC4091, since not checked in A2A due to the absence of an A2A field for Dedicated Amount.

CRDM UDFS-3.1.1.1 ModifyStandingOrder (camt.024), page 154

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
ModifyStandingOrder Document/ModfyStgOrdr	DCU4001 DCC4001
[...]	[...]
Amount Document/ModfyStgOrdr/NewStgOrdrValSet/Amt/AmtWithCcy	DCC4091 DCC4092 DCU4091 DCU4092 DCC4093 DCU4093
[...]	[...]
ZeroSweepIndicator Document/ModfyStgOrdr/NewStgOrdrValSet/ZeroSweepInd	DCC4091 DCC4092 DCU4091 DCU4092

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.2 GetStandingOrder (camt.069), page 158

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.3 ReturnStandingOrder(camt.070), page 160

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.4 DeleteStandingOrder (camt.071), page 164

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS- 5.1. Business Rules, page 272

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2 S	TIP S	RTG S	CL M	ECONS 2
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]
DCC4091	When performing a Standing and Predefined Liquidity Transfer Order Create request, the Dedicated Amount field and the All Cash field cannot be set both to True.	camt.024	camt.025	REJT	All Cash/Dedicated Amount must not be set both to TRUE	Yes	No	Yes	Yes	No
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]

MyStandards T2-CoCo – Standing Order

The BR DCC4091 to be removed in the camt.024 annotation of the following fields:

Document/ModifyStgOrder/NewStgOrderValSet/Amt/AmtWithCcy

Document/ModifyStgOrder/NewStgOrderValSet/ZeroSweepInd

24 EUROSYSYSTEM UPDATE [Editorial update]: page 154 (CRDM UDFS-3.1.1.1 ModifyStandingOrder (camt.024)); page 158 (CRDM UDFS-chapter 3.1.1.2 GetStandingOrder (camt.069)); page 160 (CRDM UDFS-chapter 3.1.1.3 ReturnStandingOrder(camt.070)); page 164 (CRDM UDFS-chapter 3.1.1.4 DeleteStandingOrder (camt.071)); page 272 (CRDM UDFS-5.1. Business Rules); MyStandards T2-CoCo – Standing Order – camt.070

Amendment of the MyStandards annotation on Standing Order report and CRDM UDFS in order to be compliant with the CRDM business cases.

CRDM UDFS-3.1.1.1 ModifyStandingOrder (camt.024), page 154

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.2 GetStandingOrder (camt.069), page 158

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.3 ReturnStandingOrder(camt.070), page 160

“Hyperlink to MyStandards UGs for CoCo to be updated.”

Usage Case: RTGS Return standing order details

In this usage case, data about a Liquidity transfer Order for RTGS is queried. Liquidity transfer Order details are returned.

Specific message content

ReturnStandingOrder (camt.070) contains the following set of information.

MESSAGE ITEM	UTILISATION
Request Type Document/RtrStgOrdr/MsgHdr/ReqTp/Prtry/Id	Request Type SDTL
[...]	[...]
Execution Type Document/RtrStgOrdr/RptOrErr/Rpt/StgOrdrOrErr/StgOrdr/ExctnTp/Ext/Prtry	Execution Type
[...]	[...]

[...]

Usage Case: AS settlement procedure D RTGS Return standing order details

In this usage case data about a Liquidity transfer Order for RTGS AS *settlement procedure D* is

requested.

Specific message content

Return Liquidity transfer Order contains the following set of information:

MESSAGE ITEM	UTILISATION
Request Type Document/RtrStgOrder/MsgHdr/ReqTp/Prtry/Id	Request Type SDTL
[...]	[...]
Execution Type Document/RtrStgOrder/RptOrErr/Rpt/StgOrderOrErr/StgOrder/ExctnTp/ Evnt/Prtry	Execution Type
[...]	[...]

[...]

Usage Case: CLM Return standing order details

In this usage case data about a Liquidity transfer Order for CLM is requested.

Specific message content

Return Liquidity transfer Order contains the following set of information.

MESSAGE ITEM	UTILISATION
Request Type Document/RtrStgOrder/MsgHdr/ReqTp/Prtry/Id	Request Type SDTL
[...]	[...]
Execution Type Document/RtrStgOrder/RptOrErr/Rpt/StgOrderOrErr/StgOrder/ExctnTp/ Evnt/Prtry	Execution Type
[...]	[...]

CRDM UDFS-chapter 3.1.1.4 DeleteStandingOrder (camt.071), page 164

"Hyperlink to MyStandards UGs for CoCo to be updated."

MyStandards T2-CoCo – Standing Order – camt.070

- The annotation “Used when T2S settlement service is involved. Ignored otherwise” will be removed from the following field of the camt.070

Document/RtrStgOrdr/RptOrErr/Rpt/StgOrdrOrErr/StgOrdr/ExctnTp/Tm

- The annotation related to the field Account Owner (Document/RtrStgOrdr/RptOrErr/Rpt/StgOrdrId/AcctOwnr) will be amended as follow:

“Used when RTGS/CLM settlement service is involved. Ignored otherwise.”

25 EUROSISTEM UPDATE [Internal Change]: page 154 (CRDM UDFS-3.1.1.1 ModifyStandingOrder (camt.024)); page 158 (CRDM UDFS-chapter 3.1.1.2 GetStandingOrder (camt.069)); page 160 (CRDM UDFS-chapter 3.1.1.3 ReturnStandingOrder(camt.070)); page 164 (CRDM UDFS-chapter 3.1.1.4 DeleteStandingOrder (camt.071)); MyStandards T2-CoCo – Standing Order – camt.024, camt.070;

As a consequence of the CLM changes of Addendums, a change for camt.024 and camt.070 CRDM messages is necessary due to an update of business day events triggering standing order liquidity transfers in CLM. Code « CRII » is not anymore listed and should be removed to the above messages. The relevant codes for camt.024 and camt.070 messages are for CLM « CESO » and « CCII ». Furthermore the correct description of code « CCII » - "Cut-off for CLM RTS" should be reflected in the message annotations.

CRDM UDFS-3.1.1.1 ModifyStandingOrder (camt.024), page 154

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.2 GetStandingOrder (camt.069), page 158

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.3 ReturnStandingOrder(camt.070), page 160

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.1.4 DeleteStandingOrder (camt.071), page 164

“Hyperlink to MyStandards UGs for CoCo to be updated.”

MyStandards T2-CoCo – Standing Order – camt.024

For the following field, the code “CRII” will be removed. Annotation will be amended accordingly.
Document/ModifyStgOrdr/NewStgOrdrValSet/ExctnTp/Evt/Prtry

MyStandards T2-CoCo – Standing Order – camt.070

For the following field, the code “CRII” will be removed. Annotation will be amended accordingly.
Document/RtrStgOrdr/RptOrErr/Rpt/StgOrdrOrErr/StgOrdr/ExctnTp/Evt/Prtry

26 EUROSYSTEM UPDATE [Editorial update]: page 182 (CRDM UDFS-chapter 3.1.1.11. DirectDebitMandateQuery (camt.099)); page 183 (DirectDebitMandateReport (camt.100)); MyStandards T2-CoCo – DirectDebitMandate – camt.099

Alignment of the MyStandards specification for DirectDebitMandateQuery(camt.099): Service and Currency made mandatory, in order to be aligned with the BE specifications and software.

CRDM UDFS-chapter 3.1.1.11. DirectDebitMandateQuery (camt.099) page 182

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-3.1.1.12. DirectDebitMandateReport (camt.100) page 183

“Hyperlink to MyStandards UGs for CoCo to be updated.”

MyStandards T2-CoCo – DirectDebitMandate – camt.099

The following search criterias have been made mandatory:

Document/DrctDbtMndtQry/SchCrit/Svc

Document/DrctDbtMndtQry/SchCrit/Svc/SysCcy

27 EUROSYSTEM UPDATE [JIRA CSLD-326]: page 198 (CRDM UDFS-3.1.2.6. AccountExcludedMandateMaintenanceRequest (acmt.015));

Payment Banks can use the AccountExcludedMandateMaintenanceRequest (acmt.015) to instruct an update of the attributes related to floor/ceiling amounts for Cash Accounts for which they are defined as Account Owner or Co-Manager. This clarification will be included in the CRDM documentation.

CRDM UDFS-chapter 3.1.2.6. AccountExcludedMandateMaintenanceRequest (acmt.015), page 198

This chapter illustrates the AccountExcludedMandateMaintenanceRequest message.

The AccountExcludedMandateMaintenanceRequest (acmt.015) is sent by CBs or any party authorised by them to instruct the update of a Cash Account by providing details about the Cash Account to be updated.

Payment Banks can use the AccountExcludedMandateMaintenanceRequest (acmt.015) to instruct an update of the attributes related to floor/ceiling amounts for Cash Accounts for which they are defined as Account Owner or Co-Manager.

In response, CRDM sends an AccountRequestAcknowledgement (acmt.010) or AccountRequestAcknowledgement (acmt.011) messages respectively when the update of the Cash Account has been successfully processed or queued and when the update has been rejected.

28 EUROSYSYSTEM UPDATE [Editorial update]: page 215 (CRDM UDFS-chapter 3.1.3.7. CalendarQuery(reda.064)); page 217 (CRDM UDFS-chapter 3.1.3.8. CalendarQuery(reda.065)); MyStandards T2-CoCo – CalendarQuery_CalendarReport – reda.064, reda.065

Alignment of the CalendarQuery (reda.064) and CalendarReport (reda.065) MyStandards annotations to the April addendum: for reda.064 – renaming of the BRs; for reda.065 removing of the annotation for X050 since no data business case already covered by BR QMPC104.

CRDM UDFS-chapter 3.1.3.7. CalendarQuery(reda.064) page 215

“Hyperlink to MyStandards UGs for CoCo to be updated.”

CRDM UDFS-chapter 3.1.3.8. CalendarQuery(reda.065) page 217

“Hyperlink to MyStandards UGs for CoCo to be updated.”

MyStandards T2-CoCo – CalendarQuery_CalendarReport – reda.064, reda.065

reda.064

The BRs mentioned in the following fields

Document/CalQry/SchCrit

Document/CalQry/SchCrit/Yr

Document/CalQry/SchCrit/Mnth

Document/CalQry/SchCrit/Svc/SysId/MktInfrstrctrId/Prtry

Document/CalQry/SchCrit/Svc/SysCcy

will be renamed in the following way

QMPC1011

QMPC1012

QMPC1013

reda.065

The annotation “In case no rows are retrieved, X050 error code is returned” of the field

Document/CalRpt/RptOrErr/OprlErr/Err/Prtry will be removed, since the no data found business case is already managed via the Business Rule QMPC104

29 EUROSYSYSTEM UPDATE [Editorial update]: page 253 (CRDM UDFS-chapter 4.5.3.8 Message Subscription Rule – New (DMT))

Correction of typos in list of Message Subscription Rule parameter types.

CRDM UDFS-chapter 4.5.3.8 Message Subscription Rule - New, page 253

8	H	Parameter Type Name	<p>Name of the parameter type to be set for the rule.</p> <p>Allowed values for T2S are:</p> <ul style="list-style-type: none"> • INTP (Instruction Type) • MXST (Message Status) • PART (PARTY) • SACC (Securities Account) • ISIN • CASH (T2S DCA) • INST (Instruction Status) • TRCD (Transaction Code) • CURR (Currency) • AMFL (Already Matched Flag) • MXID (Message Identification Type) • SECO (Settlement Transaction Condition Code) • BUPA (Business Sending Party) • BUSE (System User Reference) • INPA (Instructing Party) <p>Allowed values for CLM/RTGS are:</p> <ul style="list-style-type: none"> • <u>MXID (Message Type)</u> • INTP (Message<u>Instruction</u> Type) • CASH (Cash Account) • CRDB (Debit/Credit Indicator) • MABI (Multi-addressee BIC) • BUCA (Business Case) 				1..1
---	---	---------------------	--	--	--	--	------

			<ul style="list-style-type: none"> • PRTY (Priority) • UMTTP (Underlying Message Type) <p>Allowed values for TIPS are:</p> <ul style="list-style-type: none"> • <u>MXID (Message Type)</u> • INTP (Message<u>Instruction</u> Type) • CASH (TIPS Account) • CRDB (Debit/Credit Indicator) 				
--	--	--	---	--	--	--	--

30 EUROSISTEM UPDATE [Editorial update]: page 262 (CRDM UDFS-chapter 4.5.3.12 Cash Account (DMT))

Updates to align DMT specifications to actual attributes and correct typos for the Cash Account object: possibility to define floor/ceiling amounts on CLM/RTGS CB Accounts; possibility to define links for Contingency Accounts; Boolean attributes to trigger automated LT; removal of „Account Billing Configuration“ group; mandatory checks on Reserve Management configuration and Default MCA flag; inclusion of Co-Manager Parent BIC.

CRDM UDFS-chapter 4.5.3.12 Cash Account, page 262

		
8	H	Floor Notification Amount	DEC (13,5)	Threshold for floor notifications	This field is only allowed for - all T2S account types - all TIPS account types - RTGS DCAs <u>- RTGS CB Accounts</u> - Main Cash Accounts <u>- CLM CB Accounts</u>	0..1	
9	I	Ceiling Notification Amount	DEC (13,5)	Threshold for ceiling notifications	This field is only allowed for - all T2S account types - all TIPS account types - RTGS DCAs	0..1	

					- <u>RTGS CB Accounts</u> - <u>Main Cash Accounts</u> - <u>CLM CB Accounts</u>		
		
12	L	Linked Account	VARCHAR(34)	<u>Linked Cash Account</u> linked to the CMB	This field is mandatory if the Account Type is T2S Dedicated Transit Account, T2S Central Bank Account, T2S Dedicated Cash Account, TIPS Credit Memorandum Balance, RTGS Dedicated Cash Account, RTGS Sub-Account, <u>Contingency Cash Account</u> , <u>CB Contingency Account</u> . It is also mandatory if the Account Type is Main Cash Account and Default MCA is set to TRUE. It is not allowed otherwise.	0..1	
		
24	X	<u>Automated LT for Queued High Priority Payments</u>	<u>BOOLEAN</u>	<u>Flag to enable automated liquidity transfers for queued high priority payments.</u>	<u>This attribute can only be used for RTGS DCA.</u> <u>It is only allowed if "Associated LT Account" is used.</u>		<u>0..1</u>
25	Y	<u>Automated LT for Queued Urgent Priority</u>	<u>BOOLEAN</u>	<u>Flag to enable automated liquidity transfers for</u>	<u>This attribute can only be used for RTGS DCA.</u>		<u>0..1</u>

		<u>Payments/AS Transfer Orders</u>		<u>queued urgent priority payments and AS transfer orders.</u>	<u>It is only allowed if "Associated LT Account" is used.</u>		
--	--	------------------------------------	--	--	---	--	--

Group "Account Billing Configuration"						0..1	
24	X	Billed Party	CHAR (11)	Party within same system entity to be billed.			0..1
25	Y	Charged Party	CHAR (11)	Party within same system entity to be charged,			0..1
26	Z	Debited MCA	CHAR (34)	Account to debit.			0..1
Group "Reserve Management Account Configuration"					<u>This group is not allowed if the Account Type is</u> <u>CB Contingency Account, Contingency Cash Account, Contingency Technical Account, Contingency Transit Account.</u>	0..1	
26	Z	Minimum Reserve Calculation	BOOLEAN	Flag to enable account for minimum reserve calculation.			0..1
27	AA	Default MCA	BOOLEAN	Flag to enable account as default MCA.	<u>This field is mandatory if Account Type is Main Cash Account or CLM CB Account. It is not allowed otherwise.</u>		0..1
		

32	AF	Co-manager Parent BIC	CHAR (11)	Parent BIC of the party co- managing the account.	This field is not allowed if "Co-managed" is set to FALSE. It is mandatory if "Co- managed" is set to TRUE.		0..1
33	AG	Co-manager	CHAR (11)	BIC of the Party within the same system entity to co- manage co- managing the account.	This field is not allowed if "Co-managed" is set to FALSE. It is mandatory if "Co- managed" is set to TRUE.		0..1

31 EUROSISTEM UPDATE [Editorial update]: page 268 (CRDM UDFS-chapter 4.5.3.15 Party Service Link (DMT))

Updates to align DMT specifications to actual attributes and correct typos for the Party Service Link object: full list of Service Party Types; inclusion of RTGS- and CLM-specific attributes.

CRDM UDFS-chapter 4.5.3.15 Party Service Link, page 268

Flat file	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of the record.		1..1	
3	C	Parent BIC	CHAR (11)	Parent BIC of the party to link.		1..1	
4	D	Party BIC	CHAR (11)	Party BIC of the party to link.		1..1	
5	E	Service Name	Possible values: - TIPSCHAR (4)	Classification of the Service Name: - TIPS: TIPS		1..1	

				Settlement Service Identifier of the Service.			
6	F	Valid From	DATE	Starting validity date for the link.		1..1	
7	G	Valid To	DATE	Ending validity date for the link		0..1	
8	H	Service Party Type	Possible values: • TPPT (<u>TIPS Participant</u>) • TPRP (<u>Reachable Party</u>) • MPPT (<u>MPL-Only Participant</u>) • RACH (<u>RTGS Account Holder</u>) • ANSY (<u>Ancillary System</u>) • CACH (<u>CLM Account Holder</u>) • IMMR (<u>Institution managing minimum reserve without account in CLM</u>) • ECAH (<u>Contingency Account Holder</u>) • ECAS (<u>Contingency Ancillary System</u>)	Classification of the Service Name: • TPPT: TIPS Participant • TPRP: Reachable Party • MPPT: MPL-Only Participant • RACH (<u>RTGS Account Holder</u>) • ANSY (<u>Ancillary System</u>) • CACH (<u>CLM Account Holder</u>) • IMMR (<u>Institution managing minimum reserve without account in CLM</u>) • ECAH (<u>Contingency Account Holder</u>) • ECAS (<u>Contingency Ancillary System</u>)		1..1	
<u>Group "RTGS Configuration"</u>					<u>This block is mandatory if the Service Identifier in</u>	<u>0..1</u>	

					input refers to T2 RTGS. It is not allowed in any other case.		
<u>9</u>	<u>I</u>	<u>U2A only</u>	<u>BOOLEAN</u>	Specifies whether a Party acts only through the U2A channel in RTGS.			<u>1..1</u>
<u>10</u>	<u>J</u>	<u>Ancillary System Sub-Type</u>	<u>Possible values:</u> <ul style="list-style-type: none"> • <u>HVPS</u> • <u>RPS</u> • <u>IPS</u> • <u>SSS</u> • <u>FXS</u> • <u>MMS</u> • <u>CCP</u> • <u>OTH</u> 	<u>Sub-Type for an Ancillary System.</u> <u>Possible values:</u> <ul style="list-style-type: none"> • <u>HVPS: High-Value-Payment-Systems</u> • <u>RPS: Retail-Payment-Systems</u> • <u>IPS: Instant-Payment-Systems</u> • <u>SSS: Security-Settlement-Systems</u> • <u>FXS: Foreign-Exchange-Settlement-Systems</u> • <u>MMS: Money-Market-Settlement-Systems</u> • <u>CCP: Central-Counter-Parties</u> • <u>OTH: Other</u> 	This field is mandatory if the Service Identifier in input refers to T2 RTGS and Service Party Type is "Ancillary System". It is not allowed in any other case.		<u>0..1</u>
<u>Group "CLM Configuration"</u>					This block is mandatory if the Service Identifier in input refers to T2 CLM.	<u>0..1</u>	

					It is not allowed in any other case.		
<u>11</u>	<u>K</u>	<u>Overnight Deposit Indicator</u>	<u>BOOLEAN</u>	<u>Specifies whether the Party uses the Overnight Deposit facility.</u>			<u>1..1</u>
<u>12</u>	<u>L</u>	<u>Marginal Lending Indicator</u>	<u>BOOLEAN</u>	<u>Specifies whether the Party uses the Marginal Lending facility.</u>			<u>1..1</u>
<u>13</u>	<u>M</u>	<u>Minimum Reserve Obligation</u>	<u>Possible values:</u> <ul style="list-style-type: none"> • <u>Direct</u> • <u>Pool</u> • <u>Indirect</u> • <u>No</u> 	<u>Specifies whether the Party is subject to the minimum reserve requirement and through which method it is calculated.</u>			<u>1..1</u>
<u>14</u>	<u>N</u>	<u>Intraday Credit Indicator</u>	<u>BOOLEAN</u>	<u>Specifies whether the Party is allowed to receive intraday credit.</u>			<u>1..1</u>
<u>15</u>	<u>O</u>	<u>Institutional Sector Code</u>	<u>CHAR (35)</u>	<u>Identifies the financial corporations sector classification to which the Party belongs with respect to the nature of its business.</u>			<u>1..1</u>
<u>16</u>	<u>P</u>	<u>U2A Only</u>	<u>BOOLEAN</u>	<u>Specifies whether a Party acts only through the U2A channel in CLM.</u>			<u>1..1</u>
<u>17</u>	<u>Q</u>	<u>MFI Code</u>	<u>CHAR (35)</u>	<u>Monetary Financial Institution Code</u>	<u>Mandatory if "Minimum</u>		<u>0..1</u>

					Reserve Obligation" is equal to "Pool". "Direct" or "Indirect" Not allowed if "Minimum Reserve Obligation" is equal to "No"		
18	R	Leading CLM Account Holder Parent BIC	CHAR (11)	Parent BIC of the Leading CLM Account Holder for the calculation and settlement of interests or penalties	Mandatory if "Minimum Reserve Obligation" is equal to "Pool". "Direct" or "Indirect"		0..1
19	S	Leading CLM Account Holder Party BIC	CHAR (11)	BIC of the Leading CLM Account Holder for the calculation and settlement of interests or penalties	Mandatory if "Minimum Reserve Obligation" is equal to "Pool". "Direct" or "Indirect"		0..1

32 EUROSISTEM UPDATE [Editorial update]: page 269 (CRDM UDFS-chapter 4.5.3.16 DN-BIC Routing (DMT))

Updates to align DMT specifications to add Participation Type attribute to DN-BIC Routing.

CRDM UDFS-chapter 4.5.3.16 DN-BIC Routing, page 269

Flat file	Excel Column	Column Name	Format	Description	Rules	Occurs per Record	Occurs per Group
2	B	Record Id	NUMERIC (10)	Unique identifier of		1..1	

				the record.			
3	C	Distinguished Name	VARCHAR (256)	Distinguished Name to link to the BIC.	Interoperability character set restriction does not apply	1..1	
4	D	BIC	VARCHAR (11)	BIC to link to the Distinguished Name		1..1	
5	E	Inbound Flag	BOOLEAN	Type of link: • TRUE: Inbound • FALSE: Outbound		0..1	
<u>6</u>	<u>F</u>	<u>Participation Type</u>	<u>Possible values:</u> • <u>DIRE (Direct)</u> • <u>MACI (Multi-Addressee – Credit Institution)</u> • <u>MADI (Multi-Addressee – Branch of Direct Participant)</u>	<u>Participation Type of the related Authorised Account User.</u>	<u>Cannot be input if “Inbound Flag” is TRUE</u>	<u>0..1</u>	
<u>76</u>	<u>GF</u>	Valid From	DATE	Starting validity date for the link.		1..1	
<u>87</u>	<u>HG</u>	Valid To	DATE	Ending validity date for the link		0..1	

33 EUROSYSTEM UPDATE [Editorial update]: page 272 (CRDM UDFS-5.1. Business Rules);

Amendment of the CRDM UDFS in order to remove a not allowed character (quotation marks) in the Business Rule IIMP200, in order to allow the error text to be reported the camt.070.

CRDM UDFS- 5.1. Business Rules, page 272

Rule Id	Description	Inbound message	Outbound message	Reason Code	Error Text	T2S	TIPS	RTGS	CLM	ECONS2
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]
IIMP200	For the user query "Liquidity Transfer Order Detail Query (SDTL)" the following search criteria are allowed: - Account Identification - Party BIC	camt.069	camt.070	REJT	While referring to the query 'Liquidity Transfer Order Detail Query (SDTL)', the selected search criteria are invalid.	Yes	No	Yes	Yes	No
[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]	[...]

34 EUROSYSTEM UPDATE [JIRA CSLD-0576]: page 20 (BILL UDFS-chapter 1.5.2 Overview of the Billing process

Clarification BILL UDFS T2S invoices for CB participants

On the invoice creation date, the invoices are created on the basis of the invoice data and the related manual correction (see 1.5.8 Invoice creation):

- Invoices for System Entities (CBs and CSDs), including a cumulative overview of fees for

the participants within its community of a given service and its own fees for the usage of a given service, issued by the ECB. T2S CSD invoices are System Entity only;

**35 EUROSISTEM UPDATE [JIRA CSLD-0577]: page 47 (BILL UDFS-chapter 3.1.2
BillingReport (camt.077))**

Clarification on the unit price

BILL UDFS-chapter 3.1.2 BillingReport (camt.077) page 47

Usage Case: Cumulative Billing Data Query Response

[...]

Specific message requirements

MESSAGE ITEM	UTILISATION
[...]	[...]
<p>Quantity</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/Qty</p>	<p>Total number of units per service item.</p> <p><u>For service items with digressive calculation method, the total quantity is reported (no band splitting).</u></p>
<p>UnitPrice</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/UnitPric</p>	<p>Price per unit for the specified service item.</p> <p><u>For service items with digressive calculation method, the unit price is not reported.</u></p>
<p>TotalInvoiceAmount</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/TtlInvAmt</p>	<p>Total amount for the specified item type.</p> <p><u>For service items with digressive calculation method, the total amount is reported (no band splitting).</u></p>
[...]	[...]

[...]

Usage Case: Itemised Billing Data Query Response

[...]

Specific message requirements

MESSAGE ITEM	UTILISATION
[...]	[...]
<p>Quantity</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/Qty</p>	<p>Total number of units per service item.</p> <p><u>For service items with digressive calculation method, the total quantity is reported (no band splitting).</u></p>
<p>UnitPrice</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/UnitPric</p>	<p>Price per unit for the specified service item.</p> <p><u>For service items with digressive calculation method, the unit price is not reported.</u></p>
<p>TotallInvoiceAmount</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/TtlInvAmt</p>	<p>Total amount for the specified item type.</p> <p><u>For service items with digressive calculation method, the total amount is reported (no band splitting).</u></p>
[...]	[...]

[...]

Usage Case: Invoice

[...]

Specific message requirements

MESSAGE ITEM	UTILISATION
[...]	[...]
<p>Quantity</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/Qty</p>	<p>Total number of units per service item.</p> <p><u>For service items with digressive calculation method, the total quantity is reported (no band splitting).</u></p>
<p>UnitPrice</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/UnitPric</p>	<p>Price per unit for the specified service item.</p> <p><u>For service items with digressive calculation method, the unit price is not reported.</u></p>
<p>TotalInvoiceAmount</p> <p>Document/BllgRpt/BllgRptOrErr/BllgRpt/SvcCtgyTtls/SvcltmTtls/TtlInvAmt</p>	<p>Total amount for the specified item type.</p> <p><u>For service items with digressive calculation method, the total amount is reported (no band splitting).</u></p>
[...]	[...]

[...]

36 EUROSYSTEM UPDATE [JIRA CSLD-0686 and JIRA CSLD-0217]: page 16 (ECONSII UDFS-chapter 1.3.1.2 Concept of Party in ECONSII), page 20 (ECONSII UDFS-chapter 1.3.2.2 Payment Bank Contingency Accounts)

Clarifications on Contingency Accounts in relation to Payment Bank parties.

ECONSII UDFS-chapter 1.3.1.2 Concept of Party in ECONSII, page 16

A **Payment Bank** represents an entity that may holds one or several , ~~and only one~~, Contingency Accounts.

ECONSII UDFS-chapter 1.3.2.2 Payment Bank Contingency Accounts, page 20

Each Payment Bank may have ~~only one~~ as many Contingency Account as it has MCAs, exclusively for its contingency settlement activities.

Each of the payment bank's contingency account needs to be linked to a different MCA, i.e. no two contingency accounts can be linked to the same MCA.

37 EUROSYSTEM UPDATE [JIRA CSLD-0609]: page 100 (ECONSII UDFS-chapter 3.3.2.1.7 BankToCustomerStatement (camt.053))

Correction of the service indicated in the Statement Identification field.
--

ECONSII UDFS-chapter 3.3.2.17 BankToCustomerStatement (camt.053), page 100

MESSAGE ITEM	UTILISATION
Statement Identification Document/BkToCstmrStmnt/Stmnt/ID	Identification of the settlement service for which the general ledger is produced, <u>i.e.</u> GLMECONS

38 EUROSYSTEM UPDATE [JIRA CSLD-0342]: page 100 (ECONSII UDFS-chapter 3.3.2.1.7 BankToCustomerStatement (camt.053))

The Account Owner element will be returned in the ECONSII GL.

ECONSII UDFS-chapter 3.3.2.1.7 BankToCustomerStatement (camt.053) page 100

Specific message content

MESSAGE ITEM	UTILISATION
[...]	[...]
Account Identification Document/BkToCstmrStmnt/Stmnt/Acct/ID/Othr/ID	Account number
<u>Account Owner</u> Document/BkToCstmrStmnt/Stmnt/Acct/Ownr/Id/OrgId/AnyBIC	<u>Party BIC owning the account</u>
Balance type Document/BkToCstmrStmnt/Stmnt/Bal/Tp/CdOrPrty/Cd	Type of balance OPBD CLBD

39 EUROSYSTEM UPDATE [T2S CR-710]: page 35 (BDM UDFS- 3.1.2. ReturnBusinessDayInformation(camt.019)); page 32 (BDM UDFS-chapter 3.1.1. GetBusinessDayInformation(camt.018)); MyStandards T2-CoCo – BDM_BusinessDayInformation – camt.019

In order to be aligned with T2S for the camt.019 shared schema, the System Status “No Maintenance Window” with code “NOMW” should be inserted in the BDM camt.019 specifications in MyStandards.

BDM UDFS-chapter 3.1.1. GetBusinessDayInformation(camt.018) page 32

“Hyperlink to MyStandards UGs for CoCo to be updated.”

BDM UDFS-chapter 3.1.2. ReturnBusinessDayInformation(camt.019) page 35

“Hyperlink to MyStandards UGs for CoCo to be updated.”

MyStandards T2-CoCo – BDM_BusinessDayInformation – camt.019

The System Status “No Maintenance Window” with code “NOMW” will be added in following field:

Document/RtrBizDayInf/RptOrErr/BizRpt/BizDayOrErr/BizDayInf/SysSts/Sts

40 EUROSYSYSTEM UPDATE [CSLD JIRA-646]: page 22 (ESMIG UDFS-chapter 1.4.4 Message-Based and File-Based Store-and-Forward)

Clarifications on size limitation.

ESMIG UDFS-chapter 1.4.4 Message-Based and File-Based Store-and-Forward, page 22

The message and file transfer operate in store-and-forward mode and, as such, enable a sender to transmit files even when a receiver is unavailable. In the case of temporary unavailability of the receiver, the NSP stores files for 14 calendar days (for PROD environment) and delivers them as soon as the receiver becomes available again.

For TIPS the maximum size for exchanged files is set to 1 GB. File transfer mode is used by the TIPS service only for outgoing exchange; there is no business case for using it for inbound communication from the TIPS actor to the TIPS application.

For exchange based on DEP protocol the following size limit applies.

	MINIMUM LENGTH	MAXIMUM LENGTH
Message channel	1	32 KB (KB=2 ¹⁰)
File channel	1	32 MB (MB=2 ²⁰)

The size limitation refers to the allowed size range for messages and files in the transport channel,

(i) without taking into account the communication protocols overheads and (ii) regardless of whether the business data is compressed or not.

It is worth noting that the size of the business content is whatever has to be encapsulated into the DEP envelope. In that respect the business data can be either:

- BAH+Message payload or,
- BFH+File Data.

41 EUROSYSYSTEM UPDATE [CSLD JIRA-538]: page 43 (ESMIG UDFS-chapter 2.1.6 Digital Signature managed within the business layer)

Inclusion of the following footnote regarding the DEP protocol and Business Application Header.

ESMIG UDFS-chapter 2.1.6 Digital Signature managed within the business layer, page 43

Footnote: For TARGET services making use of DEP and BAH, BAH and payload shall be included into the DEP envelope following the indications provided to their customers by each NSP.

CLM**42 EUROSISTEM UPDATE [internal review]: page 32 (CLM UDFS-chapter 2.1 Connectivity);
Correction of inconsistency between ESMIG and CLM UDFS**

Correction of inconsistency between ESMIG and CLM UDFS
--

CLM UDFS-chapter 2.1 Connectivity, page 32

[...]

A2A connectivity

[...]

The A2A supports the following connectivity modes:

- | store-n-forward, message-based;
- | store-n-forward, file-based;
- | real-time, message-based;
- | ~~real-time, file-based.~~

**43 EUROSISTEM UPDATE [internal review]: page 35 (CLM UDFS-chapter 2.5
Communication between CLM and CLM Actors); Correction of inconsistency between ESMIG
and CLM UDFS**

Correction of inconsistency between ESMIG and CLM UDFS
--

CLM UDFS-chapter 2.5 Communication between CLM and CLM Actors, page 35

[...]

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

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

Table 7 - Business data and communication channels

CLM business data exchanges	Inbound communication request	Outbound communication response
-----------------------------	-------------------------------	---------------------------------

[...]		
Queries	Real-time file-based , Real-time message-based	Real-time message-based, real-time file-based [...]

[...]

Possible values for a channel are:

- | store-n-forward message-based;
- | store-n-forward file-based;
- | real-time message-based;
- | ~~real-time file-based~~.

44 EUROSISTEM UPDATE [internal review]: page 37 (CLM UDFS-chapter 2.5 Communication between CLM and CLM Actors); Correction of inconsistency between ESMIG and CLM UDFS

Correction of inconsistency between ESMIG and CLM UDFS
--

CLM UDFS-chapter 2.5 Communication between CLM and CLM Actors, page 37

Table 3 – Deduction of PTA

CLM business data exchanges	Communication channel	Deduction of PTA
[...]		
Responses to queries	Real-time message, real-time file : in case of time out store-n-forward message, store-n- forward file	[...]

45 EUROSISTEM UPDATE [JIRA CSLD-0687]: page 44 (CLM UDFS-chapter 3.1.5 Blocking/unblocking party); Impact of blocking a payment bank on party level on standing facilities accounts

T2 Actor needs clarity if in case of blocking a party the standing facilities accounts of this party will be blocked as well. As this is not the case, it will be clearly described in the UDFS that in case a payment bank is blocked on party level, the standing facilities accounts of this party are not blocked automatically. This has to be done separately.
--

CLM UDFS-chapter 3.1.5 Blocking/unblocking party, page 44

As soon as a payment bank is blocked at party level, all cash accounts belonging to that payment bank across all

~~settlement services are blocked too. However, the blocking of a payment bank on party level does not automatically block the standing facilities accounts of this party. This has to be done separately all linked cash accounts across all settlement services are blocked too.~~

46 EUROSYSTEM UPDATE [internal review]: page 41 (CLM UDFS-chapter 3.1.2 Concept of party in CLM); Relationship between party and party type

Clarification on relationship between party and party type
--

CLM UDFS-chapter 3.1.2 Concept of party in CLM, page 41

[...]

Each party belongs to (only) one of the following party types according to the above-mentioned hierarchical party model:[...]

47 EUROSYSTEM UPDATE [internal review]: page 41 (CLM UDFS-chapter 3.1.2 Concept of party in CLM)

Payment banks represent CLM Actors that own MCAs. Payment banks are responsible for their own liquidity management and have to make sure that sufficient liquidity is available in the different settlement services that they use. They are responsible for instructing ~~cash~~ liquidity transfers and monitoring the liquidity usage. However, the set-up and maintenance of the MCAs is done by CBs upon request of the respective payment bank.

48 EUROSYSTEM UPDATE [internal review]: page 46 (CLM UDFS-chapter 3.2.1 Account types); One-to-one link between default MCA and RTGS DCA

Additional information on one-to-one link between default MCA and RTGS DCA
--

CLM UDFS-chapter 3.2.1 Account types, page 46

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

49 EUROSYSTEM UPDATE [JIRA CSLD-0214]: page 47 (CLM UDFS-chapter 3.2.1 Account types); Use cases for Default CLM CB Account

More granular description on use cases for Default CLM CB Account

CLM UDFS-chapter 3.2.1 Account types, page 47

CBs may open multiple CLM CB accounts, e.g. to dedicate them for standing facility interests, minimum reserve interests and penalties or other interests. There are no restrictions for additional CLM CB accounts. When opening many CLM CB accounts for one central bank, one has to be marked as default. The default CLM CB Account is used ~~in case of automated internal processing for debiting and crediting.~~ for the following cases:

- In case of closure of accounts the remaining or missing liquidity for the account to be closed is transferred by an emergency liquidity transfer to/from default CLM CB Account (see chapter 3.2.6).
- All interest payments related to overnight deposit and marginal lending are processed via this account (if no specific account is configured).
- All interest and penalty payments related to minimum reserve management are processed via this account (if no specific account is configured).
- For other interests (if no specific account is configured)
- After the go-live of ECMS it is also foreseen to process all automatic marginal lending payments via this account.

50 EUROSYSTEM UPDATE [internal review]: page 50 (CLM UDFS-chapter 3.2.3 Functionalities); Floor/Ceiling rule-based Liquidity Transfers

Editorial change

- I a rule-based intra-service liquidity transfer order between two CLM accounts belonging to a CB:
 - to pull an amount of liquidity ~~from~~ to a CLM CB Account subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that CLM CB Account from an MCA belonging to a CB;
 - to push an amount of liquidity ~~to~~ from a CLM CB Account subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that CLM CB Account to an MCA belonging to a CB;
 - to pull an amount of liquidity ~~from~~ to an MCA belonging to a CB subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that MCA from a CLM CB Account;
 - to push an amount of liquidity ~~to~~ from an MCA belonging to a CB subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that MCA to a CLM CB Account.

51 EUROSISTEM UPDATE [internal review]: page 50 (CLM UDFS-chapter 3.2.3 Functionalities); Floor/Ceiling rule-based Liquidity Transfers

Editorial change

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

- I For the creation of a rule-based inter-service liquidity transfer the definition of an “Account to be credited for ceiling breach” and/or an “Account to be debited for floor breach” in CRDM is mandatory. Those accounts have to be RTGS DCAs or RTGS CB accounts. For further details see CRDM UDFS chapter “*Account Threshold Configuration*”.

[...]

In case of set-up of a rule-based liquidity transfer order between an MCA and an RTGS DCA both accounts can belong to different parties.

52 EUROSISTEM UPDATE [JIRA CSLD-0768]: page 51 (CLM UDFS-chapter 3.2.3 Functionalities); Report configuration by a co-manager for the co-managed account

Adding the option for the co-manager to configure a report for the co-managed account

CLM UDFS-chapter 3.2.3 Functionalities, page 51

Co-management

[...]

Co-management allows a CLM Account Holder or a CLM CB Account Holder (i.e. the co-manager) to manage the MCAs of other CLM Account Holders (i.e. co-managed accounts). This means that the co-manager can e.g.:

- [...]
- set up message subscriptions and report configuration in CRDM related to the co-managed accounts;

53 EUROSISTEM UPDATE [internal review]: page 51 (CLM UDFS-chapter 3.2.3 Functionalities); Behaviour of CB Account

Clarification on behaviour with regard to CB Accounts

CLM UDFS-chapter 3.2.3 Functionalities, page 51

[...]

In case of set-up of a rule-based liquidity transfer order between two MCAs both accounts can belong to different parties but need to belong to the same Liquidity Transfer Group. There are no such restrictions where a CB Account is involved.

54 EUROSISTEM UPDATE [internal review]: page 54f. (CLM UDFS-chapter 3.2.6 Closing of accounts still containing a balance); information on use case

Clarifying information on use case

CLM UDFS chapter 3.2.6 Closing of accounts still containing a balance, page 54f. In case ~~an account~~:

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

then CLM will generate a cash liquidity transfer in the ~~EoD phase~~ Start of EoD processing.

On one side empties the position on the account (zero balance). 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"). *[Link will be set-up]*

If the CLM account has a negative balance, the debtor and creditor sides are changed within this cash transfer.

This applies to all kind of cash accounts.

~~The same procedure applies:~~

- I ~~in case there is an account to be closed with negative balance due to a granted credit line. In this case the debtor and creditor side is changed within the liquidity transfer;~~
- I ~~to linked marginal lending and overnight deposit accounts still having a balance after the "CB cut-off for marginal lending on request".~~

55 EUROSISTEM UPDATE [JIRA CSLD 0377]: page 56 (CLM UDFS-chapter 3.3 Static data configuration for minimum reserve management and interest calculation); Minimum reserve maintenance in "pool" mode

Adding information on minimum reserve management with regard to "pool" mode

CLM UDFS-chapter 3.3 Static data configuration for minimum reserve management and interest calculation, page 56

Table 7 Minimum reserve management at party service link level

Attribute	Mandatory/Optional	Values	Definition
Minimum reserve obligation	Mandatory	Direct Pool Indirect No	[...] Must be set to "Indirect" <u>or</u> "Pool" if the party service type is "Institution managing minimum

			reserve without account in CLM". [...]
[...]			

56 EUROSYSTEM UPDATE [internal review]: page 53 (CLM UDFS-chapter 3.2.4 Messaging)

Report configuration

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

In addition, each report configuration defines the possible recipients, which can be either the report owning party itself, the responsible CB or any other party (e.g. a co-manager). This information is defined at the level of the cash account and it is up to the CLM Actor to set up and maintain the report configuration in CRDM.

Further information on the report generation is provided in chapter CLM report generation [□ 150] .

~~Note: Specifiers for U2A only CLM Account Holders are described in the UHB.~~

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

Groups are set up and managed exclusively in CRDM.
--

Groups are used to cluster parties or accounts for different business purposes. It is possible to set up and maintain a Liquidity Transfer Group, a Banking Group and an Account Monitoring Group in ~~CLM~~ CRDM.

The following table summarises the configuration responsibilities for each reference data object related to groups in ~~CLM~~ CRDM and specifies the required communication mode:

[...]

Table 9 - Set-up of groups for CLM

Further details on the set up of the various groups are provided in the CRDM UHB.

58 EUROSISTEM UPDATE [internal review]: page 59,60 (CLM UDFS-chapter 3.4 Types of groups)

Account Monitoring Group and Banking Groups are set up in CRDM and used in CLM.

[...]

Banking Group

A Banking Group is an optional group of parties which can be used in CLM. [...]

CBs can set up a Banking Group and specify the name of this group in CRDM.

[...]

Account Monitoring Group

An Account Monitoring Group is an optional group of accounts (MCA(s) and DCA(s)) which can be used in CLM.

[...]

Payment banks can set up an Account Monitoring Group and specify the name of this group in CRDM.

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

Account Monitoring Group and Banking Groups are set up in CRDM and used in CLM.

[...]

Account Monitoring Group

The leader party of the Account Monitoring Group has to be an account holder in CLM. It can ~~afterwards~~ be changed in case of need by the responsible CB.

60 EUROSISTEM UPDATE [internal review]: page 66 (CLM UDFS-chapter 3.6 Interaction between CLM and CRDM)

Clarification that CBs have to ensure correct set-up of reference data
--

[...]

As far as CLM is concerned, reference data set-up and maintenance operations are performed in CRDM with the exception of changes on local data which are performed in CLM directly. The Central Banks have to ensure the correct set-up of reference data in CRDM.

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

Amendment within table 16 - Events and processes at the start of settlement window for CBOs

Creating of automated liquidity transfers	CLM starts creating automated liquidity transfers to pull missing liquidity from linked RTGS DCAs (<u>linked through the Associated Liquidity Transfer Account Attribute</u>) in case of queued/pending CBOs.
---	---

62 EUROSISTEM UPDATE [internal review]: page 79 (CLM UDFS-chapter 4.4.3 Maintenance window)

Editorial change, adding non-optional or optional maintenance window
--

[...]

Non-optional maintenance window

On all business days after T2 closing days, including every business day Monday a non-optional maintenance window is conducted. The non-optional maintenance window starts with the event *Start of non-optional maintenance window* at a planned time of 02:30 CET on the closing day, e.g. Saturday, and ends with the event *End of non-optional maintenance window* at a planned time of 02:30 on the next working day.

Optional maintenance window

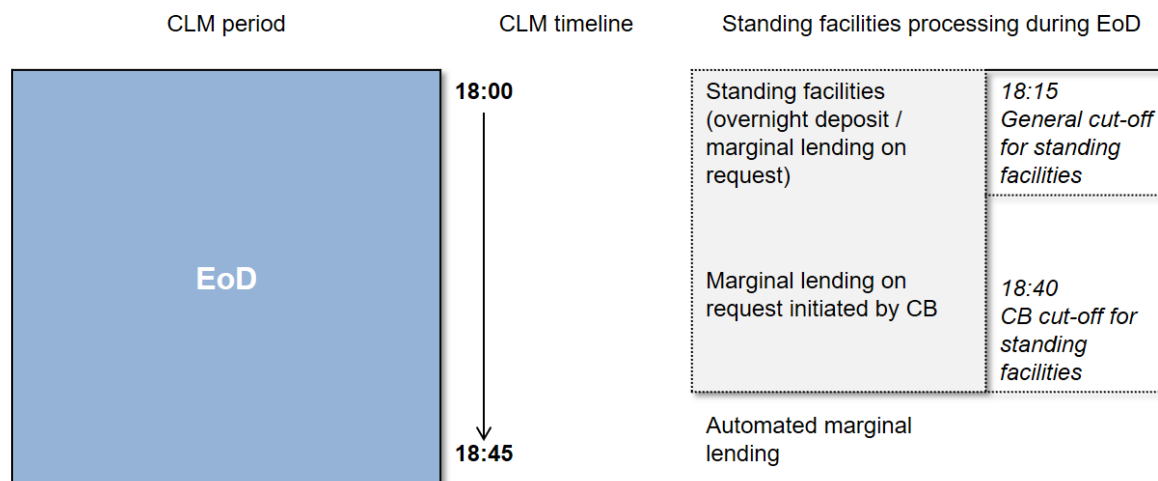
On all other business days the maintenance window is activated on an optional basis. When activated, the optional maintenance window starts with the event *Start of optional maintenance window* at a planned time of 03:00 CET and ends with the event *End of optional maintenance window* at a planned time of 05:00 CET.¹

63 EUROSISTEM UPDATE [internal review]: page 80f (CLM UDFS-chapter 4.4.4 End-of-day period 18:00 – 18:45 CET); Event naming

Changing of event name

CLM UDFS-chapter 4.4.4 End-of-day period 18:00 – 18:45 CET), page 80f.

Figure 1 - Standing facilities processing during EoD



[...]

CB cut-off for ~~marginal lending on request~~ standing facilities

Until the launch of ECMS, CBs are able to insert requests for marginal lending until the event *CB cut-off for ~~marginal lending on request~~ standing facilities*. The planned time for this event is 18:40 CET. On the last business day of the minimum reserve maintenance period, the planned time is 18:55 CET.

[...]

Table 8 - Events and processes during EoD

CLM processes/EoD cut-offs	Events and description of the processes
[...]	
CB cut-off for marginal lending on request <u>standing facilities</u>	Event(time-based): <i>CB cut-off for marginal lending on request <u>standing facilities</u></i> Planned 40 minutes after <i>Cut-off for CLM RTS</i> (+additional 15 minutes at the last business day of the minimum reserve maintenance period)

64 EUROSYSTEM UPDATE [JIRA CSLD-0669]: page 87 (CLM UDFS-chapter 5.1.2 Technical validation); Validation rule errors

The meaning of the term “validation rule errors” has been questioned and it has been asked for the reference of the validation rule publication. The reference for all technical and business validation rules is the UDFS, including the spreadsheet published on the ECB Website. The excel which can be downloaded from MyStandard can help the reader understand the elements of the message on which rules are applied, but it is not the reference in terms of validation rules: it may reference rules which are not implemented by T2. MyStandard (online screens or spreadsheet, which are equivalent) is the reference in term of the format definition: message structure and element multiplicity.

CLM UDFS-chapter 5.1.2 Technical validation, page 87

[...] that reports the error(s) to the submitting actor when the technical validation fails. Chapter Index of validation rules and error codes provides further information on the business rules and the respective error codes for files and messages. [Link to chapter 13 Validation rules]

65 EUROSYSTEM UPDATE [internal review]: page 87 (CLM UDFS-chapter 5.1.3 Business validation)

The business validation is the process ensuring that the information in a message is correct for ~~settlement or execution~~ further processing.

66 EUROSYSTEM UPDATE [Internal review]: page 87 (CLM UDFS-chapter 5.1.3 Business Validation); Clarification

[...]

~~In case of a cash transfer initiated via U2A, the failed validations are shown directly on the GUI screen.~~

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

67 EUROSYSTEM UPDATE [Internal review]: page 89 (CLM UDFS-chapter 5.3.1 Processing of CBOs); Clarification due to CR-0020

New footnote to be included.

Table 23 - CBOs in CLM

CBO type	Initiation via	Message
Update of credit line	A2A or U2A as task queue order	camt.998 - ModifyCreditLine
	Connected payment ^x (in case of direct debit A2A only)	pacs.009 - FinancialInstitutionCreditTransfer
[...]	[...]	[...]

^x After ECMS go-live, local CMS will no longer exist for EUR and therefore there is no longer a business case for connected payments to update the credit line by CBs.

68 EUROSISTEM UPDATE [internal review]: page 90 (CLM UDFS-chapter 5.3.1 Processing of CBOs)

Table 23 - CBOs in CLM

CBO type	Initiation via	Message
[...]	[...]	[...]
<p>Regular payment orders for interest payment orders linked to:</p> <ul style="list-style-type: none"> marginal lending (until go-live of the ECMS); overnight deposits; minimum reserves; excess reserves; <u>excess reserve – Tier 1</u> <u>excess reserve – Tier 2</u> <p>accounts subject to other purposes of interest calculation.</p>	Triggered automatically	-
[...]	[...]	[...]

**69 EUROSISTEM UPDATE [Impact of BANCO/MIB decision] page 90 (CLM UDFS-chapter 5.3
Cash transfer order processing)**

Proposal for updates in CLM and RTGS UDFS v2.2 to reflect the MIB/BANCO decision on cash operations in T2.
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Deletion and replacement of footnote

Table 23 - CBOs in CLM

CBO type	Initiation via	Message
[...]	[...]	[...]
Payment orders for: cash withdrawals ³² and lodgements <u>new footnote</u> ; monetary policy operations other than standing facilities including repay ³³ ; any other activity carried out by CBs in their capacity as CB of issue.	Payment order with credit transfer order for an interbank payment	pacs.009 - FinancialInstitutionCreditTransfer
	Payment order with direct debit order for an interbank payment (A2A only)	pacs.010 - FinancialInstitutionDirectDebit

~~³²⁻ For cash withdrawals, also a camt.050 may be used instead of a pacs.010. However, only using the pacs.010 will provide the full range of functionalities; in a camt.050 no dedicated payment type proprietary code information or other remittance information is possible and thereby the CBO reservation in CLM cannot be used.~~

new footnote For cash withdrawals and lodgements, also a camt.050 may be used instead of a pacs.010 or pacs.009. However, only using the pacs.010 or pacs.009 will provide the full range of functionalities; in a camt.050 no dedicated payment type proprietary code information or other remittance information is possible and thereby the CBO reservation in CLM cannot be used.

70 EUROSISTEM UPDATE [internal review]: page 98 (CLM UDFS-chapter 5.3.6 Modification of payment orders); Initiating CB

Clarification to indicate which CB is allowed to initiate the action
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CLM UDFS-chapter 5.3.6 Modification of payment orders, page 98

Table 27 Possible modification types in CLM

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

71 EUROSISTEM UPDATE [internal review]: page 99f. (CLM UDFS-chapter 5.3.8.1 Effective settlement order)

All cash transfer orders and liquidity-related tasks (reservation and orders to change the credit line) have the same priority by default. Nevertheless, in CLM it is acknowledged that the cash transfer orders and liquidity-related tasks ~~orders to change the credit line~~ serve different business needs. This requires a further categorisation within the same settlement priority, e.g. credit line decrease vs. liquidity transfer. The following table illustrates the effective settlement/execution order for debits on MCAs ~~with the same priority~~ and the execution of liquidity-related tasks decreasing the available liquidity on the MCA depending on the triggering business in CLM:

Table 28 - Effective settlement/execution order for debits and liquidity-related tasks decreasing the available liquidity on the MCA ~~within the same priority category~~

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

In case of incoming liquidity a pending CBO reservation increase is executed prior to a queued CBO.

72 EUROSISTEM UPDATE [internal review]: page 102f. (CLM UDFS-chapter 5.3.8.2 Entry disposition - Influencing factors for the settlement order); Editorial change

Clarification on account link added

- I reservation for CBOs, if applicable, induce preferential treatment of CBOs in the settlement order (In case the liquidity on the MCA is not sufficient and CBOs are queued/pending, CLM pulls liquidity from the linked RTGS DCA (linked through Associated Liquidity Transfer Account attribute) via an automated liquidity transfer order.);

73 EUROSISTEM UPDATE [internal review]: page 101 (CLM UDFS-chapter 5.3.8.2 Entry disposition - Influencing factors for the settlement order); Editorial change

Clarification on connected payments

- I Regular payment orders that cannot settle immediately are queued. The payment orders within the queue are then processed following the FIFO-principle. CBs can intervene on queued payment orders by:

- changing the set reject time;
- re-ordering of queued payment orders;
- revoking the queued payment orders.

! The FIFO-principle can be breached by a connected payment order decreasing the available liquidity, if the available liquidity is sufficient for the settlement of this order and no delta amount order to decrease the credit line is pending.

! CLM continuously attempts to settle the payment orders in the queue.

[...]

Settlement of cash transfer orders in the entry disposition

In case there is already a payment order queued (~~in all cases~~) or an order to decrease the credit line pending (~~in case of a connected payment~~), the submitted:

- ! payment order (in case of a regular payment, i.e. not a connected payment) is queued;
- ! ~~payment order (in case of connected payment) is rejected;~~
- ! immediate liquidity transfer order is rejected;
- ! standing-order liquidity transfer order is partially settled with the amount of zero;
- ! rule-based liquidity transfer order, due to floor configuration in RTGS or on another MCA within the same Liquidity Transfer Group or between two CLM accounts belonging to a CB is partially settled with the amount of zero.

In case of a submitted connected payment order the system behaviour differs in the following way:

- ! In case there is already a payment order queued, the submitted connected payment order is settled, if the available liquidity is sufficient (breach of FIFO-principle):
- ! In case there is already a delta amount order to decrease the credit line pending, the submitted connected payment order
 - - decreasing the available liquidity is rejected:
 - Not decreasing the available liquidity is settled.
- ! In case there is already a fixed amount order to decrease the credit line pending, the pending fixed amount credit line order is rejected, if the available liquidity is sufficient for the settlement of the submitted connected payment order.

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

74 EUROSISTEM UPDATE [internal review]: page 103 (CLM UDFS-chapter 5.3.8.2 Entry disposition – Queued/pending CBOs); Editorial change

Clarification on account link added

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

75 EUROSISTEM UPDATE [CSLD-0683-URD Editorial]: page 109 (CLM UDFS-chapter 5.4.1 Available liquidity); Editorial change

Explicitly stating that the intraday credit allowance of an MCA Account Holder is not checked by CLM

[...]

The available liquidity on an MCA is defined as follows:

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

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

76 EUROSISTEM UPDATE [CSLD-0023-URD Editorial]: page 110 (CLM UDFS-chapter 5.4.2.1 Overview); Editorial change

CLM CB accounts added as possible combination for rule-based Liquidity Transfers. Changes based on CLM UDFS 2.1 including CR0045 addendum document

- l transfer liquidity between different MCAs in CLM (intra-service liquidity transfer orders and rule-based liquidity transfer orders within a defined Liquidity Transfer Group [] Error! Bookmark not defined.);
- l transfer liquidity between an MCA and a CB Account (in CLM, RTGS or T2S; including rule-based liquidity transfer orders from/to RTGS CB Accounts and CLM CB Accounts);

77 EUROSYSYSTEM UPDATE [internal review]: page 110 (CLM UDFS-chapter 5.4.2.1 Overview);
Editorial change

Editorial change

- I transfer liquidity between an MCA and an overnight deposit account when related to overnight deposit, overnight deposit reverse and overnight deposit refund (further details on overnight deposit can be found in chapter Overnight deposit [] **Error! Bookmark not defined.**);

78 EUROSYSYSTEM UPDATE [internal review]: page 110 (CLM UDFS-chapter 5.4.2.1 Overview);
Editorial change

Editorial change and a footnote to be added. Deletion of one bullet due to redundancy. Changes based on CLM UDFS 2.1 including CR0045 addendum document

- I ~~transfer-receive~~ liquidity ~~between on~~ an overnight deposit account ~~and from~~ one of the following cash accounts held in a different settlement service: RTGS DCA, T2S DCA(1), TIPS Account, RTGS CB account, T2S CB account or RTGS sub-account;
 - I ~~transfer liquidity from any CB account to an overnight deposit account;~~
- (1) footnote to be added stating : Functionalities mentioned here will change subject to approval of CR0058

79 EUROSYSYSTEM UPDATE [internal review]: page 110 (CLM UDFS-chapter 5.4.2.1 Overview);
Editorial change

Editorial change adding a clarification on the involved accounts
--

- I transfer liquidity between an MCA and a Marginal Lending Account related to marginal lending on request (until the go-live of the ECMS; further details on marginal lending on request can be found in chapter Marginal lending on request [] **Error! Bookmark not defined.**);

80 EUROSYSYSTEM UPDATE [internal review]: page 111 (CLM UDFS-chapter 5.4.2.1 Overview);
Editorial change

Change of order within the listing to increase readability. Deletion of statements that are redundant with the newest UDFS version as mentioned in other points

- I transfer liquidity between an MCA and an RTGS sub-account;
- I transfer liquidity between an MCA and a T2S DCA or a TIPS Account;
- I ~~transfer liquidity between a CLM CB Account and an RTGS CB Account (rule-based liquidity transfer orders);~~
- I transfer liquidity between a CLM CB account and a T2S CB account

- ~~I transfer liquidity between an RTGS DCA belonging to a CB and a CB Account (rule-based liquidity transfer orders);~~
- ~~I transfer liquidity between an MCA and a DCA in T2S or a TIPS Account~~

81 EUROSISTEM UPDATE [internal review]: page 111 (CLM UDFS-chapter 5.4.2.1 Overview); Editorial change

Change of order within the listing to increase readability. Deletion of footnote 35 and inclusion of a new footnote

- I transfer liquidity from a CB Account in CLM to an RTGS DCA, a T2S DCA, a TIPS Account or an RTGS sub-account.
- I transfer liquidity from an RTGS DCA/T2S DCA/TIPS Account, an RTGS CB Account, a T2S CB Account or an RTGS sub-account to one of the following cash accounts held in a different settlement service: RTGS DCA, T2S DCA, TIPS Account, RTGS CB account, T2S CB account, RTGS sub-account. The settlement of such liquidity transfers does take place on the relevant transit accounts in CLM only(1);
- ~~I transfer liquidity from a CB Account in CLM to an RTGS DCA, a T2S DCA, a TIPS Account or an RTGS sub-account.~~

Deletion of footnote 35 as TIPS CR is already approved

(1) footnote to be added stating : Functionalities mentioned here will change subject to approval of CR0058

82 EUROSISTEM UPDATE [internal review]: page 111 (CLM UDFS-chapter 5.4.2.1 Overview); Editorial change

Alignment of table 34 - Liquidity transfer order types to include information on account link

Liquidity transfer type	Description
Immediate liquidity transfer order	Immediate transfer of liquidity initiated by the account holder or another authorised CLM Actor in A2A or U2A
Automated liquidity transfer order	Transfer of liquidity initiated by CLM sent to RTGS in order to transfer liquidity from the linked RTGS DCA (<u>linked through the Associated Liquidity Transfer Account attribute</u>) due a queued/pending CBO

83 EUROSISTEM UPDATE [internal review]: page 113 (CLM UDFS-chapter 5.4.2.2 Initiation of liquidity transfers); Editorial change

Alignment of table 36 - Message types for initiation of liquidity transfer orders with liquidity transfer overview

CLM CB Account Holder	<ul style="list-style-type: none"> Intra-service liquidity transfer order from a CB Account to an MCA or an overnight deposit account Inter-service liquidity transfer order (push) from a CB Account to an RTGS DCA, a T2S DCA, a TIPS Account, a CB account in the relevant settlement service or an RTGS sub-account 	LiquidityCreditTransfer (camt.050)
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84 EUROSISTEM UPDATE [URD-UDFS alignment]: page 115 (CLM UDFS-chapter 5.4.2.4.1 Immediate inter-service liquidity transfer from a CLM Account to a dedicated account in a different settlement service); Editorial change

Alignment to CLM.CB.UR.CBS.ODREV.020.030 and liquidity transfer overview chapter

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

85 EUROSISTEM UPDATE [internal review]: page 117 (CLM UDFS-chapter 5.4.2.4.2 Immediate intra-service liquidity transfer between two CLM Accounts); Editorial change

Editorial change

CLM UDFS-chapter 5.4.2.4.2 Immediate intra-service liquidity transfer between two CLM Accounts, page 117

A CLM Account Holder can transfer liquidity from one CLM Account to another CLM Account ~~MCA~~. In case of a liquidity transfer from one MCA to another MCA, both MCAs have to be in the same Liquidity Transfer Group in order to settle such intra-service liquidity transfer order.

86 EUROSYSTEM UPDATE [internal review]: page 120f. (CLM UDFS-chapter 5.4.3.1 Automated liquidity transfer due to queued/pending CBO); Editorial change

Incorporation of additional information on account link

In case the available liquidity on the MCA is not sufficient to settle a CBO or to execute the seizure of funds or to reduce the credit line, CLM creates an automated liquidity transfer order in order to pull the missing liquidity from the RTGS DCA linked through the Associated Liquidity Transfer Account attribute in CRDM to the respective MCA.

In case of insufficient liquidity on the RTGS DCA, the automated liquidity transfer order is queued in RTGS.

In such a scenario any incoming liquidity (up to the required amount) on the RTGS DCA is transferred stepwise to the MCA in CLM until the original amount of the automated liquidity transfer order (i.e. the amount needed to settle the queued/pending CBO(s) or to execute the seizure of funds or to reduce the credit line in CLM) is completely settled during the settlement window for liquidity transfer orders (see [CLM RTS period \(19:00 - 18:00 CET\)](#) **[Error! Bookmark not defined.]**).
[...]

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

87 EUROSYSTEM UPDATE [internal review]: page 123 (CLM UDFS-chapter 5.4.3.2.2 Effect of tapping of liquidity reservation – Basic principle of liquidity tapping); Editorial change

Incorporation of additional information on account link

CLM provides the opportunity to reserve a dedicated amount of liquidity for CBOs. The definition of a reservation determines the sequence of liquidity on how the liquidity on the account is used to settle CBOs. In case the liquidity on the MCA is not sufficient and CBOs are queued/pending, CLM pulls liquidity from the linked RTGS DCA (linked through the Associated Liquidity Transfer Account attribute) via an automated liquidity transfer order.

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

The floor/ceiling threshold is checked after the successful settlement of a payment order, the successful execution of a credit line modification, the successful execution of a seizure of funds reservation or the successful execution of a CBO reservation (ceiling only). ~~(CBO)~~ This check verifies if the available liquidity on the MCA or CB Account falls below the floor amount or exceeds the ceiling amount.

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

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

I in A2A mode (via ReturnAccount (camt.004); Process CLM floor and ceiling);

I in U2A an ~~error message~~ a broadcast will be displayed as an alert (see CLM UHB).

[...]

90 EUROSYSTEM UPDATE [internal review]: page 128 (CLM UDFS-chapter 5.4.3.3.3 Breach of floor/ceiling threshold – rule-based liquidity transfer)

Editorial change – enumeration of sub chapter amended

– the target amount for ceiling is independent from the target amount of the floor threshold and could be the same.

42. or a rule-based intra-service liquidity transfer with the following characteristics:

| in case of a breach of the floor threshold, a certain amount is pulled from another MCA within the same Liquidity Transfer Group or a CB Account and credited on the MCA or CB Account subject to the floor configuration:

91 EUROSYSTEM UPDATE [internal review]: page 128 (CLM UDFS-chapter 5.4.3.3.3 Breach of floor/ceiling threshold – rule-based liquidity transfer)

– the target amount for ceiling is independent from the target amount of the floor threshold and could be the same.

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

In case the amount reserved for CBOs is higher than the predefined target amount after a ceiling breach, the amount reserved for CBOs is used as target amount for the calculation of the transfer amount.

After the successful execution of either an inter-service or an intra-service liquidity transfer, the available liquidity on the MCA or CB is within the boundaries of the floor or ceiling amount again.

92 EUROSISTEM UPDATE [internal review]: page 134 (CLM UDFS-chapter 5.6.1 Overnight deposit)

Editorial change – alignment of possible account combinations and inclusion of a new footnote

In order to set up an overnight deposit, a CLM Account Holder can transfer liquidity from its MCA, RTGS DCA, RTGS CB Account, T2S DCA, T2S CB Account(1), TIPS Account or RTGS sub-account to the relevant overnight deposit account. ~~In addition, an overnight deposit account may receive liquidity from any CB Account.~~ A CLM Account Holder can send several liquidity transfer orders to set up overnight deposits and the overall amount on the deposit account is increased accordingly.

(1) footnote to be added stating : Functionalities mentioned here will change subject to approval of CR0058

93 EUROSISTEM UPDATE [internal review]: page 135 (CLM UDFS-chapter 5.6.1 Overnight deposit)

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

- I an overnight deposit or reverse transaction request sent by the ~~CLM Account Holder or another party on its behalf~~ CB, the party linked to the account or the co-manager of the account linked to the party. in A2A using a liquidity transfer order;
- I manual input via U2A screen by the ~~CLM Account Holder or another party on its behalf~~ CB, the party linked to the account or the co-manager of the account linked to the party.

94 EUROSISTEM UPDATE [Internal review]: page 136 (CLM UDFS-chapter 5.6.2.2 Before launch of ECMS); Clarification due to CR-0020

[...]

A marginal lending on request is set up in the CB's CMS. The CMS either sends a liquidity transfer order via an A2A message to CLM or the responsible CB creates marginal lending on request manually via U2A. The settlement of the marginal lending on request takes place on dedicated marginal lending accounts in CLM. The MCA of the CLM Account Holder requesting the marginal lending on request is credited and the dedicated marginal lending account in CLM is debited.

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

95 EUROSYSTEM UPDATE [internal review]: page 151 (CLM UDFS-chapter 5.7.2.1 Concept); Addressee of CLM Repository

Clarification of addressee of CLM Repository
--

The respective business process is described in chapter Receive CLM report [□ 287].

~~Note: Specifiers for U2A only CLM Account Holders are described in the UHB.~~

Moreover a CLM Repository will be created each business day (at 17:00) in order to provide routing information for RTGScentral banks.

96 EUROSYSTEM UPDATE [internal review] page 152 (CLM UDFS-chapter 5.7.2.3 Report generation process)

Availability of the report in CLM

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

~~Note: Specifiers for U2A are described in the CLM UHB.~~

97 EUROSYSTEM UPDATE [JIRA CSLD-0598]: page 153 (CLM UDFS-chapter 5.7.2.3 Report generation process); Possibility to send camt.053 to two DNs on A2A push basis

A T2 Actor needs more information on the receipt of account statement messages by one or more technical addresses in A2A mode. Comprehensive information is provided to clarify the options possible.

CLM UDFS-chapter 5.7.2.3 Report generation process, page 153

Possible recipients of a report

[...]

A created report can be received by one or several receivers. For each recipient (according to the report configuration for the cash account) an own report message is created. Each report configured in push mode is sent in store-n-forward mode to the PTA that is defined in the routing configuration. As outlined in chapter 2.5 of the CLM UDFS, for reports each party can define through a conditional routing exactly one PTA deviating from the default routing the message shall be send to.

98 EUROSYSTEM UPDATE [internal review]: page 155 (CLM UDFS-chapter 5.7.3.3 Query management process for CLM)

No separate privilege is required for query "system time query".
--

Table 49 - Initiating queries for CLM

Query type	Initiation via GUI (U2A mode)	Initiation via XML message (A2A mode)
[...]	[...]	[...]
System time query	✕	X
[...]	[...]	[...]

99 EUROSYSTEM UPDATE [JIRA CSLD-0757]: page 155 (CLM UDFS-chapter 5.7.3.3 Query management process for CLM); Download of account statements

Clarification on download options for account statements
--

CLM UDFS-chapter 5.7.3.3 Query management process for CLM, page 155

[...]

The different types of queries in CLM are static regarding the set of selection parameters, which can be mandatory, optional or conditional.

Note: Account Statements can be downloaded by U2A only CLM Account Holder (i.e. when the party is set up as U2A-only in CRDM). The download is possible for up to 10 business days.

100 EUROSYSTEM UPDATE [internal review]: page 158 (CLM UDFS-chapter 5.10 Subscription for a debit or credit notification)

Table 52 - Business case description

Business case code for message subscription	Business case description (subject to camt.054 message subscription)
[...]	
Liquidity transfers	
LIIE	Immediate liquidity transfer = Inter-service

LIPU	Immediate LT – inter-service pull (via CLM-GUI)
LIIA	Immediate liquidity transfer = Intra-service (in case of RTGS incl. AS-related + SBTI)

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

Table 52 - Business case description

Business case code for message subscription	Business case description (subject to camt.054 message subscription)
[...]	
Marginal Lending	
AMLS	Automated <u>Automatic</u> marginal lending = Setting up connected payment
AMLR	Automatic marginal lending = Reimbursement connected payment
MLRS	Marginal lending on request = Setting up (till ECMS go-live)
MLRR	Marginal lending on request = Reimbursement (till ECMS go-live)
MLRV	Marginal lending on request = Reverse (till ECMS go-live)
MLIN	Marginal lending interest (till ECMS go-live)

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

Table 52 - Business case description

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

Overnight deposit	
ODSU	Overnight deposit = Setting up
ODRTV	Overnight deposit = Reverse transaction
ODRF	Overnight deposit = Refunding
ODIN	Overnight deposit = Interest

103 EUROSISTEM UPDATE [internal review]: page 163f. (CLM UDFS-chapter 6.2.1 Functional overview)

The DWH is a common component collecting business information and data derived from CLM and other settlement services and (common) components. The DWH supports business decisions by allowing data consolidation, data preparation and reporting at different aggregation levels.

[...]

The data is transmitted to the DWH from the settlement services and (common) components at the end of each business day. After the processing (data transformation and pre-calculations) of the transmitted data within the DWH, data of the previous business day is normally available in the DWH as of the start of the new calendar day.

[...]

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

104 EUROSISTEM UPDATE [internal review]: page 165f. (CLM UDFS-chapter 6.3 Billing; Clarifying cash transfer type)

[...]

the CB actor can:

- optionally receive consumption messages;
- receive its own invoices via A2A;
- access the system and query invoice data of its participants and manage manual corrections for the participants' invoices;
- access the system and view/download the created invoices (its own as system entity and the ones of its participants) in PDF format;
- optionally configure direct invoicing (i.e. direct sending of XML invoice from Billing to participant);

- optionally configure direct debiting (i.e. automated sending of a ~~debit liquidity transfer~~ payment order for the amount of the invoice) for the payments of its participants' invoices.

105 EUROSISTEM UPDATE [SHRD.UR.BDD.015]: page 172 (CLM UDFS-chapter 8.1 Role of CBs in CLM)

In the context of CLM, the CBs have the following tasks:

[...]

Table 53 - Tasks of the CBs

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

106 EUROSISTEM UPDATE [internal review]: page 174 (CLM UDFS-chapter 8.2.2 Central bank operations; Clarifying UDFS where information can be found)

Payment orders can be initiated by the CB in A2A mode. A CLM Repository is available for the CBs containing CLM MCA information to support the initiation of CBOs by a CB. Further details can be found in the CRDM UDFS, chapter CLM Repository.

107 EUROSISTEM UPDATE [internal review]: page 174 (CLM UDFS-chapter 8.2.3 Seizure of funds)

The sSeizure of funds reservation ensures that the respective amount is no longer available for the settlement of cash transfer orders or credit line modifications. [...]

108 EUROSISTEM UPDATE [internal review]: page 176 (CLM UDFS-chapter 8.2.3 Seizure of funds)

[...]

Only the CB is allowed to transfer the respective amount from the MCA to another cash account in CLM by using a direct debit payment order with a dedicated codeword ("BLKD").

109 EUROSYSYSTEM UPDATE [Internal review]: page 175 (CLM UDFS-chapter 8.3.1 Credit line modification); Clarification due to CR-0020

Clarification for CR 0020 and connected payments
--

Credit lines can be defined, modified or deleted in A2A mode (by sending a ModifyCreditLine (camt.998) - specific for CBs message via the local CMS²) or U2A mode (via a dedicated screen)

Two types of orders for modifying a credit line exist:

- l fixed amount credit line orders containing the new value of the credit in absolute figure;
- l delta amount credit line orders containing the delta between the new and the old credit line value.

Both types should generally not be used in parallel. Otherwise, the following restrictions apply for parallel usage.

- l Pending fixed amount decrease orders are rejected if any new credit line order (fixed or delta) or a connected payment order, which can be immediately settled, is submitted.

110 EUROSYSYSTEM UPDATE [Internal review, JIRA CSLD-0543]: page 176 (CLM UDFS-chapter 8.3.2 Connected payment); Clarification due to CR-0020

New footnote to be included.

A connected payment is a payment order initiated by the local CMS^x of the responsible CB. It can be used to trigger a change of the credit line and the parallel settlement of a payment amount on the same MCA. In case of a "pure" credit line change, the amount indicated in the connected payment is zero.

^x With the implementation of ECMS, local collateral management systems will no longer exist and therefore there is no longer a business case for connected payments to update the credit line by CBs.

±

The processing of connected payment orders is 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~~ standing facilities* and the *Start of CLM RTS* on the new business day, as well the time during the maintenance window.

Further details on the business day are provided in chapter [Business day](#) [**Error! Bookmark not defined.**].

Connected payments are not queued and can therefore not be revoked. In case of insufficient liquidity, this payment type is immediately rejected. If a connected payment is settled, any already pending fixed amount credit line modification is rejected. A connected payment order decreasing the available liquidity is rejected, if a delta amount credit line modification is already pending.

² Credit line modifications in EUR using ModifyCreditLine (camt.998) from local CMS are only allowed until ECMS go-live.


Connected payment orders decreasing the available liquidity are able to breach the FIFO-principle, if the available liquidity is sufficient for the settlement of this order and no delta amount order to decrease the credit line is pending.

A connected payment order can only be settled if the available liquidity of an MCA is still positive after the liquidity change due to the connected payment. The liquidity change is the sum of the balance change and the credit line change. Consequently, a connected payment with a balance decrease of "10" and a credit line increase of only "5" results in a liquidity change of "-5" and is therefore not possible on an MCA with a previous available liquidity of "0" (i.e. the available liquidity would be negative after the connected payment execution and thus the validation fails).

111 EUROSISTEM UPDATE [internal review]: page 183 (CLM UDFS-chapter 8.5.3 Numeric examples; Editorial change)

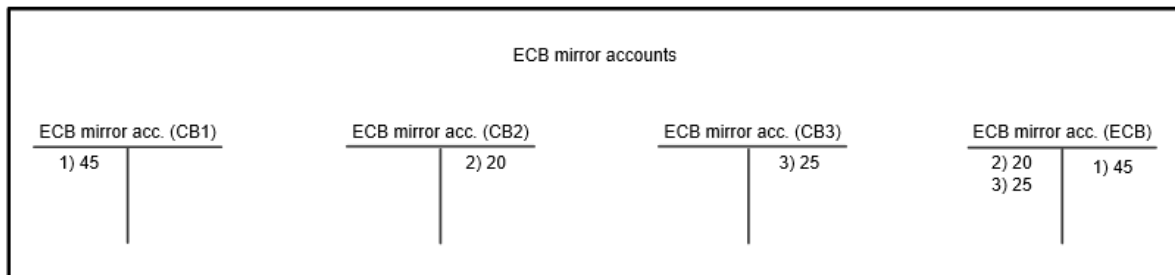
Figure 35 Transactions settled in TIPS and related EoD balances

Last column "Bank D" changed to "Bank E"

<div>  </div>						
Previous business day (D-1)	Transactions on TIPS side					
		Bank A	Bank B	Bank C	Bank D	Bank E
	responsible Central Bank	CB 1	CB 1	CB 2	CB 2	CB 3
	Closing balance	55	200	20	60	35
	Σ of all closing balances per CB	255		80		35
Current business day (D)		+20			-20	
			-80	+80		
		-10				+10
			+25	-25		
					-15	+15
	Closing balance	65	145	75	25	60
	Σ of all closing balances per CB	210		100		60

112 EUROSISTEM UPDATE [internal review]: page 184 (CLM UDFS-chapter 8.5.3 Numeric examples; Editorial change)

Figure 37 Settlement on ECB mirror accounts



On “ECB mirror acc. (CB2)” posting changed from left to right side

113 EUROSISTEM UPDATE [internal review]: page 185 (CLM UDFS-chapter 8.6 Query management - CB specific queries)

The information on the GL query is not consistent and must be adapted. See also chapter 9.25.1.2 Messages.

Table 55 - List of CB specific queries

Query type	Initiation via GUI (U2A mode)	Initiation via XML message (A2A mode)
[...]	[...]	[...]
General Ledger query (CB only)	X	X
Liquidity on Banking Group level query	X	-
Liquidity on Banking Group level query (activated only upon crisis managers decision)	X	-
Minimum reserve requirements per leading CLM Account Holder query	X	X
Minimum reserve of a banking community query	X	X <u>new footnote</u>
[...]	[...]	[...]

New footnote: In case a CB wants to receive data for its banking community, only the respective request type codes shall be used without further search criteria.

114 EUROSISTEM UPDATE [Internal review]: page 188 (CLM UDFS-chapter 8.9 Standing facilities - specific functions for CBs); Clarification due to CR-0020

[...]

However, a CLM Account Holder cannot set up marginal lending on request directly in CLM. Only the CB responsible for the CLM Account Holder can set up marginal lending on request by sending a liquidity transfer order via its local CMS or manually via U2A. After ECMS go-live, ECMS triggers marginal lending on request.

Until ECMS go-live, CBs can set up a marginal lending on request until 18:40 CET (with additional 15 minutes on the last day of the minimum reserve maintenance period).

115 EUROSISTEM UPDATE [internal review]: page 189 (CLM UDFS-chapter 8.11 ECONSII Contingency settlement)

~~ECONSII (Enhanced Contingency Solution II) represents a business component within the TARGET consolidation project. It represents the transition of the currently existing ECONSII component from TARGET2 to the consolidated platform. Therefore there are several functionalities from user point of view unchanged.~~

~~ECONSII (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). It will be activated by the operational team on the basis of a crisis manager's decision. ECONSII can run up to five business days in a row in case of need.~~

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

~~After the contingency session is closed On the last day where ECONSII is operating (ECONSII closing day), the balances remaining on the Contingency Accounts in ECONSII are transferred to CLM. ECONSII sends these balances via (a) modified "General ledger"/BankToCustomerStatement" message(s) (camt.053) (one for each currency)a file transfer from ECONSII to CLM takes place. This file contains all balances of accounts which were stemming from bookings in ECONSII. The booking of the balances within the file in CLM takes place on the ECONSII closing day when both business days (in ECONSII and CLM) are aligned again. As a consequence there are no postings from business days where CLM was disturbed (in case CLM was disturbed for more than one business day).~~

CBs have to adjust the balances for reserve management and standing facilities in case of need on the basis of the general ledger file message sent by ECONSII after having changed each business day in ECONSII.

After the processing of the file "General ledger"/BankToCustomerStatement" message in CLM ECONSII is automatically closed:

116 EUROSISTEM UPDATE [internal review]: page 190 (CLM UDFS-chapter 8.12 Contingency upload of A2A files and messages in U2A)

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

In this case it is possible that the respective CB uploads files or messages either on behalf of the participant or for its own use. This is possible via a dedicated GUI screen by using an uncompressed UTF-8 txt file with maximum size 32MB. There is no limitation in terms of messages envisaged. The upload itself follows the four-eyes principle, which means that two users have to upload the file or message independently from each other. There is a check done by the system that the checksum of both files/messages ~~is~~ are the same. In order to continue with the upload the DN of the sender (original sender, i.e. not the user who executes the upload), Business signature DN and the NSP have to be inserted. CLM executes the same validations, which it would execute in case of standard A2A channel delivery.

The message or file to be uploaded is does not need to be ~~not~~ signed. If a signature is present, it will not be checked by CLM.

117 EUROSYSYSTEM UPDATE [internal review]: page 200 (CLM UDFS-chapter 9.1.1 Description)

Internal enhancement

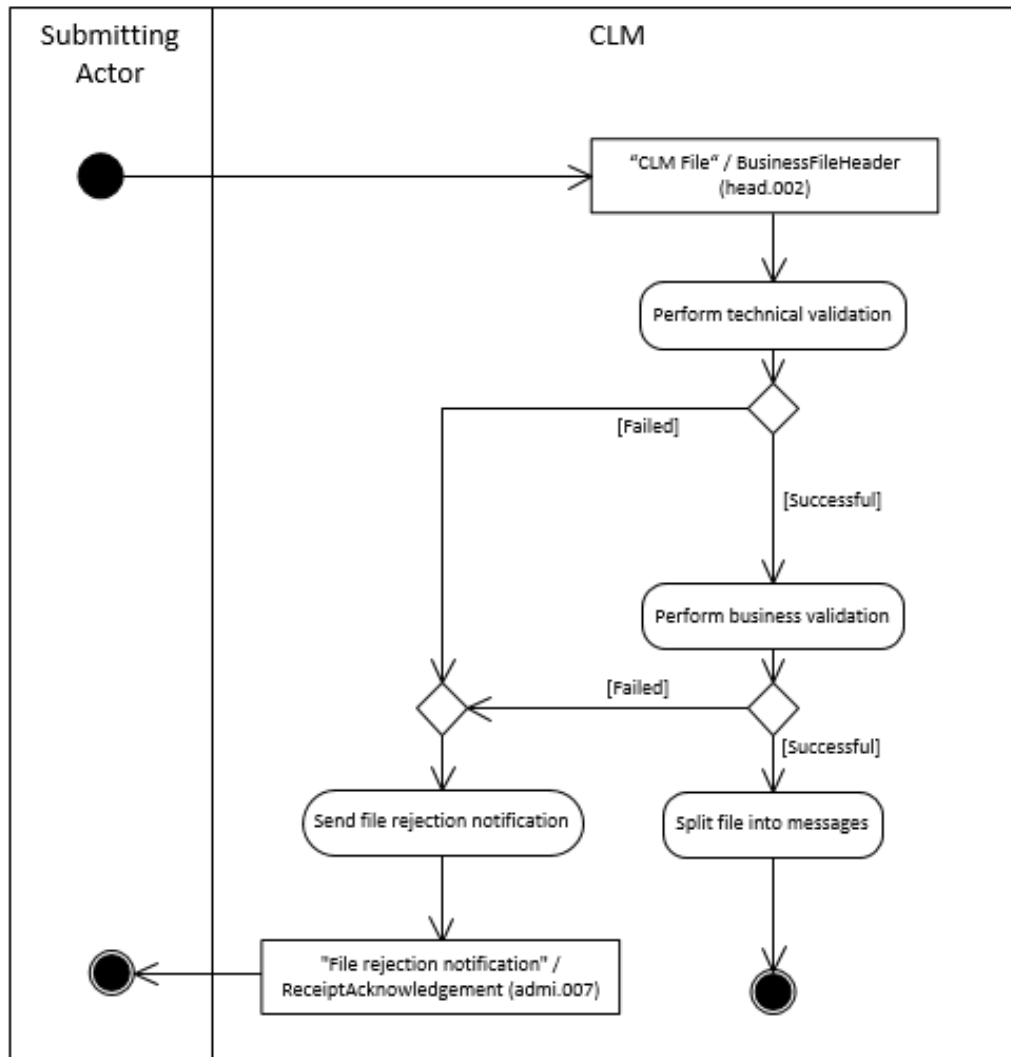


Figure 2 - Send CLM file

118 EUROSISTEM UPDATE [internal review]: page 199 (CLM UDFS-chapter 9.3.1 Description)

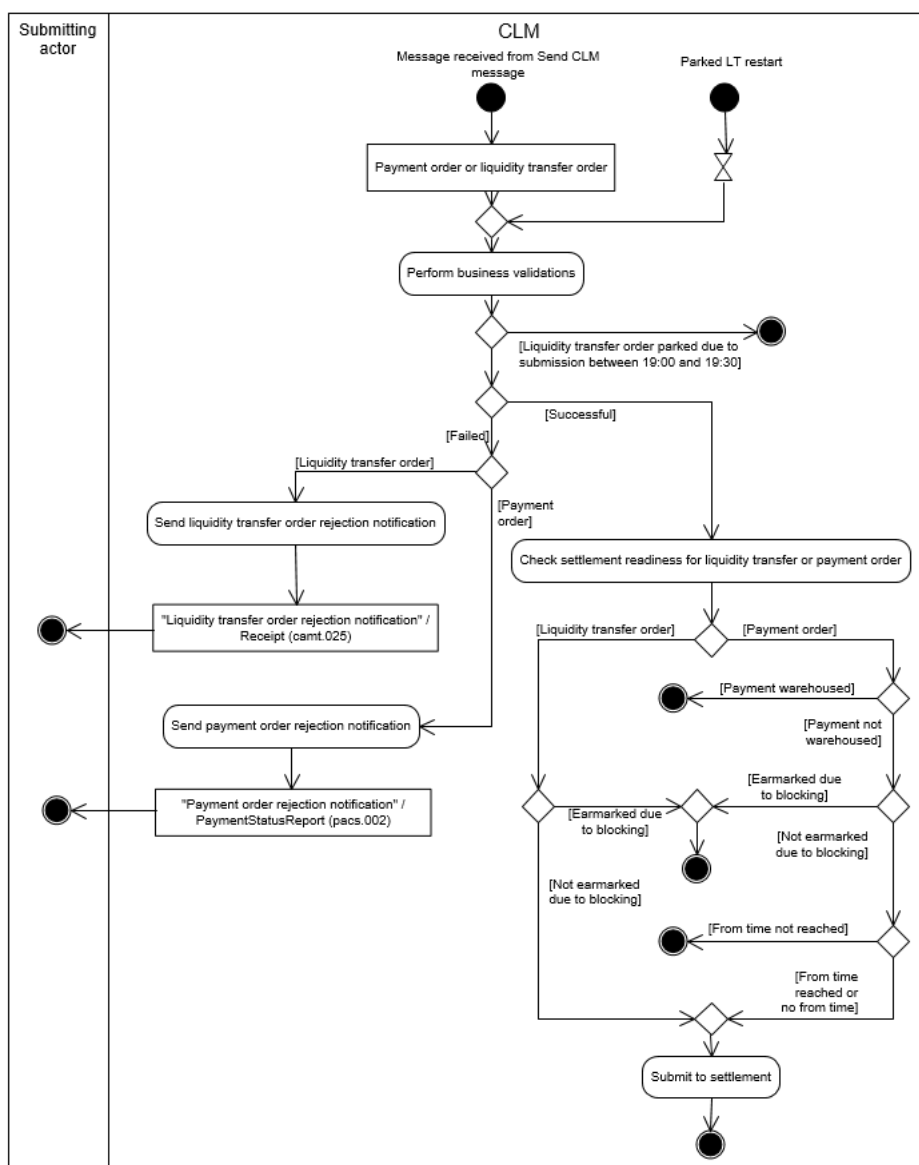


Figure 43 - Process CLM payment order and liquidity transfer order

This process receives an individual message from the [“Send CLM message”](#) process or it starts processing after restart of parked liquidity transfer orders and continues with the step “Perform business validations”.

Perform business validations

The process verifies the compliance of a payment order or liquidity transfer order against the business validation rules. At the beginning of business validation CLM checks if the individual message is a liquidity transfer order and if the system status allows processing or requires parking.

- ! **[Parked]** In case the liquidity transfer order is subject to parking, the processing terminates.

- **[Not parked]** In case the individual message is not a liquidity transfer order or the liquidity transfer order is not subject to parking, the step continues with business validation.

[...]

119 EUROSISTEM UPDATE [internal review]: page 202 (CLM UDFS-chapter 9.4 Perform CLM payment order revocation)

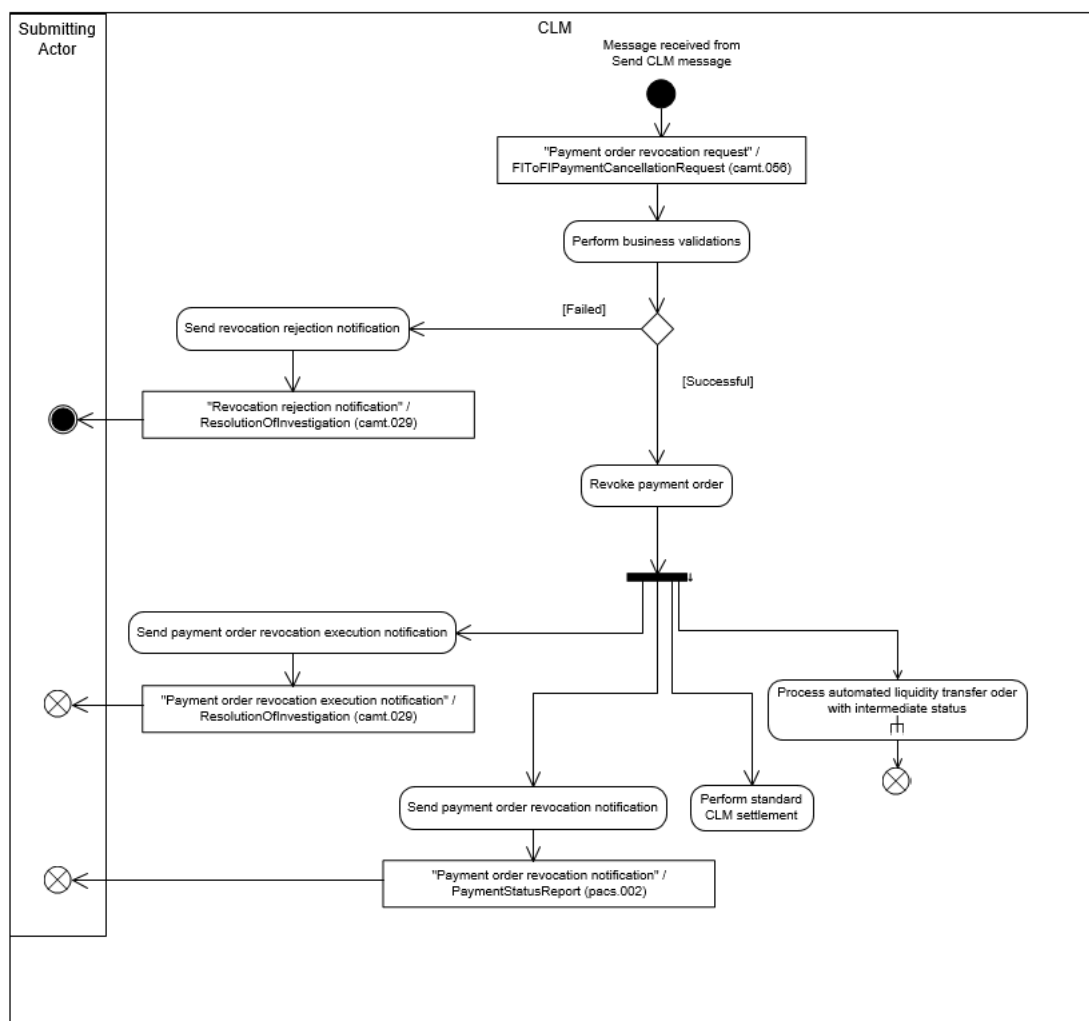


Figure 44 - Perform payment order revocation

120 EUROSISTEM UPDATE [internal review]: page 203 (CLM UDFS-chapter 9.4 Perform CLM payment order revocation)

Revoke payment order

The process step revokes the payment order and subsequently triggers in parallel the processing steps "Send

payment order revocation execution notification”, “Send payment order revocation notification” and the sub-processes Process automated liquidity transfer order with intermediate status [□ 220] and resolve queue from Perform standard ~~RTGS~~ CLM settlement. The standardized sub-process “Process automated liquidity transfer order with intermediate status” starts with a check if an automated liquidity transfer order exists, followed by a check on the needed liquidity for pending/queued CBOs before processing.

121 EUROSISTEM UPDATE [internal review]: page 204 (CLM UDFS-chapter 9.5 Execute CLM standing order)

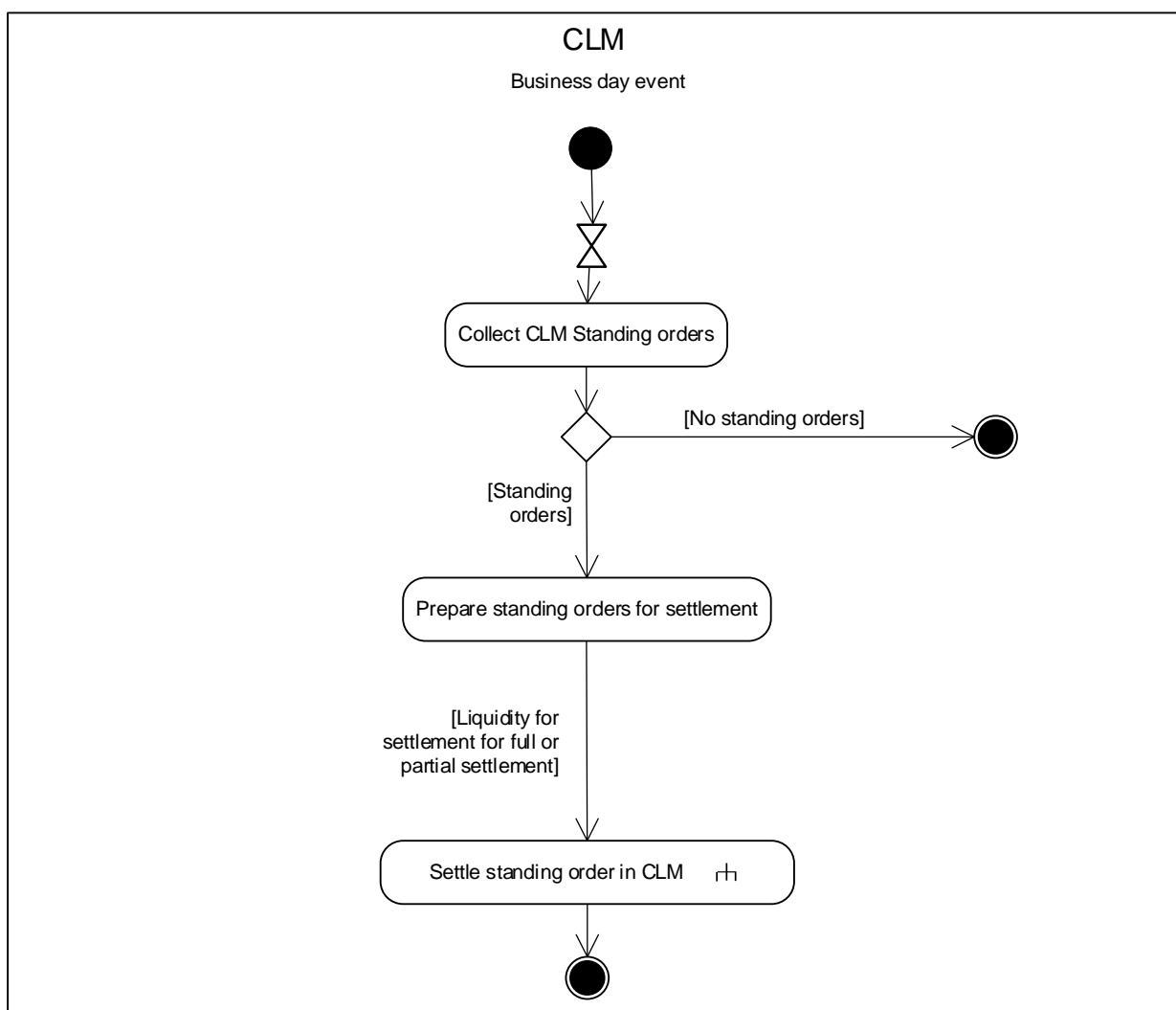


Figure 45 – Execute CLM standing order

122 EUROSYSYSTEM UPDATE [internal review]: page 206 (CLM UDFS-chapter 9.6 Settle standing order in CLM)

No notification on non-execution and addition of process automated liquidity transfer order with intermediate status in diagram

[..]

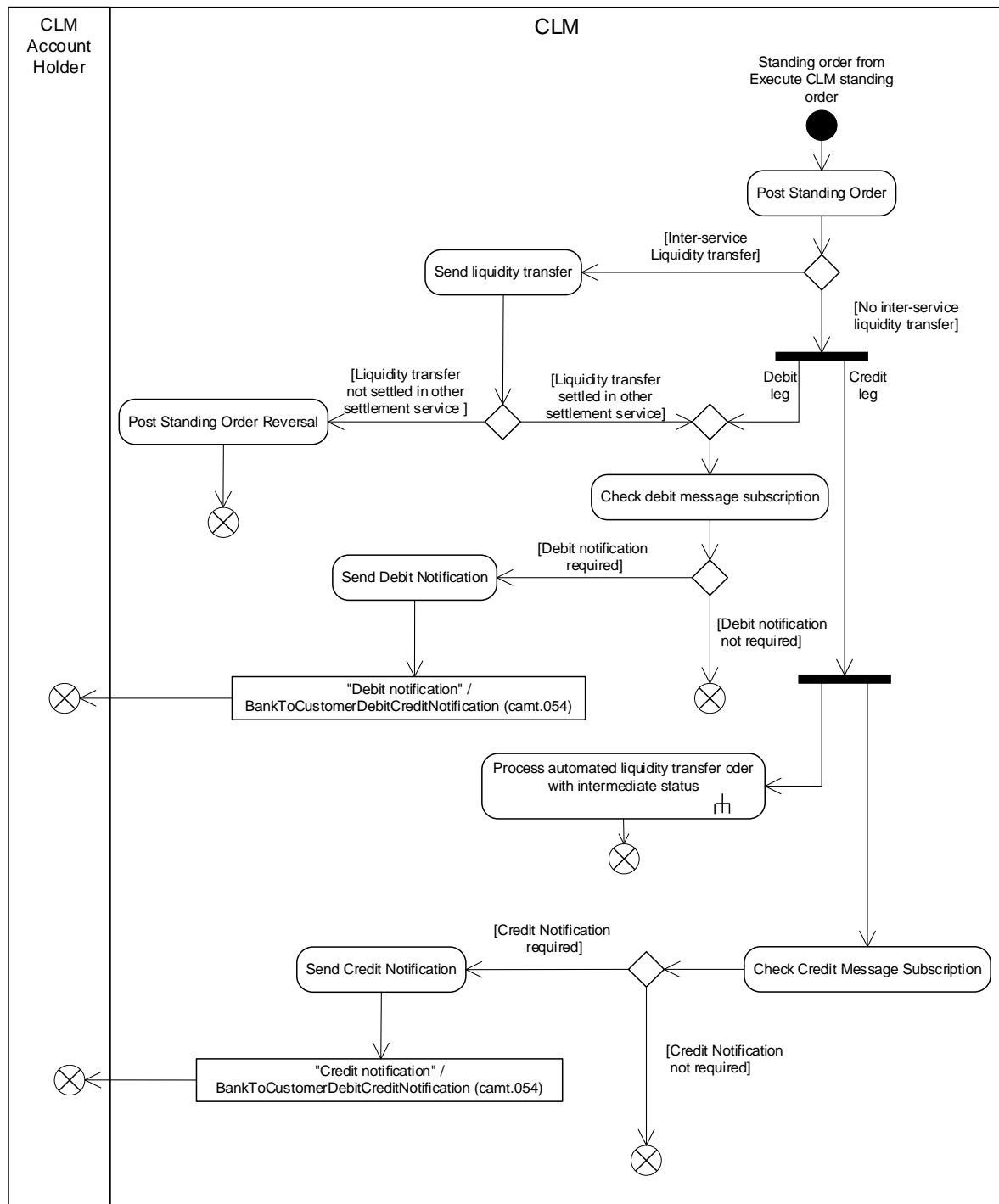


Figure 46 - Settle standing order in CLM

Send liquidity transfer

If the posting relates to an inter-service liquidity transfer order, then CLM sends a credit liquidity transfer to the respective settlement service. ~~Process inter-service liquidity transfer~~ The settlement of an inter-service liquidity transfer order results in the creation and sending of an inter-service liquidity transfer order to the target settlement service. Based on the settlement result received from the target settlement service, the processing continues as follows:

I [Settled] – If the respective settlement service settles the inter-service liquidity transfer order, then the processing continues with the step “Check message subscription for debit notification”;

~~I [Rejected] – If the respective settlement service does not settle the inter-service liquidity transfer order, then the processing continues with the step “Send liquidity transfer fail notification”.~~

Send liquidity transfer order fail notification

The process step creates a “Liquidity transfer order fail notification”/Receipt (camt.025) [□ 360] and sends it to the submitting actor.

[..]

123 EUROSISTEM UPDATE [internal review]: page 217 (CLM UDFS-chapter 9.7.1 Perform standard CLM settlement - description)

Alignment of table 67 on possible account combinations to be in line with chapter liquidity transfers overview

Cash transfer order type	Submission Type	Use Case	“Debit notification”/BankToCustomerDebitCreditNotification (camt.054)	“Credit notification”/BankToCustomerDebitCreditNotification (camt.054)
Liquidity transfer	Internal (from other settlement service)	Liquidity transfer with debit on MCA _T or CLM	Optional	-

		CB Accou nt_ overni ght deposi t accou nt or margin al lending g accou nt (debit leg)		
		Liquidit y transfe r with credit on MCA, CLM CB Accou nt, overni ght deposi t accou nt or margin al lending g accou	-	Optional

		net (credit leg)		
	System- generated	Liquidit y transfe r with debit on MCA, CLM CB Accou nt, overni ght deposi t accou nt (debit leg)	Optional	-
		Liquidit y transfe r with credit on MCA, CLM CB Accou ntor margin al lendin g accou	-	Optional

		nt (credit leg)		
--	--	-----------------------	--	--

124 EUROSISTEM UPDATE [internal review]: page 217 (CLM UDFS-chapter 9.7.1 Perform standard CLM settlement - description)

Alignment of table 67 on possible account combinations to be in line with chapter liquidity transfers overview

Cash transfer order type	Submission Type	Use Case	"Debit notification"/BankT oCustomerDebitCreditNotification (camt.054)	"Credit notification"/BankT oCustomerDebitCreditNotification (camt.054)
Liquidity transfer	U2A	Liquidity transfer with credit on MCA, CLM CB Account, overnight deposit account or marginal lending account <i>[Footnote added]</i> (credit leg)	Optional	-
		Liquidity transfer with credit on MCA, CLM CB Account, overnight deposit account or marginal lending account (credit leg)	-	Optional

Footnote: A credit on the marginal lending account can be initiated via U2A only by the operator on behalf of the CB (reverse of a settled marginal lending on request).

125 EUROSISTEM UPDATE [Internal review]: pages 234ff. (CLM UDFS-chapter 9.14.1 Description); Clarification due to CR-0020

New footnotes to be included.

[...]

Send credit line modification rejection notification

CLM rejects the request and sends a "Credit line modification rejection notification"/Receipt (camt.025) to the CB (local CMS^x).

^x Credit line modifications in EUR using ModifyCreditLine (camt.998) from local CMS are only allowed until ECMS go-live.

[...]

Send credit line modification execution notification

The process step creates a "Credit line modification execution notification"/Receipt (camt.025) and sends it to the CB (local CMS^x).

^x Credit line modifications in EUR using ModifyCreditLine (camt.998) from local CMS are only allowed until ECMS go-live.

[...]

Send credit line modification queuing notification

CLM notifies the CB of the failed execution after the first attempt only and sends a "Credit line modification queuing notification"/Receipt (camt.025) to the CB (local CMS^x).

^x Credit line modifications in EUR using ModifyCreditLine (camt.998) from local CMS are only allowed until ECMS go-live.

126 EUROSYSYSTEM UPDATE [Internal review]: page 237 (CLM UDFS-chapter 9.15.1 Description); Clarification due to CR-0020

New footnote to be included.

[...]

Send credit line modification rejection notification

The process step creates a "Credit line modification rejection notification"/Receipt (camt.025) and sends it to the CB (local CMS^x).

^x Credit line modifications in EUR using ModifyCreditLine (camt.998) from local CMS are only allowed until ECMS go-live.

127 EUROSISTEM UPDATE [internal review]: page 239f. (CLM UDFS-chapter 9.16 Manage current reservation in CLM)

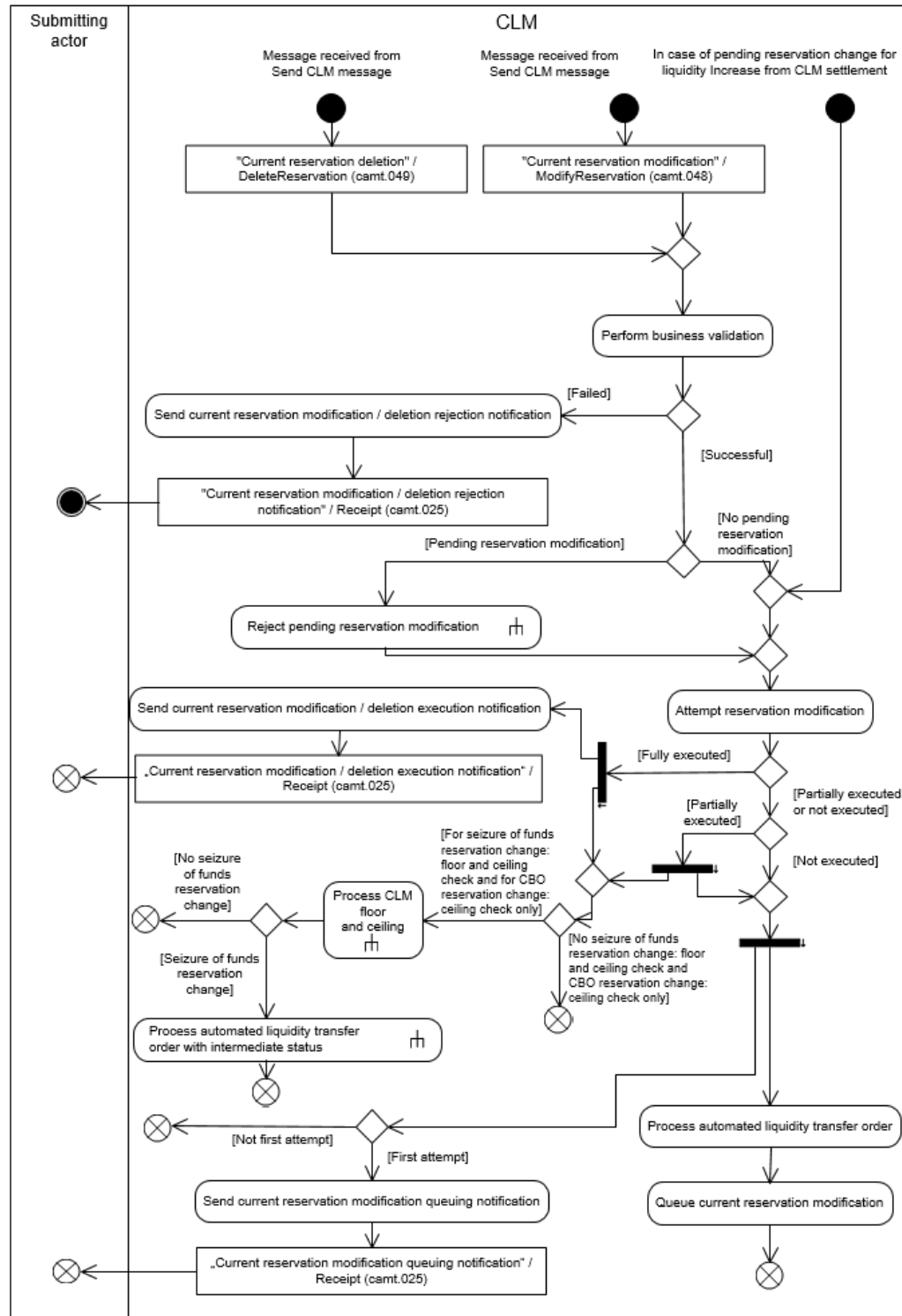


Figure 59 - Manage current reservation

[...]

For the full execution of a reservation modification request or a reservation deletion request, the processing continues with a split allowing parallel processing of the sub-Process automated liquidity transfer order with intermediate status [] 222], the sub-Process CLM floor and ceiling [] 222] (for seizure of funds reservation change: floor and ceiling check; for CBO reservation change: ceiling check only) and of process step "Send current reservation modification/deletion execution notification".

If the attempt to execute the reservation modification request results in a partial execution or no execution, then the processing continues with a split into the following processing steps.

I Only on the first attempt to modify the reservation, the processing continues with the processing step "Send current reservation modification queuing notification". If it is not the first attempt to modify the reservation, the processing finishes.

I The processing continues with "Process automated liquidity transfer order".

I In case of seizure of funds reservation change with partial execution the processing also ensures the trigger for the sub-Process automated liquidity transfer order with intermediate status [] 222] and the sub-Process CLM floor and ceiling [] 222] (floor check only).

128 EUROSYSYSTEM UPDATE [Internal Review]: page 240ff. (CLM UDFS-chapter 9.16.1 Description); clarification

[...]

Perform business validations

The process step verifies whether a current reservation deletion request or a current reservation modification request is compliant with the business validation rules. It performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor.

- I **[Failed]** The current reservation deletion request or a current reservation modification request is not compliant with the business validation rules. The processing continues with "Send current reservation modification_/deletion rejection notification".
- I **[Successful]** The current reservation deletion request or a current reservation modification request complies with the business validation rules. If a pending reservation modification exists, the processing triggers the sub-process "Reject pending reservation modification in CLM [] Error! Bookmark not defined.". The processing continues with "Attempt reservation modification".

Send current reservation modification_/deletion rejection notification

CLM rejects the request and sends a "Current reservation modification / deletion rejection notification"/Receipt (camt.025) to the submitting actor.

[...]

~~For the full execution of a reservation modification request or a reservation deletion request, the processing continues with a split allowing parallel processing of the sub-Process automated liquidity transfer order with intermediate status [□ 220] and of process step “Send current reservation modification/deletion execution notification”.~~

For the full execution of a reservation modification request or a reservation deletion request, the processing continues with a split allowing parallel processing of the

- I step “Send current reservation modification / deletion execution notification” and
- I sub-“Process CLM floor and ceiling” (for seizure of funds reservation change: floor and ceiling check; for CBO reservation change: ceiling check only).

The processing continues as follows:

- I For a current reservation modification / deletion which is neither a seizure of funds reservation change nor a CBO reservation change – triggering a ceiling check, the processing finishes with the sending of the execution notification.
- I For a CBO reservation change - triggering a ceiling check the processing finishes after the sub- Process CLM floor and ceiling.

For a seizure of funds reservation change the sub-“Process CLM floor and ceiling” is followed by the sub-“Process automated liquidity transfer order with intermediate status” and finishes afterwards.

If the attempt to execute the reservation modification request results in a partial execution or no execution, then the processing continues with a split into the following processing steps.

- I Only on the first attempt to modify the reservation, the processing continues with the processing step “Send current reservation modification queuing notification”. If it is not the first attempt to modify the reservation, the processing finishes.

~~I The~~In case the reservation modification request is not related to a seizure of funds reservation change with partial execution, the processing continues with the processing step “Process automated liquidity transfer order”.

~~I In case of seizure of funds reservation change with partial execution the processing also ensures the trigger for the sub-Process automated liquidity transfer order with intermediate status [□□ 220].~~

In case of seizure of funds reservation change with partial execution the processing continues with the sub-“Process CLM floor and ceiling” (floor check only) which is followed by the sub-“Process automated liquidity transfer order with intermediate status”.

[...]

Process automated liquidity transfer order

After the reservation modification attempt, the automated liquidity transfer processing may create an automated liquidity transfer order. Further details can be found in chapter Automated liquidity transfer due to queued/pending CBO. The processing continues with step “Queue current reservation modification”.

Queue current reservation modification

CLM queues the modification for further processing and the processing finishes.

129 EUROSISTEM UPDATE [internal review]: page 251 (CLM UDFS-chapter 9.20 Coordinate general ledger creation with other settlement services)

Table 80 - Used messages

Use case	Message description/usage	ISO message	ISO code
CLM informs the other TARGET settlement service on the event <i>Change of the business day</i> .	Business day notification	ReturnBusinessDayInformation	camt.019
<u>Send stop accepting outbound inter-service liquidity transfers</u>	<u>Stop accepting outbound inter-service liquidity transfers</u>	<u>ReturnBusinessDayInformation</u>	<u>camt.019</u>
<u>Send confirmation on finality of all outbound inter-service liquidity transfers to CLM</u>	<u>Confirmation on finality of all outbound inter-service liquidity transfers to CLM</u>	<u>Receipt</u>	<u>camt.025</u>
<u>Send generate general ledger to the settlement services</u>	<u>Generate general ledger</u>	<u>ReturnBusinessDayInformation</u>	<u>camt.019</u>
<u>Send general ledger to CLM</u>	<u>General ledger</u>	<u>BankToCustomerStatement</u>	<u>camt.053</u>
After having got the general ledger file, the completion of the EoD processing and the business day has been	Start accepting outbound inter-service liquidity transfers	<u>ReturnBusinessDayInformation</u>	<u>camt.019</u>

changed CLM informs the other settlement services that inter-service liquidity transfers can be sent.			
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130 EUROSISTEM UPDATE [internal review]: page 257 (CLM UDFS-chapter 9.22.3 Process business day event “Cut-off for CLM RTS”)

Editorial change – adaption of process flow to correct sequence

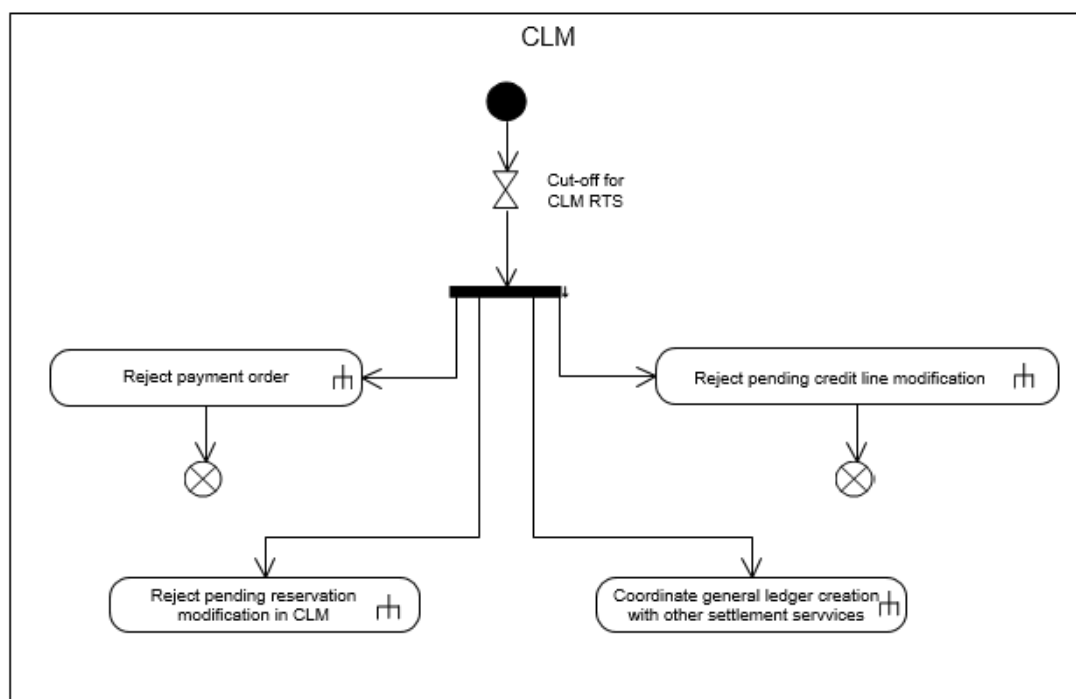


FIGURE 67 Process business day event “Cut-off for CLM RTS”

131 EUROSISTEM UPDATE [internal review]: page 258f. (CLM UDFS-chapter 9.22.4 Process business day event “CB cut-off for marginal lending on request”)

Editorial change – adaption of process flow to correct sequence

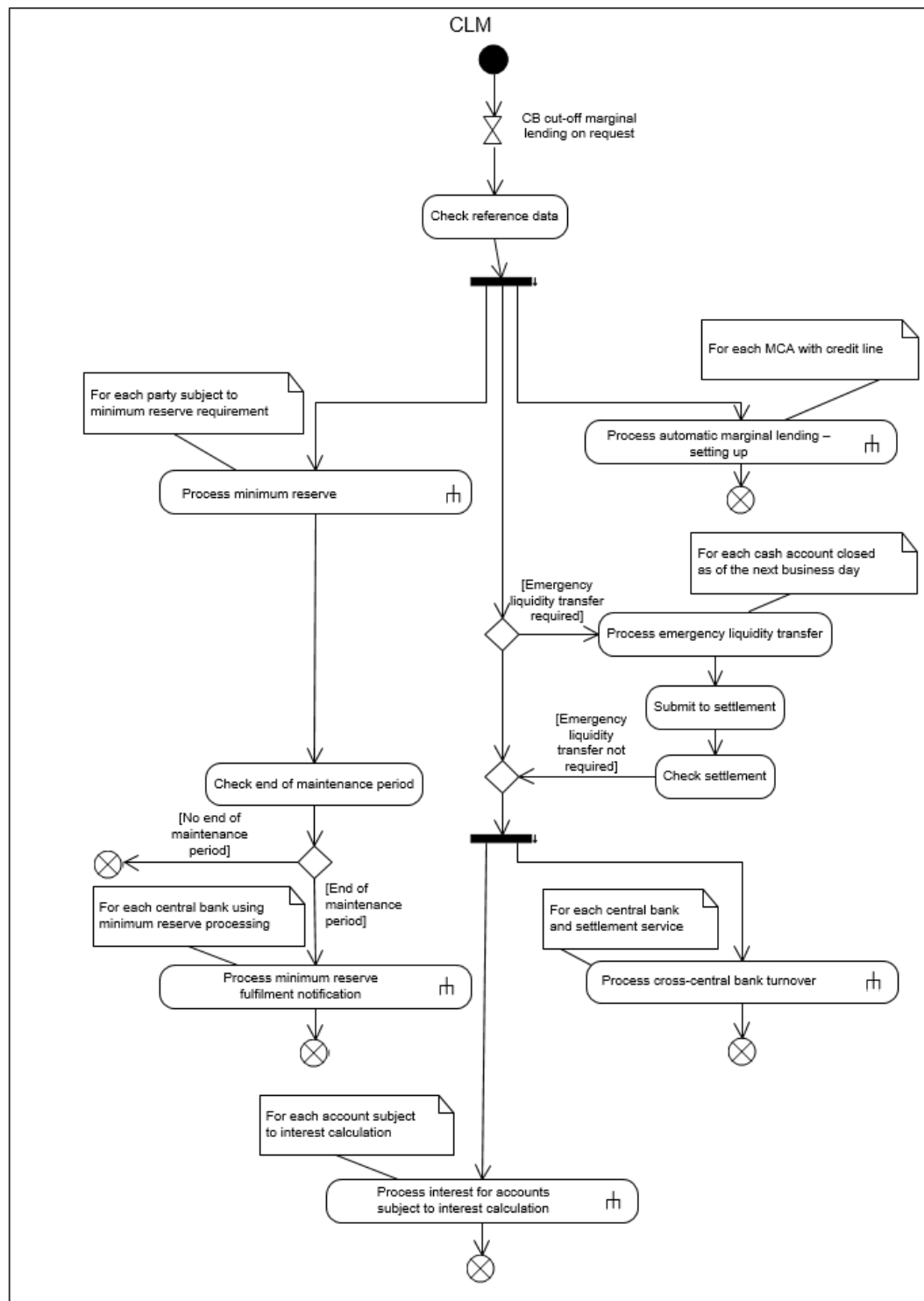


FIGURE 68 Process “CB cut-off for marginal lending on request”

The event “CB cut-off for marginal lending on request” triggers the processing step “Check reference data”.

Check reference data

[...]

Process emergency liquidity transfer

The process step creates an emergency liquidity transfer order for each cash account that has a balance, but shall be closed as of the next business day, towards the default CB Account of the CB the CLM Account Holder belongs to (see chapter [Closing of accounts still containing a balance](#) [-Error! Bookmark not defined.]). It continues with the processing step “Submit to settlement”.

Submit to settlement

This processing step submits the liquidity transfer order to the process [Perform standard CLM settlement](#) [-Error! Bookmark not defined.] and continues with the processing step “Check settlement”.

Check settlement

This processing step checks continuously whether all submitted liquidity transfer orders are settled. Once all liquidity transfer orders are settled, the processing continues and triggers in parallel the following sub-processes.

- | [Process automatic marginal lending – setting up – before and after launch of ECMS](#) [-Error! Bookmark not defined.] for each MCA with credit line.
- | [Process cross-CB turnover](#) [-Error! Bookmark not defined.] for each CB and settlement service.
- | [Process minimum reserve](#) [-Error! Bookmark not defined.] for each party subject to minimum reserve requirement. After successful finalisation of “Process minimum reserve” for each institution subject to minimum reserve, the processing continues with “Check end of maintenance period”.
- | [Process interest for accounts subject to interest calculation](#) [-Error! Bookmark not defined.] for each account subject to interest calculation.

Check end of maintenance period

The process step checks if the minimum reserve maintenance period ends:

- | [...]

Process emergency liquidity transfer

The process step creates an emergency liquidity transfer order for each cash account that has a balance, but shall be closed as of the next business day, towards the default CB Account of the CB the CLM Account Holder belongs

to (see chapter [Closing of accounts still containing a balance](#) [**Error! Bookmark not defined.**]). It continues with the processing step “Submit to settlement”.

Submit to settlement

This processing step submits the liquidity transfer order to the process [Perform standard CLM settlement](#) [**Error! Bookmark not defined.**] and continues with the processing step “Check settlement”.

Check settlement

This processing step checks continuously whether all submitted liquidity transfer orders are settled. Once all liquidity transfer orders are settled, the processing continues and triggers in parallel the following sub-processes.

- I [Process automatic marginal lending - setting up - before and after launch of ECMS](#) [**Error! Bookmark not defined.**] for each MCA with credit line.
- I [Process cross-CB turnover](#) [**Error! Bookmark not defined.**] for each CB and settlement service.
- I [Process minimum reserve](#) [**Error! Bookmark not defined.**] for each party subject to minimum reserve requirement. After successful finalisation of “Process minimum reserve” for each institution subject to minimum reserve, the processing continues with “Check end of maintenance period”.
- I [Process interest for accounts subject to interest calculation](#) [**Error! Bookmark not defined.**] for each account subject to interest calculation.

132 EUROSISTEM UPDATE [internal review]: page 260 (CLM UDFS-chapter 9.23.1 Process overnight deposit – setting up order)

Editorial change – alignment of possible account combinations and inclusion of a new footnote

The account to be debited is the MCA, the RTGS DCA, the RTGS CB Account, the T2S DCA, the T2S CB Account(1), the TIPS Account or the RTGS sub-account of the CLM Account Holder requesting the overnight deposit. ~~In addition, the overnight deposit account may receive liquidity from any CB account.~~ The account to be credited is the overnight deposit account of the CB for the respective CLM Account Holder requesting the overnight deposit.

(1) footnote to be added stating : Functionalities mentioned here will change subject to approval of CR0058

133 EUROSISTEM UPDATE [Internal review]: page 260 (CLM UDFS-chapter 9.23.1 Process overnight deposit - setting up order); Clarification due to CR-0020

[...]

In A2A the submitting actor sends a LiquidityCreditTransfer (camt.050) for setting up an overnight deposit in CLM or RTGS. In addition, the submitting actor has the possibility to trigger an overnight deposit also via U2A. CLM checks whether the actor is allowed to use the overnight deposit facility (see validation rule list).

134 EUROSYSYSTEM UPDATE [Internal review]: page 264 (CLM UDFS-chapter 9.23.4.1 Before launch of ECMS); Clarification due to CR-0020

[...]

The debit account for the setting-up order is the marginal lending account of the CB dedicated to the respective CLM Account Holder in CLM. The credit account is the MCA of the CLM Account Holder requesting the marginal lending.

135 EUROSYSYSTEM UPDATE [Internal review]: page 265 (CLM UDFS-chapter 9.23.5. Process marginal lending – reverse order); Clarification due to CR-0020

9.23.5.1 Before launch of ECMS

[...]

The debit account is an MCA defined by the CLM Account Holder. The credit account is thea marginal lending account defined by the respective CLM Account Holder which served as basis for the marginal lending on request – setting up.

[...]

9.23.5.2 After launch of ECMS

~~The process is only available in U2A for the operator on behalf of the CB. The process for marginal lending on request – reverse order is identical to the processing of payment orders in CLM. This includes also the sending of the same notifications as for payment orders initiated via U2A.~~

136 EUROSYSYSTEM UPDATE [Internal review]: page 265 (CLM UDFS-chapter 9.23.5.2 After launch of ECMS); Clarification due to CR-0020

~~The process is only available in U2A for the operator on behalf of the CB. The process for marginal lending on request – reverse order is identical to the processing of payment orders in CLM. This includes also the sending of the same notifications as for payment orders initiated via U2A.~~

The debit account is an MCA defined by the CLM Account Holder. The credit account is the relevant account of the CB in CLM.

137 EUROSISTEM UPDATE [Internal review]: page 266 (CLM UDFS-chapter 9.23.6.1 Description); Clarification due to CR-0020

This sub-process triggers the execution of automatic marginal lending for all relevant counterparties. It applies before and after the launch of ECMS with one exception.

After the launch of ECMS, ECMS is informed on the automated margin lending overnight credit:

138 EUROSISTEM UPDATE [Internal review]: pages 268-272 (CLM UDFS-chapters 9.23.7 Process marginal lending - reimbursement and interest; 9.23.8 Process marginal lending - reimbursement; 9.23.9 Process marginal lending – interest) Clarification due to CR-0020

The chapters are enhanced, restructured and summarized to one new chapter 9.23.7
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9.23.7 Process marginal lending - reimbursement and interest

This sub-process triggers the reimbursement of all marginal lending uses for all relevant counterparties as well as the related settlement of interest.

Further details on marginal lending can be found in chapters Marginal lending on request and Automatic marginal lending

9.23.7.1 Before launch of ECMS

Before the launch of ECMS, CLM starts this process based on the business day event "Start of CLM RTS".
triggers:

- | ~~the reimbursement of all marginal lending uses for all relevant counterparties in accordance with the sub-process "Process marginal lending – reimbursement";~~
- | ~~the payment of interest for all marginal lending uses for all relevant counterparties in accordance with the sub-process "Process marginal lending – interest".~~

[...]

The processing continues with a split into the following processing steps:

- | "Create marginal lending reimbursement order" and
- | "Check on interest rate for marginal lending"

Create marginal lending reimbursement order

The process step generates the marginal lending reimbursement order. The debit account for the reimbursement order is an MCA defined by the CB for the CLM Account Holder accessing the marginal lending. The credit account is the relevant dedicated marginal lending account in CLM.

In case the underlying business case was an automatic marginal lending, the marginal lending reimbursement order is a connected payment and the processing continues with "Submit to settle connected payment".

In case the underlying business case was a marginal lending on request, the marginal lending reimbursement order is a liquidity transfer and the processing continues with "Submit to settlement".

Submit to settlement

The settlement process for marginal lending on request reimbursement is identical to the settlement process of liquidity transfers in CLM.

The processing step submits the liquidity transfer orders to the process Perform standard CLM settlement.

Submit to settle connected payments

This processing step submits the connected payment order to reimburse the automatic marginal lending to the process Settle connected payments.

Check on interest rate for marginal lending

The process step checks the interest rate for marginal lending:

- I in case the interest rate is not equal to zero, the processing continues with "Calculate interest for marginal lending";
- I in case the interest rate is equal to zero, the processing terminates.

Calculate interest for marginal lending

The process step first checks if the marginal lending has to be excluded from the interest calculation or not (information is stored in the reference data) and calculates as follows:

- I in case the marginal lending does not have to be excluded from the interest calculation, the interest to be paid is calculated based on the total amount on the respective marginal lending account;
- I in case the marginal lending has to be excluded from the interest calculation, the interest to be paid is calculated based on the amount on the respective marginal lending account related to the marginal lending only.

The process continues with "Create marginal lending interest payment order".

Create marginal lending interest payment order

The process step generates the marginal lending interest payment order and the process continues with "Submit to settlement". In case of both a marginal lending on request and an automatic marginal lending of a single CLM Account Holder eligible for marginal lending only one interest payment is generated covering both types of marginal lending.

9.23.7.2 After launch of ECMS

After the launch of ECMS, this process :

- | triggers the reimbursement of automatic marginal lending for all relevant counterparties in accordance with the sub-process "[Process marginal lending - reimbursement](#) [- **Error! Bookmark not defined.**]";
- | processes the orders received from ECMS for the reimbursement of marginal lending on request for all relevant counterparties in accordance with the sub-process [Process marginal lending - reimbursement](#) [- **Error! Bookmark not defined.**]";
- | processes the orders received from ECMS for the payment of interest for all marginal lending uses for all relevant counterparties in accordance with the sub-process "[Process marginal lending - interest](#) [- 230]".

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

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

9.23.8 ~~Process marginal lending - reimbursement~~

~~This sub-process triggers the reimbursement of all marginal lending uses for all relevant counterparties.~~

~~Further details on marginal lending can be found in chapters [Marginal lending on request](#) [- **Error! Bookmark not defined.**] and [Automatic marginal lending](#).~~

9.23.8.1 Before launch of ECMS

9.23.8.2 After launch of ECMS

~~The process step generates the marginal lending reimbursement order for automatic marginal lending and processes the payment order received by ECMS for the reimbursement of marginal lending on request.~~

Create marginal lending reimbursement order for automatic marginal lending

~~CLM creates the marginal lending reimbursement order for automatic marginal lending as a connected payment and continues the process with "[Submit to settle connected payments](#)". The debit account for the reimbursement order is an MCA defined by the CLM Account Holder accessing the marginal lending. The credit account is the relevant CB account in CLM.~~

~~Submit to settle connected payments~~

~~This processing step submits the connected payment orders to reimburse the automatic marginal lending to the process Settle connected payments [] **Error! Bookmark not defined.**].~~

~~Process payment orders for reimbursement of marginal lending on request~~

~~In order to reimburse the marginal lending on request, ECMS sends a FinancialInstitutionDirectDebit (pacs.010) for the reimbursement to CLM. The payment order covers the payment of the capital amount and interest, as calculated by ECMS. Depending on the choice of the CB with regard to the netting of payments for MLOR operations, ECMS may send a separate instruction for the payment of accrued interest.~~

~~ECMS sends this payment order at the same time as the instructions for the settlement open market operations.~~

~~For counterparties with an own MCA, ECMS sends the reimbursement payment order as a connected payment. For counterparties without an own MCA or without a credit line, the EMCS sends the reimbursement payment order as a regular payment order.~~

~~Further details on the processing of marginal lending on request can be found in the ECMS documentation.~~

Submit to settlement

~~The step submits to settlement the payment orders for the reimbursement of marginal lending on request.~~

~~The settlement process for marginal lending on request reimbursement is identical to the settlement process of payment orders in CLM.~~

~~The processing step submits the payment orders to the process Perform standard CLM settlement [] **Error! Bookmark not defined.**].~~

9.23.9 Process marginal lending — interest**9.23.9.1 Before launch of ECMS**

~~This sub-process triggers the creation of payment orders for the settlement of interest for marginal lending on request and for automatic marginal lending for all relevant counterparties.~~

~~The settlement process for marginal lending interest payment orders is identical to the settlement process of payment orders in CLM~~

9.23.9.2 After launch of ECMS

~~This sub-process triggers the settlement of payment orders received from ECMS for the settlement of interest for marginal lending on request and for automatic marginal lending for all relevant counterparties.~~

~~The process submits to settlement the payment orders received from ECMS.~~

139 EUROSYSYSTEM UPDATE [internal review]: page 275 (CLM UDFS-chapter 9.24.2.1 Description)

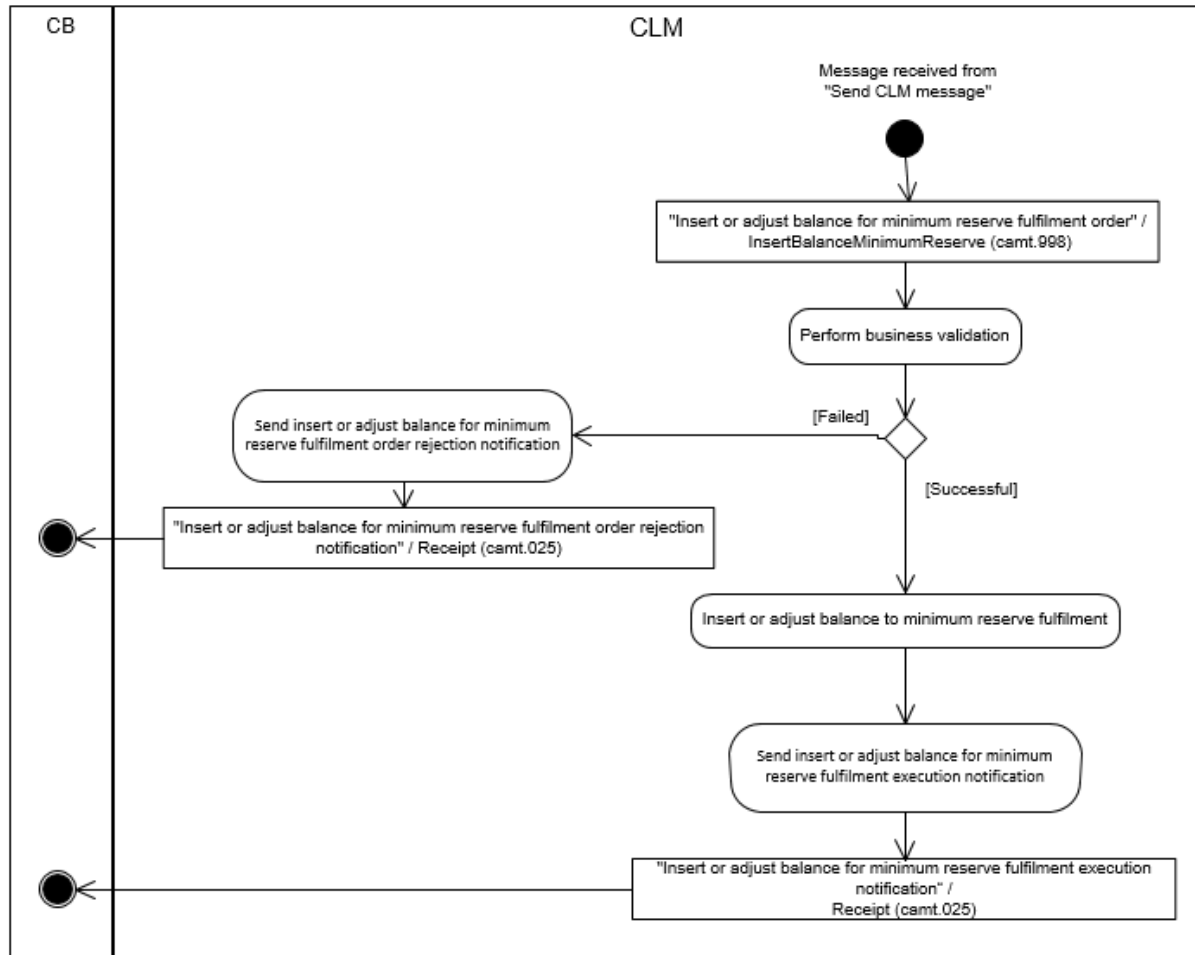


Figure 73 - Insert or adjust balance for minimum reserve fulfilment

140 EUROSYSYSTEM UPDATE [internal review]: page 286 (CLM UDFS-chapter 9.25.1.2 Messages)

The information on the GL query is not consistent and must be adapted. See also chapter 8.6 Query Messages.

Table 89 - A2A messages for query processing

Query	Query request message	Query rejection for failed business validation	Query response for business data
[...]	[...]	[...]	[...]
General Ledger query (CB)	<u>ReportQueryRequest</u>	<u>ReceiptAcknowledgement</u>	<u>BankToCustomerStateme</u>

only)	(admi.005) [] Error! Bookmark not defined.]	(admi.007) [] Error! Bookmark not defined.]	nt (camt.053) [] Error! Bookmark not defined.] (General Ledger BankToCustomerStateme nt)
Minimum reserve fulfilment query <u>new</u> <u>footnote 1</u>	GetAccount (camt.003)	ReturnAccount (camt.004)	ReturnAccount (camt.004)
Minimum reserve requirement per leading CLM Account Holder query (CB only) new <u>footnote 2</u>	GetAccount (camt.003)	ReturnAccount (camt.004)	ReturnAccount (camt.004)
Minimum reserve of a banking community query (CB only)	GetValueOfReserveMinim umReserve (camt.998)– specific for CBs	ReturnValueOfReserveMi nimumReserve (camt.998) –specific for CBs	ReturnValueOfReserveMi nimumReserve (camt.998) –specific for CBs

New footnote 1: In case a CB wants to receive data for its banking community, only the respective request type codes shall be used without further search criteria.

New footnote 2 In case a CB wants to receive data for its banking community, only the respective request type codes shall be used without further search criteria.

141 EUROSISTEM UPDATE [RealBICs / Internal review]: page 301 (CLM UDFS-chapter 11.1.3 XML character set)

Replace and rename table 93

~~Table 9 – FIN X-Character set~~

Message elements	Solution	
All Proprietary and/or text elements, with exception of: Initiating Party, Debtor, Ultimate Debtor, Creditor, Ultimate Creditor, Originator, Related Remittance Information and Remittance	Use of FIN X-Character Set: abcdefghijklmnopqrstuvwxyz ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789 /-?:()..'+ Space	
For Initiating Party, Debtor, Ultimate Debtor, Creditor, Ultimate Creditor, Originator, Related Remittance Information and Remittance	Use of FIN X-Character set (see above), plus !#\$%&*^_`{ }~";<>@[\] Note: Five characters need to be escaped:	
	Character	XML Escape Sequence
	"	"
	'	'
	<	<
	>	>
	&	&

Table 10 - supported character sets

Character set type	Message elements	Supported characters in T2
<u>Restricted TARGET character set</u>	All elements with data type "Text", except the element categories listed for <u>Extended TARGET character set</u> (see below).	Use of FIN X-Character Set: abcdefghijklmnopqrstuvwxyz ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789 /-?:()..'+ Space
<u>Extended TARGET character set</u>	-All Name elements for all actors -Remittance Information-	Use of FIN X-Character set (see above), plus !#\$%&*^_`{ }~";<>@[\]. Note:

		The following characters need to be escaped:	
		<u>Character</u>	<u>XML Escape Sequence</u>
		≤	<
		≥	>
		&	&

142 EUROSISTEM UPDATE [RealBICs]: page 303 (CLM UDFS-chapter 11.1.3.1 Technical validation)

Replace figure 85 – Technical validation, ISO schema example

Delete figure 86 – Technical validation, proprietary schema example

143 EUROSISTEM UPDATE [CR 034]: page 305 (CLM UDFS-chapter 11.2.1 Envelope messages)

In order to communicate with CLM, a business sender may send a single business messages or a file containing several business messages. The structure of message is described in chapter [Business Application Header](#) [234] and the structure of file is described in chapter [Business File Header](#) [**Error! Bookmark not defined.**].

BAH and business payload/ISO 20022 message instance are part of this business message. Examples and further details for BAH are provided in chapter BusinessApplicationHeader (head.001).

144 EUROSISTEM UPDATE [CR 034]: page 306 -307 (CLM UDFS-chapter 11.2.1.2 Business File Header)

Besides the sending of single business messages CLM supports inbound files.

[...]

Files submitted to CLM should only contain instruction messages. If a submitted file contains query messages, CLM will filter out the query messages and reject them each individually. This will not impact any instruction messages contained in the file, which will be processed as normal. The rejection of the query messages is caused by the fact that files are submitted via store-n-forward channel, which is not allowed for inbound query messages.

[...]

145 EUROSYSYSTEM UPDATE [internal review]: page 318 (CLM UDFS-chapter 11.4 Message references)

[Point-to-point reference[...]]

- | Clearing System Reference transports the booking reference assigned by CLM.

[End-to-end references[...]]

- | ~~Clearing System Reference transports the booking reference to be assigned by RTGS.~~

All messages used by CLM are ISO 20022 compliant. That means that in general all elements should be harmonised across the message portfolio and can simply be mapped into equivalent element in other messages, e.g. end-to-end identification. Nevertheless, in some cases the same information is mapped into another element, e.g. the booking reference added by CLM in payment messages in element clearing system reference is mapped in booking notification message (camt.054) into element notification ~~identification~~ entry reference.

[...]

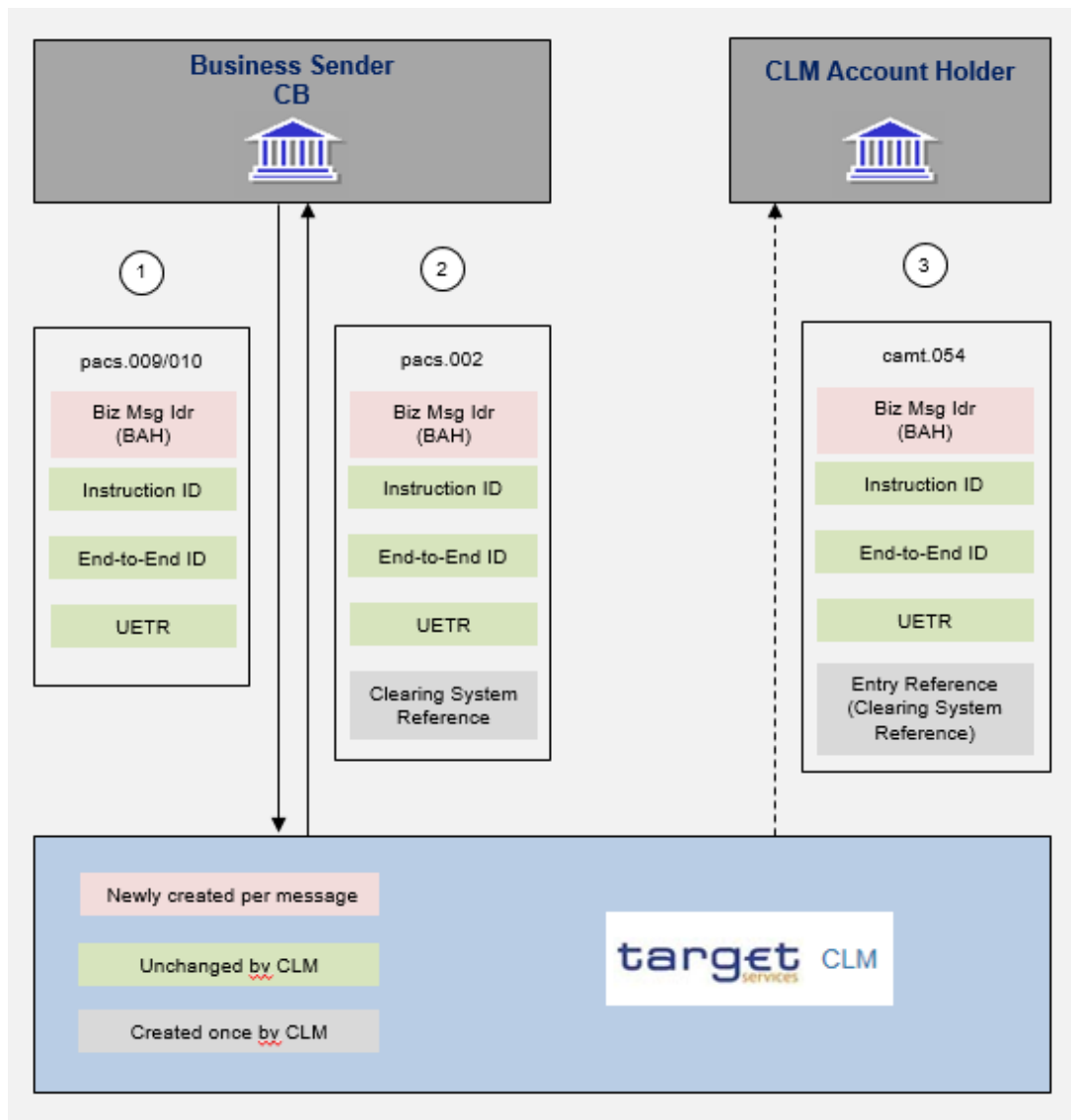


Figure 90 – Message References

146 EUROSYSTEM UPDATE [internal review]: page 334 (CLM UDFS-chapter 12.1.1.3 admi.004 – The message in business context)

Replace of table 132 and 133

Usage case: Payment validity timeout

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

Table 1132 - SystemEventNotification (admi.004) – usage case Payment validity timeout

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	REJT
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	MDEEURCOBADEFFXXXCOBADEFFXXX
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	URGT
Event Description Document/SysEvtNtfctn/EvtInf/EvtDesc	e009b079-59c5-41e9-be4c-d45102fc201e
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2020-10-13T10:18:15.001+00:00

Usage case example: admi.004_CLM_SystemEventNotification_RJCT_bs079.xml

Usage case: CLM operations Related

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

Table 1233 - SystemEventNotification (admi.004) – usage case CLM Operations Related

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	FREE
Event Description Document/SysEvtNtfctn/EvtInf/EvtDesc	Participant BIC COBADEFFXXX blocked, payments to it will be rejected
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2020-10-13T11:31:26.001+00:00

Usage case example: admi.004_CLM_SystemEventNotification_FREE_bs080.xml

Usage case: Reject Time Broadcast

In this usage example, the recipient of the message is being informed that the defined reject time has been reached, after which the payment order was rejected:

Table 132 – SystemEventNotification (admi.004) – usage case Reject Time Broadcast

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	REJT
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtPaam	DEBTACCTID01
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	URGT
Event Description Document/SysEvtNtfctn/EvtInf/EvtDesc	00000000-0000-4000-8000-000000000000
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2019-03-01T14:06:07.001+00:00

Usage case example: admi.004_CLM_SystemEventNotification_RejectTime_Example.xml

Usage case: ~~CLM Operations-Related Broadcast~~

In this usage example, the recipient of the message is being informed that CLM has reached a pre-defined event point or that the operator has intervened for a specific reason:

~~Table 133~~ SystemEventNotification (admi.004) — usage case ~~CLM Operations-Related Broadcast~~

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	FREE
Event Description Document/SysEvtNtfctn/EvtInf/EvtDesc	Participant BIC blocked; payments to it will be rejected
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2019-03-01T14:06:07.001+00:00

Usage case example: admi.004_CLM_SystemEventNotification_CLMOperationsRelated_Example.xml

147 EUROSISTEM UPDATE [JIRA CSLD 661]: page 338 (CLM UDFS-chapter 12.1.3.1 admi.007 – Overview and scope of the message)

This chapter illustrates the ReceiptAcknowledgement message.

The ReceiptAcknowledgement message is sent by CLM to the business sender of a ~~previous inbound message/file~~. It is used to inform the sender that their previously sent message/file has been rejected and will not be processed further to inform of a validation error.

The ReceiptAcknowledgement message is sent without a BAH, if inbound message / inbound file were rejected for the usages “message rejection notification” and “file rejection notification”. The ReceiptAcknowledgement message is sent with a BAH, to inform of a validation error for the ReportQueryRequest {} **Error! Bookmark not defined.** message (admi.005) only for all other messages.

148 EUROSISTEM UPDATE [JIRA CSLD 661]: page 339 (CLM UDFS-chapter 12.1.3.3 admi.007 – The message in business context)

Change table 137

Message item	Utilisation
[..]	
<p>Related Reference</p> <p>/Document/RctAck/Rpt/RltdRef/Ref</p>	<p>If message/file is not readable, i.e. technical validation error, this field will contain "NONREF".</p> <p>In the case of a business validation error this field will contain the BAH BizMsgldr for a single message submission or the BFH Pyldldr for a file submission.</p> <p><u>Copy of BizMsgldr of inbound message / copy of Pyldldr of inbound file.</u></p> <p><u>If BizMsgldr of inbound message / Pyldldr of inbound file cannot be identified, this field contains "NONREF".</u></p> <p><u>BAH BizMsgldr / BFH Pyldldr if possible to be extracted, otherwise NONREF</u></p>
[..]	

149 EUROSISTEM UPDATE [JIRA CSLD 695]: page 363(CLM UDFS-chapter 12.2.7.3 camt.025 – The message in business context)

Change at table 149

RequestType:	VSTS	SSTS	SSTS	XSTS	XSTS	XSTS	XSTS
StatusCode:	x999	x999	SSET	x999	COMP	PDNG	PPDN
Meaning:	rejected	failed	settled	failed	completed	pending	partially-pend
Inbound message							

[..]							
ModifyCreditLine (camt.998) - specific for CBs [Error! Bookmark not defined.]	Yes	No	No	Yes	Yes	No Yes	No
[..]							

150 EUROSISTEM UPDATE [internal review]: page 384 (CLM UDFS-chapter 12.2.12.3 camt050 – The message in business context)

Change at table 168 – page 384

Message item	Utilisation
[...]	
Liquidity Credit Transfer	
Instruction Identification /Document/LqdtCdtTrf/LqdtCdtTrf/LqdtTrfId/InstrId	If provided, then only the value "NOT PROVIDED" is allowed. If provided it is ignored by CLM.

151 EUROSISTEM UPDATE [internal review / JIRA CSLD 734]: page 393 (CLM UDFS-chapter 12.2.13.3 camt053 – The message in business context)

Change at table 173 – page 393

Message item	Utilisation
[..]	
Entry Details	
Instruction Identification	<u>Business Message Identifier of the BAH</u>

/Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Refs/InstrId	<p><u>of the underlying cash transfer message if Instruction Identification is not provided.</u></p> <p><u>Business case reference in case of system-generated cash transfers or U2A-generated liquidity transfers.</u></p> <p>Provided if Instruction Identification of is used in the underlying cash transfer message</p>
<p>End To End Identification</p> <p>/Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</p>	<p>Copy of the end-to-end identification of the settled cash transfer.</p> <p>Copy of <StandingOrderId> <u>Standing Order Identification</u> defined by CLM account holder in CRDM is provided for standing order liquidity transfer.</p> <p><u>Floor/Ceiling Order Identification of the underlying floor/ceiling liquidity transfer defined by the CLM Account Holder in CRDM.</u></p> <p>The invoice number is used in case of billing direct debit</p> <p><u>Business case reference in case of other system-generated cash transfers.</u></p>
[.]	

<p>Local Instrument Proprietary</p> <p>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</p>	<p>Liquidity transfers:</p> <ul style="list-style-type: none"> LIIE = Immediate liquidity transfer - inter-service, LIIA = Immediate liquidity transfer - intra-service, LIPU - Immediate LT - inter-service pull, LAUT = Automated liquidity transfer, LRFB = Rule-based liquidity transfer - floor breach, LRCB = Rule-based liquidity transfer - ceiling breach, LRQP = Rule-based liquidity transfer - queued RTGS payment or queued AS transfer, LSIE = Standing order liquidity transfer - inter-service, LSIA = Standing order liquidity transfer - intra-service, LCCA = Automated contingency liquidity transfer - closing of accounts, LCCS = Balances from Contingency Service. <p>CBOs:</p> <ul style="list-style-type: none"> CONP = Connected payment, BLKD = CB direct debit related to seizure of funds. <p>Any agreed code (-word) entered in the payment order by a CB in regards CBO. Such codes (-words) are not validated by CLM on content or length.</p> <p>Other system-generated operations:</p> <ul style="list-style-type: none"> CCBT = EoD settlement on CB ECB accounts,
--	--

	<ul style="list-style-type: none"> MCBT = EoD settlement on ECB mirror accounts (ECB only). <p>Billing:</p> <ul style="list-style-type: none"> BILI = Invoice <p>Overnight deposit:</p> <ul style="list-style-type: none"> ODSU = Overnight deposit - setting-up, ODRV = Overnight deposit – reverse, ODRF = Overnight deposit – refunding, ODIN = Overnight deposit – interest. <p>Marginal lending:</p> <ul style="list-style-type: none"> AMLS = Automatic marginal lending - setting up connected payment, AMLR = Automatic marginal lending - reimbursement connected payment, MLRS = Marginal lending on request - setting up (only till ECMS go-live), MLRR = Marginal lending on request - reimbursement (only till ECMS go-live), MLRV = Marginal lending on request - reverse (only till ECMS go-live), MLIN = Marginal lending interest (only one interest payment for AML + MLR) (only till ECMS go-live). <p>Minimum reserve:</p> <ul style="list-style-type: none"> MRIN = Interest on minimum reserve, MRPN = Penalties, MRER = Interest on excess reserve.
--	---

	Interest on accounts: IACP = Interest payment
[..]	

Change at table 164 – page 448

Message item	Utilisation
Owner /Document/BkToCstmrStmt/Stmt/Acct/Ownr/Id/OrgId/AnyBIC	SOLADESTXXX

152 EUROSISTEM UPDATE [internal review / JIRA CSLD 487]: page 404 - 414 (CLM UDFS- chapter 12.2.14.3 camt054 – The message in business context)

Change at table 176 – page 405

[...]. reduced by EUR 2100,000 for the account [...].

Message item	Utilisation
[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	CLM-p009b002Ouc054b002-BAHId
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-08</u>
Amount Details Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Amt	EUR 2100000
[...]	

Change at table 177 – page 407

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

[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	CLM-p009b004 <u>Ouc054b004-</u> <u>BAHId</u>
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-09</u>
[..]	

Change at table 178 – page 409

Message item	Utilisation
[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	CLM-c050b050 <u>Ouc054b050-</u> <u>BAHId</u>
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-08</u>
[..]	

Change at table 180 – page 411

Message item	Utilisation
[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	CLM-c998b064 <u>Ouc054b064-</u> <u>BAHId</u>
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-08</u>
[..]	

Change at table 181 – page 413

The camt.054 always indicates the change to the credit line value ('delta' value) amount), irrespective of the fact that this business scenario used an absolute replacement credit line value.

Message item	Utilisation
[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	<u>Ouc054b065-BAHIdCLM-</u> <u>e998b065</u>
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-08</u>
[..]	

Change at table 171 – page 475

In this usage example, CLM is advising the owner of a CLM Account (with ID MDEEURCOBADEFFXXXCOBADEFFXXX of a debit of EUR 18,500 which has been taken from that account, resulting from the settlement of a Billing direct debit order. The Credit of this invoiced amount is at the CB "MARKDEFFXXX".

Message item	Utilisation
[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	<u>Ouc054b068-</u> <u>BAHId</u>
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-07</u>
Creditor BIC	<u>MARKDEFFXX</u>

/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/Cdtr/Pty/Id/OrgId/Any BIC	<u>X</u>
Instructing Agent BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/InstgAgt/FinInstnId/BIC FI	<u>MARKDEFFXX</u> <u>X</u>
[..]	

New example 073

Usage case: Automatic Marginal Lending (AMLS) (Scenario 073)

In this example, CLM is advising the owner of a CLM account (Id "MDEEURCOBADEFFXXXCOBADEFFXXX") of a credit of EUR117000 which has been made to that account. The AmountDetails block advises that the credit line has also been reduced by EUR117000 for the account.

Message item	Utilisation
Group Header	
Message Identification /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
Creation Date Time /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2019-10-07T18:39:02.000+00:00
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b073CS-BAHId
Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	MDEEURCOBADEFFXXXCOBADEFFXXX
Entry Reference /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	CLM-AMLSb073
Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 117000.00
Credit Debit Indicator	CRDT

/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CdtDbtInd	
Status /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK
Booking Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	2019-10-07T18:39:01.000+00:00
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	2019-10-07
Code /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd	PMNT
Amount Details <u>Type</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Tp	AMLS
<u>Amount Details</u> Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Amt	EUR 117000.00
End To End ID Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId	EDAMLSb073-E2EId
Local Instrument /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry	AMLS

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

Usage case example: camt.054_CLM_CreditNotification_AMLS_bs073.xml

In this example, CLM is advising the CB owner of a marginal lending account (Id “LDEEURCOBADEFFXXX0001”) of a debit of EUR117000 which has been made to that account.

Message item	Utilisation
Group Header	
Message Identification /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF

Creation Date Time /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2019-10- 07T18:39:02.000+00:00
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b073DS-BAHId
Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	LDEEURCOBADEFFXXX0001
Entry Reference /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	CLM-AMLSb073
Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 117000.00
Credit Debit Indicator /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CdtDbtInd	DBIT
Status /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK
Booking Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	2019-10- 07T18:39:01.000+00:00
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	2019-10-07
Code /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd	PMNT
Amount Details <u>Type</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Tp	AMLS
<u>Amount Details</u> Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Amt	EUR 117000.00
End To End ID Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId	EDAMLSb073-E2EId

Local Instrument /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry	AMLS
---	------

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

Usage case example: camt.054_CLM_DebitNotification_AMLS_bs073.xml

Usage case: Automatic Marginal Lending (AMLR) (Scenario 073)

In this example, CLM is advising the owner of a CLM account (Id "MDEEURCOBADEFFXXXCOBADEFFXXX") of a debit of EUR117000, which has been taken from that account. The AmountDetails block advises that the credit line has also been increased by EUR117000 for the account.

Message item	Utilisation
Group Header	
Message Identification /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
Creation Date Time /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2019-10-07T19:15:02.000+00:00
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b073DR-BAHId
Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	MDEEURCOBADEFFXXXCOBADEFFXXX
Entry Reference /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	CLM-AMLRb073
Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 117000.00
Credit Debit Indicator /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CdtDbtInd	DBIT
Status /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK

Booking Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	2019-10-07T19:15:01.000+00:00
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	2019-10-08
Code /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd	PMNT
Amount Details <u>Type</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Tp	AMLR
<u>Amount Details</u> Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Amt	EUR 117000.00
End To End ID Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId	SDAMLRb073-E2EId
Local Instrument /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry	AMLR

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

Usage case example: camt.054_CLM_DebitNotification_AMLR_bs073.xml

In this example, CLM is advising the CB owner of a marginal lending account (Id “LDEEURCOBADEFFXXX0001”) of a credit of EUR117000 which has been made to that account.

Message item	Utilisation
Group Header	
Message Identification /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
Creation Date Time /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2019-10-07T19:15:02.000+00:00

Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b073CR-BAHId
Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	LDEEURCOBADEFFXXX0001
Entry Reference /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	CLM-AMLRb073
Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 117000.00
Credit Debit Indicator /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CdtDbtInd	CRDT
Status /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK
Booking Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	2019-10- 07T19:15:01.000+00:00
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	2019-10-08
Code /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd	PMNT
Amount Details <u>Type</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Tp	AMLR
<u>Amount Details</u> Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/AmtDtls/PrtryAmt/Amt	EUR 117000.00
End To End ID Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId	SDAMLRb073-E2EId
Local Instrument /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry	AMLR

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

Usage case example: camt.054_CLM_CreditNotification_AMLR_bs073.xml

Usage case: Automatic Marginal Lending (MLIN) (Scenario 073)

In this example, CLM is advising the PB owner of an interest amount debited from their default MCA, in respect of interest due from marginal lending.

Message item	Utilisation
Group Header	
Message Identification /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
Creation Date Time /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2019-10-08T08:00:01.000+00:00
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b073DI-BAHId
Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	MDEEURCOBADEFFXXXCOBADEFF XXX
Entry Reference /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	CLM-MLINb073
Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 117.00
Credit Debit Indicator /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CdtDbtInd	DBIT
Status /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK
Booking Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	2019-10-08T08:00:00.000+00:00
Value Date	2019-10-08

/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	
Code /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd	PMNT
End To End ID Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtIs/Refs/EndToEndId	EDAMLb073-E2EId
Local Instrument /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtIs/LclInstrm/Prtry	MLIN

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

Usage case example: camt.054_CLM_DebitNotification_MLIN_bs073.xml

In this example, CLM is advising the CB owner of an interest amount credited to their marginal lending account for a particular PB, in respect of interest due from marginal lending.

Message item	Utilisation
Group Header	
Message Identification /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
Creation Date Time /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2019-10-08T08:00:01.000+00:00
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b073CI-BAHId
Account /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	LDEEURCOBADEFFXXX0001
Entry Reference /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	CLM-MLINb073

Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 117.00
Credit Debit Indicator /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CdtDbtInd	CRDT
Status /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK
Booking Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	CLM-MLINb073
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	2019-10-08
Code /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd	PMNT
End To End ID Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId	EDAMLIb073-E2EId
Related Parties Debtor BIC /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/Dbtr/Pty/Id/ OrgId/AnyBIC	COBADEFFXXX
Local Instrument /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry	MLIN

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

Usage case example: camt.054_CLM_CreditNotification_MLIN_bs073.xml

153 EUROSISTEM UPDATE [JIRA CSLD-651]: page 416 - 478 (CLM UDFS-chapter 12.3.1.3 head.001 – The message in business context

Change at table 182 – page 416 - 417

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

From	
[...]	
Clearing System Member Identification /Document/AppHdr/Fr/FIld/FinInstnId/Clr SysMmbld/Mmbld	<p>Clearing system identification is used to indicate system user reference. In an outbound message it will not filled by CLM.</p> <p>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.</p>
[...]	
Header Details	
[...]	
Signature /Document/AppHdr/Sgntr	<p>Certificate which identifies the business sending user <u>in combination with the Clearing system member identification</u> for single messages.</p> <p>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 single messages.</p>
[...]	

154 EUROSISTEM UPDATE [JIRA CSLD-651]: page 422 (CLM UDFS-chapter 12.3.2.3 head.002 – The message in business context

Change at table 186 – page 422 - 484

Message item	Utilisation
From	
[...]	
System User /Document/Xchg/PyldDesc/ApplSpfcInf /SysUsr	<p>The system user reference is a logical piece of information that allows the identification of one system user in the reference data <u>for a privilege check</u>. System user should be present on BAH level in the case of a single message or in the case of multiple messages within the BFH. The provision of the system user reference is mandatory for inbound BFH and replaces the use of Clearing system member</p>

	<u>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.</u>
Signature /Document/Xchg/PyldDesc/AppISpcfcInf /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 <u>on BAH-level</u> within the single message, <u>the BFH signature will be used and the BAH signature it will be ignored.</u>
[...]	

155 EUROSISTEM UPDATE [internal review / JIRA CSLD 528]: page 427 - 434 (CLM UDFS- chapter 13.1.1.3 camt029 – The message in business context)

Change at table xxx

Message item	Utilisation
[...]	
Cancellation Details	
Reason /Document/ReasonOfInvestgn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Rsn/CdPrtry	COMP
[...]	

Change text at Usage case – scenario 004 –page 430

In this usage example, CLM is advising the business sender of a previous [FIToFIPaymentCancellationRequest \(camt.056\)](#) [**Error! Bookmark not defined.**] that the cancellation request has been rejected and the payment remains eligible for settlement. The reason for rejection is provided, in this case code “E053” with a description of “No payment found”, because the original amount was 285000, whereas the amount for the cancellation request is 2850. Therefore no matching between payment and cancellation request is possible. To ensure clarity, the [ResolutionOfInvestigation \(camt.029\)](#) [**Error! Bookmark not defined.**] message includes several data copied

from the requesting [FIToFIPaymentCancellationRequest \(camt.056\)](#) [Error! Bookmark not defined.] message: the original message ID, the original end-to-end identification and the UETR. The message was created and sent on 7 October at 15:01 CET, one minute after the inbound [FIToFIPaymentCancellationRequest \(camt.056\)](#) [Error! Bookmark not defined.] was sent.

Change at table xxx

Message item	Utilisation
[...]	
Cancellation Details	
Reason /Document/ReslnOfInvstgtn/CxlDtls/TxInfAndSts/CxlStsRsnInf/Rsn/CdPrtry	COMP
[...]	

Change text at Usage case – scenario 007 –page 433

In this usage example, CLM is advising the business sender of a previous [FIToFIPaymentCancellationRequest \(camt.056\)](#) [Error! Bookmark not defined.] that the cancellation request has been rejected and the direct debit remains eligible for settlement. The reason for rejection is provided, in this case code “E053” with a description of “No payment found”, because the original amount was 47000, whereas the amount for the cancellation request is 470. Therefore no matching between payment and cancellation request is possible. To ensure clarity, the [ResolutionOfInvestigation \(camt.029\)](#) [Error! Bookmark not defined.] message includes several data copied from the requesting [FIToFIPaymentCancellationRequest \(camt.056\)](#) [Error! Bookmark not defined.] message: the original message ID, the original end-to-end identification and the UETR. The message was created and sent on 7 October at 15:01 CET, one minute after the inbound [FIToFIPaymentCancellationRequest \(camt.056\)](#) [Error! Bookmark not defined.] was sent.

156 EUROSISTEM UPDATE [internal review]: page 436 (CLM UDFS-chapter 13.1.2.3 camt.053 – The message in business context)

Message item	Utilisation
[...]	
Page Number /Document/BkToCstmrStmt/GrpHdr/MsgPgntn/PgNb	Sequence number of the statement of account message within the set of divided messages recurring to pagination.
Last Page Indicator	Indicator for last statement of account message

/Document/BkToCstmrStmt/GrpHdr/MsgPgntn/LastPgInd	within the set of divided messages recurring to pagination.
Statement	
Account /Document/BkToCstmrStmt/Stmt/Acct/Id/Othr/Id	Mandatory field, if not provided by the settlement service the account identification is filled with ACCOUNT NOT FOUND" <u>Account number of reported account</u>
[...]	

157 EUROSYSYSTEM UPDATE [internal review]: page 444 (CLM UDFS-chapter 13.1.3.3 camt.056 – The message in business context)

Change text at Usage case – scenario 004 –page 444

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-BizMsgId, the end-to-end identification, the payment amount (EUR 2850,000) 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 payment (sent at 14:15 on 7 October) has not yet settled.

Change at table 198 – page 445

Message item	Utilisation
[...]	
Original Interbank Settlement Amount /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmAmt	EUR 2850 00
[...]	

Change text at Usage case – scenario 007 –page 447

In this usage example, the business sender (CB) has requested that a previously instructed direct debit (with UETR: “e010b007-59c5-41e9-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-BizMsgId, the end-to-end identification, the payment amount (EUR

470,000) and the settlement date (2019-10-09). The message was created and sent on 7 October at 15:00. Therefore it is expected that the direct debit (sent at 09:00 on 7 October) has not yet settled.

Change at table 200 – page 448

Message item	Utilisation
[...]	
Original Interbank Settlement Amount /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmAmt	EUR 47000
[...]	

158 EUROSISTEM UPDATE [internal review]: page 456 (CLM UDFS-chapter 13.3.2.3 camt.998 – The message in business context)

Change at table 206 – page 456

Message item	Utilisation
[...]	
Type /Document/PrtryMsg/PrtryData/Tp	Always "GetPenaltyMinimumReserve".
[...]	

159 EUROSISTEM UPDATE [ECB JIRA 726]: page 470 (CLM UDFS-chapter 13.3.5.3 camt.998 – The message in business context)

Change at table 213 – page 470

Message item	Utilisation
[...]	
Number Of Items /Document/PrtryMsg/PrtryData/Data/PrtryData/NbOfItms	Current number of the item A single XML message for each account balance has to be sent. <u>Not used in CLM.</u>

Total Number Of Items /Document/PrtryMsg/PrtryData/Data/PrtryData/TotNbOfItms	Total number of items A single XML message for each account balance has to be sent. <u>Not used in CLM.</u>
[...]	

160 EUROSISTEM UPDATE [internal review]: page 472 (CLM UDFS-chapter 13.3.6.3 camt.998 – The message in business context)

Change at table 214 – page 472

Message item	Utilisation
[...]	
Type /Document/PrtryMsg/PrtryData/Tp	Always "ReturnPeriodicInformationMinimumReserve"
[...]	

161 EUROSISTEM UPDATE [JIRA CSLD 515]: page 497 (CLM UDFS-chapter 13.4.2.3 pacs.009 – The message in business context)

Change at table 228 - page 497

Message item	Utilisation
[...]	
Interbank Settlement Date Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmDt	Date relevant for settlement in CLM. <u>CLM only accepts the current business date, or a future business date as allowed by the CLM future date parameter.</u> <u>If the settlement date is not a CLM business day for the indicated currency the payment order will be rejected immediately.</u>

	<p>A payment order can be sent for the current business day or for a day in the future. The maximum number of days in the future is defined by a CLM parameter.</p> <p>If the settlement date is not a CLM business day the payment order will be rejected immediately.</p>
[...]	

162 EUROSISTEM UPDATE [JIRA CSLD 515]: page 507 (CLM UDFS-chapter 13.4.3.3 pacs.010 – The message in business context)

Change at table 233 - page 507

Message item	Utilisation
[...]	
<p>Interbank Settlement Date</p> <p>/Document/FIDrctDbt/CdtInstr/DrctDbtTxInf/IntrBkSttlmDt</p>	<p>Date relevant for settlement in CLM.</p> <p><u>CLM only accepts the current business date, or a future business date as allowed by the CLM future date parameter.</u></p> <p><u>If the settlement date is not a CLM business day for the indicated currency the payment order will be rejected immediately.</u></p> <p>A payment order can be sent for the current business day or for a day in the future. The maximum number of days in the future is defined by a CLM parameter.</p> <p>If the settlement date is not a CLM business day the payment order will be rejected immediately.</p>
[...]	

Replace figure 93 (comprises 4 images) with 4 images below

264


```

<Pyld>
  <BizData xmlns="urn:iso:std:iso:20022:tech:xsd:head.003.001.01">
    <AppHdr xmlns="urn:iso:std:iso:20022:tech:xsd:head.001.001.01">
      <Fr>
        <FIId>
          <FinInstnId>
            <BICFI>COBAEFFXXX</BICFI>
            <ClrSysMmbId>
              <MmbId>BizSenderb010UserId</MmbId>
            </ClrSysMmbId>
          </FinInstnId>
        </FIId>
      </Fr>
      <To>
        <FIId>
          <FinInstnId>
            <BICFI>TRGTXEPMLM</BICFI>
          </FinInstnId>
        </FIId>
      </To>
      <BizMsgId>Inc050b010-BAHId</BizMsgId>
      <MsgDefId>camt.050.001.05</MsgDefId>
      <CreDt>2019-10-07T13:05:00Z</CreDt>
    </AppHdr>
    <Document xmlns="urn:iso:std:iso:20022:tech:xsd:camt.050.001.05">
      <LqdtYcdtTrf>
        <MsgHdr>
          <MsgId>NONREF</MsgId>
        </MsgHdr>
        <LqdtYcdtTrf>
          <LqdtYtrfId>
            <EndToEndId>Inc050b050-E2EId</EndToEndId>
          </LqdtYtrfId>
          <CdtrAcct>
            <Id>
              <Othr>
                <Id>MDEEURSOLADESTXXXSOLADESTXXX</Id>
              </Othr>
            </Id>
            </CdtrAcct>
            <TrfdAmt>
              <AmtwthCcy Ccy="EUR">100000.00</AmtwthCcy>
            </TrfdAmt>
            <DbtrAcct>
              <Id>
                <Othr>
                  <Id>MDEEURCOBADEFFXXXCOBADEFFXXX</Id>
                </Othr>
              </Id>
              </DbtrAcct>
            </LqdtYcdtTrf>
          </LqdtYcdtTrf>
        </Document>
      </BizData>
    </Pyld>
  </Xchg>

```

164 EUROSYSYSTEM UPDATE [RealBICs]: page 521 (CLM UDFS-chapter 14.1.4 Message type 2: single ISO 20022 message)

Replace figure 95 with the image below

The XML snippet is as follows:

```
<AppHdr xmlns="urn:iso:std:iso:20022:tech:xsd:head.001.001.01">
  <Fr>
    <FIId>
      <FinInstnId>
        <BICFI>MARKDEFFXXX</BICFI>
        <ClrSysMmbId>
          <MmbId>BizSenderb008UserId</MmbId>
        </ClrSysMmbId>
      </FinInstnId>
    </FIId>
  </Fr>
  <To>
    <FIId>
      <FinInstnId>
        <BICFI>TRGTXEPMCLM</BICFI>
      </FinInstnId>
    </FIId>
  </To>
  <BizMsgId>Inp009b008-BAHId</BizMsgId>
  <MsgDefId>pacs.009.001.08</MsgDefId>
  <CreDt>2019-10-07T10:00:00Z</CreDt>
  <Sgntc>...</Sgntc>
</AppHdr>
```

A blue bracket on the right side of the XML snippet points to the `<Fr>` and `<To>` sections, with a callout box containing the text: "Reference to the BAH, less the signature".

Replace figure 96 with the image below

The XML snippet is as follows:

```
<Document xmlns="urn:iso:std:iso:20022:tech:xsd:camt.050.001.05">
  <LqdtCdtTrf>
    <MsgHdr>
      <MsgId>NONREF</MsgId>
    </MsgHdr>
    <LqdtCdtTrf>
      <LqdtTrfId>
        <EndToEndId>Inc050b050-E2EId</EndToEndId>
      </LqdtTrfId>
      <CdtrAcct>
        <Id>
          <Othr>
            <Id>MDEEURSOLADESTXXXSOLADESTXXX</Id>
          </Othr>
        </Id>
      </CdtrAcct>
      <TrfdAmt>
        <AmtwthCcy Ccy="EUR">100000.00</AmtwthCcy>
      </TrfdAmt>
      <DbtrAcct>
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A green bracket on the right side of the XML snippet points to the `<LqdtCdtTrf>` section, with a callout box containing the text: "The application will provide the signature API with the relevant message".

Replace figure 97 (comprises 4 images) with 4 images below

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165 EUROSISTEM UPDATE [internal review]: page 525 (CLM UDFS-chapter 14.2 Index of validation rules and error codes)

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

Updates of validation rule table please refer to attached excel file on validation rules

166 EUROSISTEM UPDATE [ECB JIRA CSLD-669]: page 525 (CLM UDFS-chapter 14.2 Index of validation rules and error codes)

Change at page 605 – additional text

Reference for all technical and business validation rules is the UDFS, including the spreadsheet published on the ECB Website. The excel which can be downloaded from MyStandard can help the reader understand the elements of the message on which rules are applied, but it is not the reference in terms of validation rules: it may reference rules which are not implemented by T2. MyStandard (online screens or spreadsheet, which are equivalent) is the reference in term of the format definition: message structure and element multiplicity.

167 EUROSISTEM UPDATE [UDFS v2.2] on CLM example messages

Example files deleted since v2.1 - Addendum

admi.004_CLM_SystemEventNotification_CLMOperationsRelated_example
admi.004_CLM_SystemEventNotification_RejectTime_example

camt.998_CLM_GetValueOfMinimumReserve_bs145
camt.998_CLM_ReturnValueOfMinimumReserve_bs145
camt.998_CLM_GetValueOfMinimumReserve_bs146
camt.998_CLM_ReturnValueOfMinimumReserve_bs146

Example files inserted since v2.1 - Addendum
--

admi.004_CLM_SystemEventNotification_FREE_bs080
admi.004_CLM_SystemEventNotification_RJCT_bs079
camt.054_CLM_CreditNotification_AMLR_bs073
camt.054_CLM_CreditNotification_AMLS_bs073
camt.054_CLM_CreditNotification_MLIN_bs073
camt.054_CLM_DebitNotification_AMLR_bs073
camt.054_CLM_DebitNotification_AMLS_bs073
camt.054_CLM_DebitNotification_MLIN_bs073
camt.004_CLM_ReturnAccount_FLOR_bs084
camt.004_CLM_ReturnAccount_CEIL_bs084

Example files changed since v2.1 - Addendum

admi.005_CLM_ReportQueryRequest_bs066
admi.005_CLM_ReportQueryRequest_bs999
camt.003_CLM_AccountQuery_bs100
camt.003_CLM_AccountQuery_bs101
camt.004_CLM_ReturnAccount_bs100
camt.005_CLM_GetTransaction_bs102
camt.005_CLM_GetTransaction_bs103
camt.006_CLM_ReturnTransaction_bs102
camt.046_CLM_CurrentReservationsQuery_bs045
camt.046_CLM_CurrentReservationsQuery_bs046
camt.047_CLM_CurrentReservationsQueryResponse_Data_bs045
camt.048_CLM_ModifyCurrentReservation_bs047
camt.049_CLM_DeleteCurrentReservation_bs048
camt.049_CLM_DeleteCurrentReservation_bs049
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camt.050_CLM_LiquidityCreditTransfer_MCAMCA_bs050
camt.050_CLM_LiquidityCreditTransfer_MCAT2S_bs052
camt.050_CLM_LiquidityCreditTransfer_OvernightDeposit_bs053
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camt.053_CLM_BankToCustomerStatement_CB_GeneralLedger_Example
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camt.053_RTGS_BankToCustomerStatement_ECB_GeneralLedger_Example
camt.053_TIPS_BankToCustomerStatement_CB_GeneralLedger_Example
camt.053_TIPS_BankToCustomerStatement_ECB_GeneralLedger_Example
camt.054_CLM_CreditLineModificationNotification_bs064
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camt.054_CLM_CreditNotification_LIQT_bs050
camt.054_CLM_CreditNotification_PMNT_bs004
camt.054_CLM_DebitNotification_Billing_bs068
camt.054_CLM_CreditLineModificationNotification_bs064
camt.054_CLM_CreditLineModificationNotification_bs065
camt.998_CLM_AuthorisePenaltyMinimumReserve_bs143
camt.998_CLM_AuthorisePenaltyMinimumReserve_bs144
camt.998_CLM_GetPenaltyMinimumReserve_bs142
camt.998_CLM_InsertBalanceMinimumReserve_bs149
camt.998_CLM_InsertBalanceMinimumReserve_bs150
camt.998_CLM_InsertValueOfMinimumReserve_bs147

camt.998_CLM_InsertValueOfMinimumReserve_bs148
camt.998_CLM_ModifyCreditLine_INCR_bs065
camt.998_CLM_ModifyCreditLine_RPLC_bs064
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camt.998_CLM_ReturnPeriodicInformationMinimumReserve_bs151
camt.998_CLM_ReturnValueOfMinimumReserve_bs145
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Inbound_camt.056_CLM_PaymentCancellationRequest_bs007
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Inbound_pacs.009_CLM_FICreditTransferOrder_CONP_bs002
Inbound_pacs.010_CLM_FIDirectDebitOrder_bs005
Inbound_pacs.010_CLM_FIDirectDebitOrder_bs006
Inbound_pacs.010_CLM_FIDirectDebitOrder_bs007
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Outbound_camt.029_CLM_PaymentCancellationRequestStatus_Execution_bs006
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Outbound_head.001_CLM_BAH_(CLM-to-PB)_bs009

RTGS**168 EUROSYSTEM UPDATE [internal review]: page 35 (RTGS UDFS-chapter 1 Overview of RTGS); BIC-DN usage**

Change of term due to different meaning

RTGS UDFS-chapter 1 Overview of RTGS, page 35

[...]. Like all other DCAs, the RTGS DCA operates on a credit balance basis only, e.g. the credit line that is on the MCA may be used to increase the liquidity on the DCA by transferring liquidity from MCA to DCA.

169 EUROSYSTEM UPDATE [internal review]: page 38 (RTGS UDFS-chapter 2.1 Connectivity); Correction of inconsistency between ESMIG and RTGS UDFS

Correction of inconsistency between ESMIG and RTGS UDFS

RTGS UDFS-chapter 2.1 Connectivity, page 38

[...]

A2A connectivity

[...]

The A2A supports the following connectivity modes:

- | store-n-forward, message-based;
- | store-n-forward, file-based;
- | real-time, message-based;
- | ~~real-time, file based.~~

170 EUROSYSTEM UPDATE [ECB JIRA CSLD-329]: page 41 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors)

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

171 EUROSISTEM UPDATE [JIRA CSLD-0329]: page 44 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors); BIC-DN usage

Clarification on usage of BIC and DN

RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, page 44

Link routing information on technical and business level

[...] In case there is no link defined in CRDM, the inbound message is rejected as it cannot be forwarded to the intended business receiver.

For RTGS outbound communication, for both account BICs and multi-addressee BICs, each BIC can be linked to a single DN but the same DN can be linked to multiple BICs. The DN is derived from the Business Receiver BIC used in the header of the inbound message.

172 EUROSISTEM UPDATE [internal review]: page 42 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors); Correction of inconsistency between ESMIG and RTGS UDFS

Correction of inconsistency between ESMIG and RTGS UDFS

RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, page 42

Table 13 - Business data and communication channels

RTGS business data exchanges	Inbound communication request	Outbound communication response
[...]		
Queries	Real-time file-based , Real-time message-based	Real-time message-based, real-time file based [...]

173 EUROSISTEM UPDATE [internal review]: page 41 - 42 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors); Correction of inconsistency between ESMIG and RTGS UDFS

Correction of inconsistency between ESMIG and RTGS UDFS

RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, page 61-63

[...]

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

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

Table 14 - Business data and communication channels

RTGS business data exchanges	Inbound communication request	Outbound communication response
[...]		
Queries	Real-time file-based , Real-time message-based	Real-time message-based, real-time file-based [...]

[...]

Possible values for a channel are:

- | store-n-forward message-based;
- | store-n-forward file-based;
- | real-time message-based;
- | ~~real-time file-based.~~

174 EUROSISTEM UPDATE [internal review]: page 43 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors); Correction of inconsistency between ESMIG and RTGS UDFS

Correction of inconsistency between ESMIG and RTGS UDFS

RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, page 43

Table 3 – Deduction of PTA

RTGS business data exchanges	Communication channel	Deduction of PTA
------------------------------	-----------------------	------------------

[...]		
Responses to queries	Real-time message, real-time file : in case of time out store-n-forward message, store-n- forward file	[...]

175 EUROSYSYSTEM UPDATE [JIRA CSLD-0715]: page 43 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, Reference to CRDM)

Clarification on the relationship of DN and PTA

RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, page 43

Table 3 Deduction of PTA

A technical link will be set to CRDM UDFS v2.1.1 chapter 1.3.6 Network confirmation and add “related to DN BIC Routing”

176 EUROSYSYSTEM UPDATE [internal review]: page 44 (RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, RTGS platform BIC)

Adding RTGS platform BIC

RTGS UDFS-chapter 2.5 Communication between RTGS and RTGS Actors, page 44

[...]

Addressing of messages on business level when sent to RTGS

Messages which can be sent by RTGS Actors to RTGS are instructions and queries. While queries are always addressed to the RTGS platform BIC (TRGTXEPMRTG) , the addressing of instructions depends on the underlying business cases identified by different message types.

177 EUROSYSYSTEM UPDATE [internal review]: page 48 (RTGS UDFS-chapter 3.1.2 Concept of party in RTGS; 1:1 relation between party and party type)

Clarification on 1:1 relation between party and party type

RTGS UDFS-chapter 3.1.2 Concept of party in RTGS, page 48

Each party belongs to only one of the following party types according to the above mentioned hierarchical party model:

178 EUROSISTEM UPDATE [internal review]: page 48 (RTGS UDFS-chapter 3.1.2 Concept of party in RTGS, Replacing credit transfer by liquidity transfer)

Replacing cash transfer by liquidity transfer as payment banks are allowed to submit camt.050 to RTGS only
--

RTGS UDFS-chapter 3.1.2 Concept of party in RTGS, page 48

[...]

Payment banks represent RTGS Actors that own RTGS DCAs and/or RTGS sub-accounts. Payment banks are responsible for their own liquidity management. They are responsible for instructing ~~cash~~ liquidity transfers and monitoring the liquidity usage.

179 EUROSISTEM UPDATE [JIRA CSLD-0078]: page 52 (RTGS UDFS-chapter 3.1.5 Participation for the RTGS Directory); RTGS CB Account with regard to the multi-addressee access

Clarification that RTGS CB Accounts can have multi-addressee access

RTGS UDFS-chapter 3.1.5 Participation for the RTGS Directory, page 52

[...]

Multi-addressee access

RTGS Account Holders are able to authorise their branches and credit institutions belonging to their group to channel payments through the linked RTGS DCA/RTGS CB Account without their involvement by submitting/receiving cash transfers directly to/from RTGS.

The cash transfer order is settled on the linked RTGS DCA/RTGS CB Account.

180 EUROSISTEM UPDATE [internal review]: page 55 (RTGS UDFS-chapter 3.2.1 Account Types, Link between MCA and DCA)

More accurate description of links between MCA and DCAs

RTGS UDFS-chapter 3.2.1 Account types, page 55

[...]

RTGS DCA

A party holding at least one MCA [...] This link is the condition for automated liquidity transfers and one precondition for rule-based liquidity transfers due to queued payment orders or AS transfer orders.³

181 EUROSISTEM UPDATE [internal review]: page 57 (RTGS UDFS-chapter 3.2.1 Account types; Technical Accounts in the different AS procedures

Clarification for which AS procedures AS Technical Accounts are either mandatory or optional
--

RTGS UDFS-chapter 3.2.1 Account types, page 57

AS Technical Account

An AS technical account is an account used in the context of setting AS transfers. It is an intermediary account for the collection of debits/credits resulting from the settlement of balances. Furthermore, it can be used for transferring funds from the RTGS DCA into the ancillary system and vice versa. An AS technical account is mandatory for AS procedures A, B, C and D and optional for AS procedure E.

182 EUROSISTEM UPDATE [internal review]: page 55 (RTGS UDFS-chapter 3.2.1 Account Types, Link between MCA and DCA)

More accurate description of links between MCA and DCAs

RTGS UDFS-chapter 3.2.1 Account types, page 55

[...]

RTGS DCA

A party holding at least one MCA and at least one RTGS DCA must establish a one to one link between ~~their~~ its ~~default~~ MCA (called then “default MCA”) and one of its RTGS DCAs.

183 EUROSISTEM UPDATE [CSLD-0023-URD Editorial]: page 58 (RTGS UDFS-chapter 3.2.3 Functionalities – Floor/Ceiling)

Incorporation of additional possibility of rule-based liquidity transfers

| RTGS generates a rule-based inter-service liquidity transfer order to pull cash from the MCA to be debited in CLM (in the event the floor is breached) or push cash to the MCA to be credited in CLM (in the event the ceiling is breached).

³ In case of pending CBOs in CLM an automated liquidity transfer is sent to RTGS to pull liquidity from the default RTGS DCA.

| RTGS generates a rule-based intra-service liquidity transfer order between two RTGS accounts belonging to a CB:

- to pull an amount of liquidity to a RTGS CB Account subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that RTGS CB Account from an RTGS DCA belonging to a CB;
- to push an amount of liquidity from a RTGS CB Account subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that RTGS CB Account to an RTGS DCA belonging to a CB;
- to pull an amount of liquidity to an RTGS DCA belonging to a CB subject to the floor to reach a predefined target amount (that can be different from the floor amount) on that RTGS DCA from a RTGS CB Account;
- to push an amount of liquidity from an RTGS DCA belonging to a CB subject to the ceiling to reach a predefined target amount (that can be different from the ceiling amount) on that RTGS DCA to a RTGS CB Account.

The notification can be sent in A2A or U2A. Via A2A the floor and ceiling notification (ReturnAccount (camt.004) [□ 430]) is sent in case the RTGS Account Holder has chosen to be notified. Further details are provided in chapter Breach of floor/ceiling threshold - notification [□ 203].

184 EUROSISTEM UPDATE [internal review]: page 59 (RTGS UDFS-chapter 3.2.3

Functionalities – Rule-based liquidity transfers due to queued payment orders or AS transfer orders)

Incorporation of the term Associated Liquidity Transfer Account

For each RTGS DCA, an RTGS Account Holder can define in CRDM that in case a queued urgent payment order, an AS transfer order or a high priority payment order gets queued, RTGS generates a rule-based inter-service liquidity transfer order to pull the needed liquidity from the linked MCA in CLM (linked through the Associated Liquidity Transfer Account attribute).

185 EUROSISTEM UPDATE [internal review]: page 60 (RTGS UDFS-chapter 3.2.3

Functionalities – Standing order liquidity transfer order)

Clarifications on possible account combinations added

| intra-service liquidity transfer to an AS technical account at each automated start of mandatory procedure (AS settlement procedure D) – only applies to RTGS DCAs;

.

.

.

| inter-service liquidity transfer to a T2S DCA, a T2S CB account or a in another service (i.e. T2S or TIPS Account).

186 EUROSISTEM UPDATE [internal review]: page 61 (RTGS UDFS-chapter 3.2.3 Functionalities, Information double)

Deletion of double information

RTGS UDFS-chapter 3.2.3 Functionalities, page 61

[...]

~~For AS optional procedure C it is possible to define the standing order liquidity transfer to be processed for the start of mandatory and optional procedures.~~

187 EUROSISTEM UPDATE [internal review]: page 62 (RTGS UDFS-chapter 3.2.4 Messaging, Editorial)

Editorial change

RTGS UDFS-chapter 3.2.4 Messaging, page 62

[...]

Report configuration

Report configuration

RTGS Actors can configure one standard report (statement of accounts) that RTGS shall create during the end-of-day period (EoD). RTGS Actors can specify in their report configuration, whether such report shall be sent to the recipient immediately in A2A mode (push) or be stored for later downloading.

In addition, each report configuration defines the possible recipients, which can be either the report owning party itself or the responsible CB. This information is defined at the level of the cash account and it is up to the RTGS Actor to set up and maintain the report configuration in CRDM.

Further information on the report generation is provided in chapter RTGS report generation [□ 223].

~~Note: Specifiers for U2A only CLM Account Holders are described in the UHB.~~

Routing configuration

[...]

~~Note: Specifiers for U2A only RTGS Account Holders are described in the RTGS UHB.~~

188 EUROSISTEM UPDATE [internal review]: page 63 (RTGS UDFS-chapter 3.2.6 Closing of accounts still containing a balance; Business day event

Adaptation of business day event

RTGS UDFS-chapter 3.2.6 Closing of accounts still containing a balance, page 63

In case:

- I An account is foreseen to be closed as of next business day;
- I there is still money on that account at the business day event Start of EoD processing ~~end of daytime settlement phase~~ of the previous business day;

then RTGS will generate a ~~liquidity~~ cash transfer in the Start of EOD processing.

On one side this empties the position on the account (zero balance). On the other side this balance is credited on the default CB Account of the CB the RTGS Account Holder belongs to (see also chapter Process business day event "Cut-off for RTGS RTS-II" "Start of EoD processing"). *[Link will be set-up]*

If the RTGS account has a negative balance, the debtor and creditor sides are changed within this cash transfer.

This applies to all kind of cash accounts.

189 EUROSISTEM UPDATE [internal review]: page 64 (RTGS UDFS-chapter 3.3 Types of groups)

Groups are set up and managed exclusively in CRDM. Queries for Banking Groups and Account Monitoring Groups are made in CLM and not in RTGS.

Figures for Banking Group and Account Monitoring Group are also deleted.
--

Groups are used to cluster parties or accounts for different business needs. It is possible to set up and maintain a ~~Banking Group~~, a Liquidity Transfer Group, and a Settlement Bank Account Group ~~and an Account Monitoring Group~~ in ~~RTGS~~ CRDM.

The following table summarises the configuration responsibilities for each reference data object related to groups in ~~RTGS~~ CRDM and specifies the required communication mode:

Reference data object	Responsible actor	Entities	Mode
Banking Group	CB	Parties	U2A
Liquidity Transfer Group	CB	accounts	U2A
Account Monitoring Group	RTGS Account Holder	accounts	U2A
Settlement Bank Account Group	CB	accounts	U2A

Table 9 - Set-up of groups for RTGS

Further details on the set-up of the various groups are provided in the [CRDM](#) UHB.

Banking Group

A Banking Group is an optional group of parties. It grants a collective view over the liquidity of the involved parties to CBs. A Banking Group is used for liquidity monitoring purposes of CBs; they are not used for the context of payment orders or liquidity transfer orders settlement.

CBs can set up a Banking Group and specify the name of this group. The CB which sets up the Banking Group is defined as leader party of the Banking Group. All actions (set up, modify, delete) become effective as of the next business day or on the activation date. Each CB can then optionally link a party for which it is responsible to a Banking Group.

A Banking Group can include different parties belonging to one or multiple CBs. In such a case, the responsible CB of the party links the relevant party to the Banking Group. These parties can be linked to different settlement services (e.g. CLM, RTGS, T2S, TIPS).

Only CBs have the visibility of the accounts and balances of accounts within the defined Banking Group. Payment banks belonging to the Banking Group are still limited to their own data scope (accounts).

The following figure gives an example of a Banking Group setup:

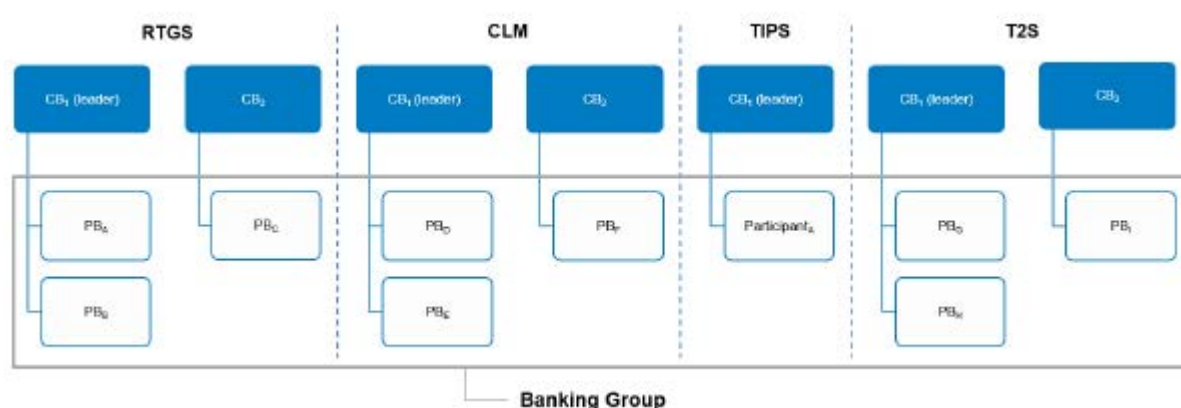


Figure 8 - Banking Group

Account Monitoring Group

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

Payment banks can set up an Account Monitoring Group and specify the name of this group. The account holder, which sets up the Account Monitoring Group, is defined as leader party of the Account Monitoring Group. Each payment bank can then optionally add DCAs in his data scope to the Account Monitoring Group. All actions (set up, modify, delete) become effective as of the next business day or on the activation date.

The leader party of the Account Monitoring Group can afterwards be changed in case of need by the responsible CB.

A DCA can be included in one or several Account Monitoring Groups. An Account Monitoring Group can include accounts owned by several parties belonging to one or multiple CBs. In such a case, the account holder links its relevant accounts to the Account Monitoring Group. These parties can be linked to different settlement services (e.g. CLM, RTGS, T2S, TIPS).

The following figure gives an example of an Account Monitoring Group setup:

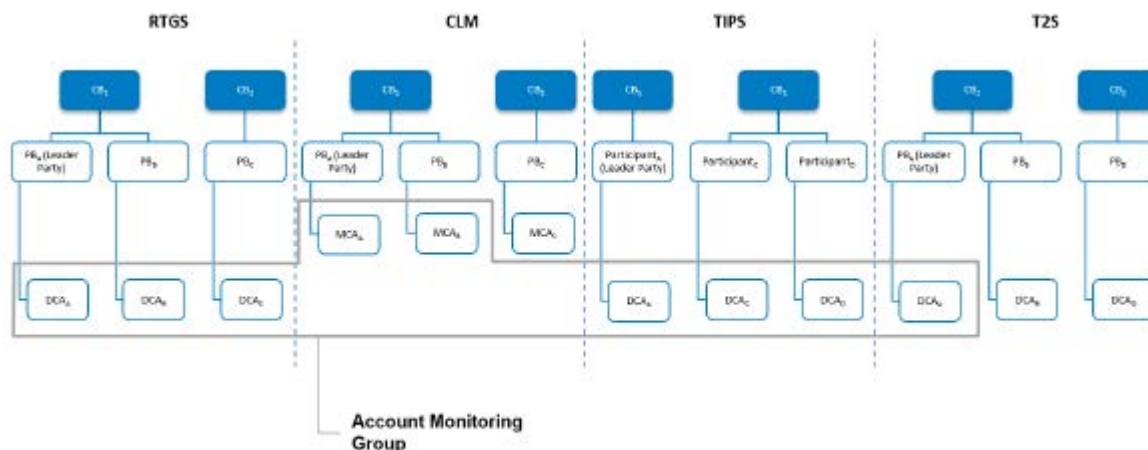


Figure 9 - Account Monitoring Group

[...]

190 EUROSYSYSTEM UPDATE [Internal review] page 71 (RTGS UDFS-chapter 3.4 Shared reference data)

Adding a new chapter 3.5 Local reference data

3.5 Local reference data

Backup payments

This functionality can only be used, once the responsible CB has authorised the affected RTGS DCA account holder upon request to use this functionality.

[...]

191 EUROSYSYSTEM UPDATE [internal review]: page 71 (RTGS UDFS-chapter 3.4 Shared reference data; change of “RTGS DCA” to “RTGS Account Holder”

Change of term “RTGS DCA” to “RTGS account holder”
--

This functionality can only be used, once the responsible CB has authorised the affected RTGS ~~DCA~~account holder upon request to use this functionality.

RTGS UDFS-chapter 3.4 Shared reference data, page 71

Table 13 Backup payments

Activity	Description	Responsibility
Activate backup payments	Activation of backup payment for the RTGS DCA <u>account holder</u>	CB, operator
[...]		
Deactivate value date	This allows the deactivation of the value date check for the selected RTGS DCA <u>account holder</u>	CB, operator

192 EUROSISTEM UPDATE [Internal review] page 71 (RTGS UDFS-chapter 3.5 Interaction between RTGS and CRDM)

Change of chapter number due to adding of new chapter 3.5 Local reference data

~~3.5~~ 3.6 Interaction between RTGS and CRDM

193 EUROSISTEM UPDATE [internal review]: page 87 (RTGS UDFS-chapter 4.4.4.5 Cut-offs in RTGS RTSII)

Editorial change

RTGS UDFS-chapter 4.4.4.5 Cut-offs in RTGS RTSII, page 87

RTGS processes	Events and description of the processes
[...]	
Emptying sub-accounts	RTGS transfers remaining liquidity on sub-accounts to the linked RTGS DCAs
[...]	
Execution of standing order liquidity transfer order after last settlement attempt	<p>Event (not time-based):</p> <p><i>Execution of standing orders after last settlement attempt in RTGS</i></p> <p>RTGS collects and processes RTGS standing order liquidity transfer orders defined for event <i>Execution of standing orders after last settlement attempt in RTGS</i> after all other cash transfer orders are in a final status.</p>
Emptying sub-accounts	RTGS transfers remaining liquidity from sub-accounts to the linked RTGS DCAs

194 EUROSISTEM UPDATE [internal review]: page 91 (RTGS UDFS-chapter 5.1.1 Overview)

Files and messages that RTGS receives from submitting actors are subject to validation checks ensuring that the requirements for processing and settlement have been fulfilled. The validation process can be broken down into two steps: ~~both~~ a technical validation and a business validation.

195 EUROSYSYSTEM UPDATE [Internal review]: page 92 (RTGS UDFS-chapter 5.1.3 Business Validation); Clarification

[...]

~~In case of a cash transfer initiated via U2A, the failed validations are shown directly on the GUI screen.~~

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

196 EUROSYSYSTEM UPDATE [JIRA CSLD-0669]: page 92 (RTGS UDFS-chapter 5.1.2 Technical validation, Reference to chapter in part III of the UDFS)

Reference to chapter in part III of the UDFS
--

RTGS UDFS-chapter 5.1.2 Technical validation, page 92

RTGS performs the technical validation to the extent possible in order to report the maximum number of identifiable errors. RTGS sends a negative ReceiptAcknowledgement (admi.007) message that reports the error(s) to the submitting actor when the technical validation fails. Chapter Index of validation rules and error codes provides further information on the business rules and the respective error codes for files and messages. [link to chapter 13.1 is set-up]

197 EUROSYSYSTEM UPDATE [internal review]: page 87 (RTGS UDFS-chapter 5.1.3 Business validation)

The business validation is the process ensuring that the information in a message is correct for ~~settlement or execution~~ further processing.

198 EUROSYSYSTEM UPDATE [Impact of BANCO/MIB decision] page 93 (RTGS UDFS-chapter 5.2 Cash transfer orders and cash transfers in RTGS)

Proposal for updates in CLM and RTGS UDFS v2.2 to reflect the MIB/BANCO decision on cash operations in T2.
--

New footnote

The following cash transfer order types can be used new footnote:

[...]

Table 23 - Cash transfer order types in RTGS

new footnote For cash withdrawals and lodgements in RTGS, a camt.050, a pacs.010 or pacs.009 may be used. However, none of the RTGS cash transfer orders can rely on a reservation framework dedicated to withdrawals and lodgements.

199 EUROSISTEM UPDATE [JIRA CSLD-0078]: page 97 (RTGS UDFS-chapter 5.3.1.2 Payments sent from multi-addressee to an RTGS Account Holder); RTGS CB Account with regard to the multi-addressee access

Clarification that RTGS CB Accounts can have multi-addressee access

RTGS UDFS-chapter 5.3.1.2 Participation for the RTGS Directory, page 97

A multi-addressee is an entity that an RTGS Account Holder has authorised to submit cash transfer orders for settlement on the RTGS DCA/RTGS CB Account of the RTGS Account Holder. The comprehensive list of possible cash transfer order types that can be submitted is provided in the table “Table 24 Possible cash transfer order types.

200 EUROSISTEM UPDATE [internal review]: page 98 (RTGS UDFS-chapter 5.3.1.2 Payments sent from a multi-addressee to an RTGS Account Holder)

Step	Description
1	The RTGS multi-addressee sends a payment order (CustomerCreditTransfer (pacs.008) [] Error! Bookmark not defined. or FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) [] Error! Bookmark not defined.) through ESMIG to RTGS.
2	RTGS validates the message and accepts the payment order when the message validation is successful. RTGS settles the payment order on the RTGS DCAs of RTGS Account Holders A and B.
3	RTGS sends through ESMIG a settlement notification for the payment (PaymentStatusReport (pacs.002) [] Error! Bookmark not defined.) to the multi-addressee if the multi-addressee has subscribed to the notification a message subscription has been set up for this notification.
4	In a mandatory processing step, RTGS creates and forwards through ESMIG the payment order (CustomerCreditTransfer (pacs.008) [] Error! Bookmark not defined. or FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) [] Error! Bookmark not defined.) to

	RTGS Account Holder B.
--	------------------------

Table 26 - Process description for figure - message flow example for a multi-addressee that sends a payment order

201 EUROSISTEM UPDATE [JIRA CSLD-0462]: page 113 - 117 (RTGS UDFS-chapter 5.3.8 Payment order revocation and payment recall); example negative recall

Adding example negative recall

RTGS UDFS-chapter 5.3.8 Payment order revocation and payment recall, page 113 - 117

[...]

Further information on the A2A processing is provided in chapters Request payment order revocation or recall and Reject or confirm payment order recall.

In the following ~~two~~ three simplified examples are provided.

Example 1 [...]

Example 2 – Negative recall

The following figure provides a simplified example of a negative recall (i.e. recipient refuses returning the funds)

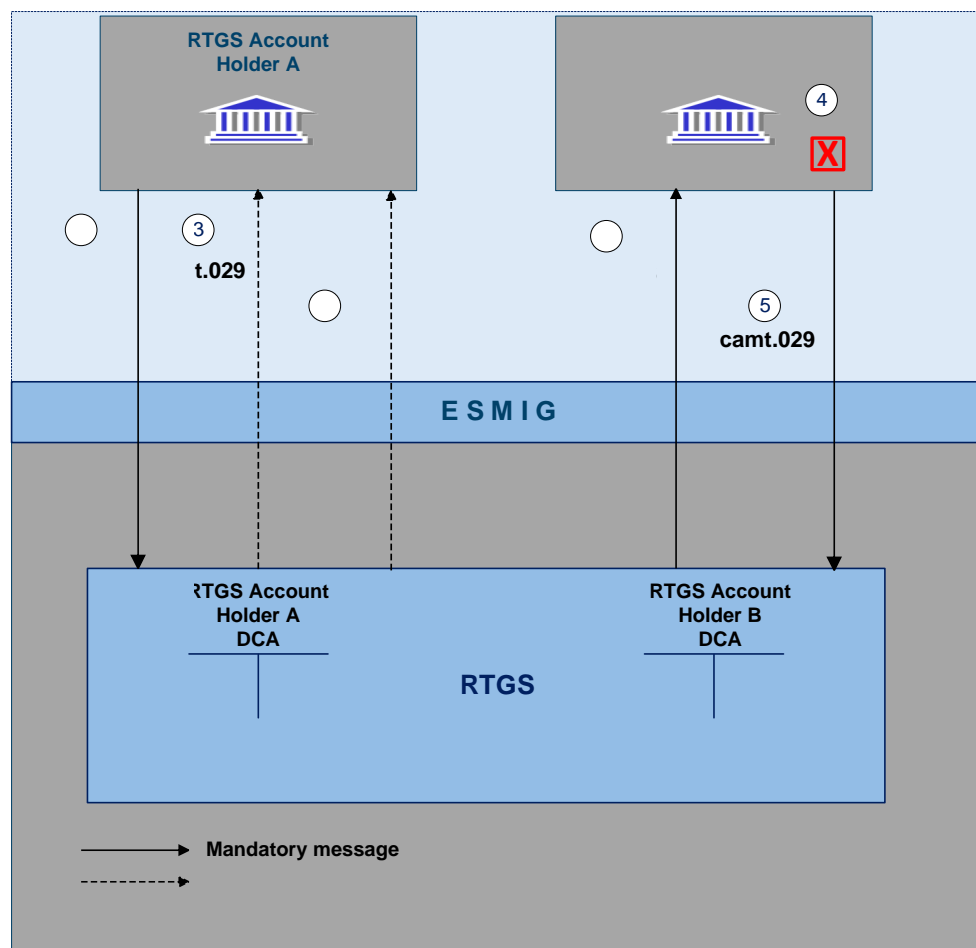


Figure xx - Message flow example for a negative payment order recall

Step	Description
1	RTGS Account Holder A sends a FIToFIPaymentCancellationRequest (camt.056) through ESMIG to RTGS to request the recall of an already settled payment.
2	RTGS sends a FIToFIPaymentCancellationRequest (camt.056) through ESMIG to the RTGS Account Holder B.
3	RTGS sends a ResolutionOfInvestigation (camt.029) on an optional basis through ESMIG to the RTGS Account Holder A to inform of the forwarding of the FIToFIPaymentCancellationRequest (camt.056).
4	RTGS Account Holder B checks (outside of RTGS) the requested recall.

5	RTGS Account Holder B sends a ResolutionOfInvestigation (camt.029) through ESMIG to RTGS.
6	RTGS sends a ResolutionOfInvestigation (camt.029) on an optional basis through ESMIG to the RTGS Account Holder A to inform that RTGS Account Holder B has rejected the recall request.

Table xx - Process description for figure - message flow example for a negative payment order recall

Used messages

- I ResolutionOfInvestigation (camt.029)
- I FIToFIPaymentCancellationRequest (camt.056)

Example 23 – Successful revocation

[...]

202 EUROSISTEM UPDATE [internal review]: page 121 (RTGS UDFS-chapter 5.3.9.2 Comprehensive queue management);

Incorporation of term Associated Liquidity Transfer Account

Note: Depending on the configuration chosen by the RTGS Account Holder for its RTGS DCA, in case of queued urgent payment orders, AS transfer orders or high priority payment orders an inter-service liquidity transfer might be triggered in order to transfer liquidity from the linked MCA (linked through the Associated Liquidity Transfer Account attribute) to the RTGS DCA.

203 EUROSISTEM UPDATE [internal review]: page 125 (RTGS UDFS-chapter 5.3.9.2 Comprehensive queue management); Clarifying scope of table 45

Wording aligned with CLM UDFS v2.1, chap 5.3.8.3
--

RTGS UDFS-chapter 5.3.9.2 Comprehensive queue management, page 125

Table 45 Effect of changing the execution time [...]

Note: Since the deletion or modification of the latest debit time indicator has no direct effect on the queue management, it has not been considered in the table.

204 EUROSISTEM UPDATE [CR CSLD-0030-URD]: page 133 (RTGS UDFS-chapter 5.4.1 Overview)

An ancillary system defines a system which clears and/or exchanges payments or securities, while the ensuing monetary obligations are settled in another system, typically an RTGS system. Ancillary systems can be:

I retail payment systems;

I ~~large-high~~ value payment systems;

I instant payment system;

I foreign exchange settlement systems;

I money market settlement systems;

I clearing houses (central counterparties);

I ~~S~~securities ~~S~~settlement ~~S~~systems (SSS).

I Other

By specifying one of those values a CB can define the transaction category for the Statistical Classification Framework.

RTGS provides ancillary systems with functionality to settle AS transfer orders in central bank money.

205 EUROSISTEM UPDATE [internal review]: page 139 (RTGS UDFS-chapter 5.4.2 AS settlement procedure A)

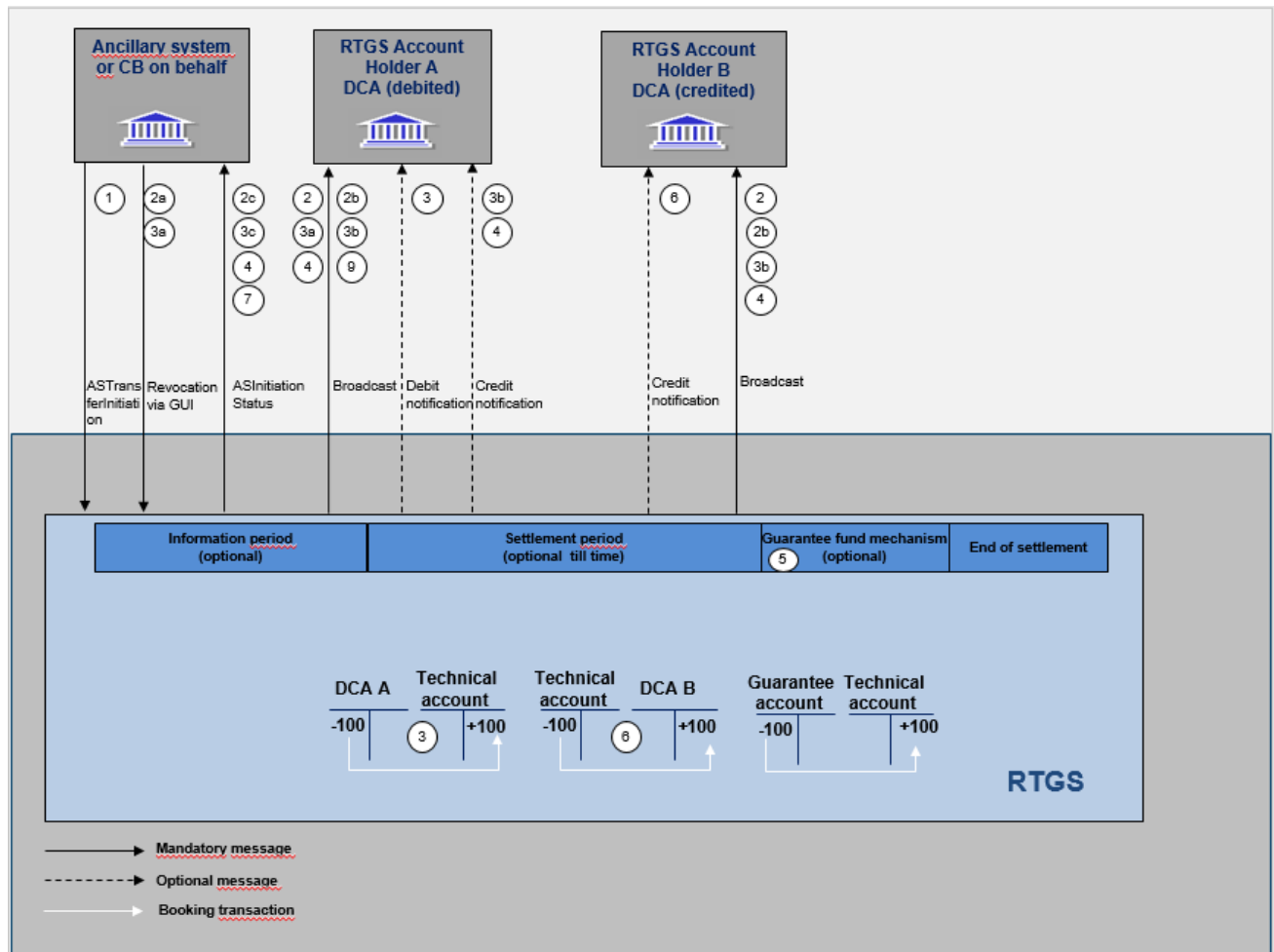


Figure 30 - Flow standard multilateral settlement (AS settlement procedure A)

206 EUROSISTEM UPDATE [JIRA CSLD-0084]: page 140 (RTGS UDFS-chapter 5.4.2 AS settlement procedure A); Revocation of AS batch

Clarification on revocation of AS batches

RTGS UDFS-chapter 5.4.2 AS settlement procedure A, page 140

Table 54 Process flow for standard multilateral settlement

Step 2a:

If an AS settlement bank disagrees, no settlement is triggered. The AS or the CB of the AS revokes the full AS batch message via GUI.

207 EUROSYSYSTEM UPDATE [internal review]: page 140 (RTGS UDFS-chapter 5.4.2 AS settlement procedure A); Informing of AS settlement bank on queuing

Correction of a typo

RTGS UDFS-chapter 5.4.2 AS settlement procedure A, page 140

Table 54 Process flow for standard multilateral settlement

Step 2:

If the information period is used, ~~the~~ all AS settlement banks [...]

208 EUROSYSYSTEM UPDATE [internal review]: page 140 (RTGS UDFS-chapter 5.4.2 AS settlement procedure A); Correction of typo

Information has beed added that the AS settlement bank is informed by a GUI broadcast message

RTGS UDFS-chapter 5.4.2 AS settlement procedure A, page 140

Table 54 Process flow for standard multilateral settlement

Step 3:

[...] If liquidity is not sufficient the AS transfer is posted in queue. The AS settlement bank included in the AS batch message whose payment was posted in queue is informed about the queuing by a GUI broadcast message.

209 EUROSISTEM UPDATE [internal review]: page 143 (RTGS UDFS-chapter 5.4.3 AS settlement procedure B)

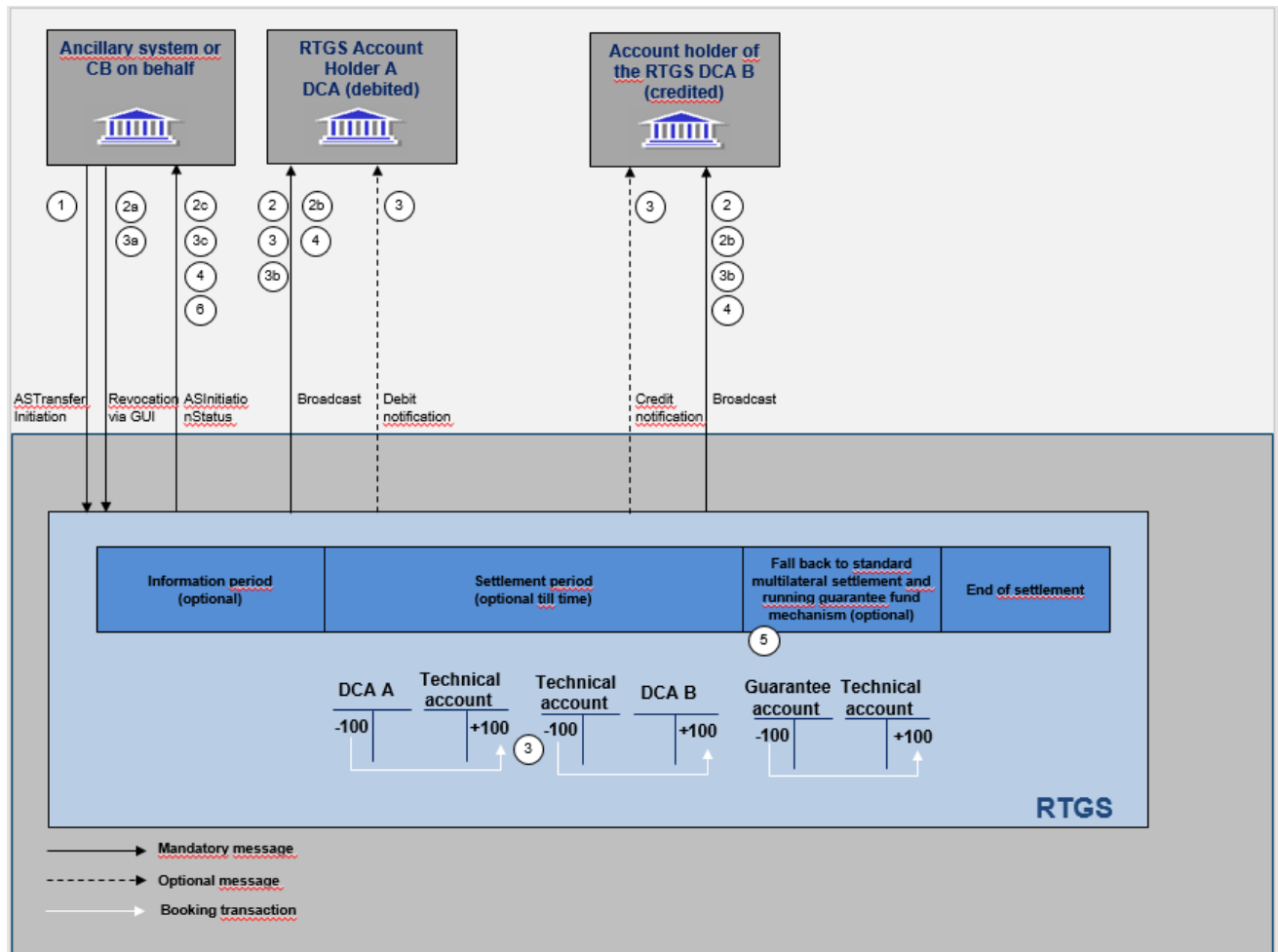


Figure 31 - Flow simultaneous multilateral settlement (AS settlement procedure B)

210 EUROSISTEM UPDATE [internal review]: page 144 (RTGS UDFS-chapter 5.4.3 AS settlement procedure B)

Phase	Step	Processing in/between	Description
Information period	2a	RTGS	-The AS or the CB of the AS <u>revokes the full AS batch message via GUI.</u>
[...]	[...]	[...]	[...]

Table 55 - Process flow for simultaneous multilateral settlement

211 EUROSYSYSTEM UPDATE [Internal review]: page 144 (RTGS UDFS-chapter 5.4.3 AS settlement procedure B); Revocation of AS batches

Phase	Step	Processing in/between	Description
Settlement	3	RTGS	<p>[...]</p> <p>After the first <u>each</u> unsuccessful settlement attempt a GUI broadcast is sent to all AS settlement banks included in the AS batch message to be debited. (Note: It is not foreseen to provide this broadcast in A2A)</p>

Table 55 - Process flow for simultaneous multilateral settlement

212 EUROSYSYSTEM UPDATE [internal review]: page 149 (RTGS UDFS-chapter 5.4.4.1 AS settlement procedure C)

Liquidity transfer type	Initiator	Mandatory procedure	Optional procedure
Immediate liquidity transfer order	AS settlement bank <u>(or CB on behalf)</u>	<p>Rejected if liquidity is not sufficient to execute the immediate liquidity transfer order amount requested.</p> <p>In case an urgent cash transfer order is pending in queue and has been submitted earlier than the immediate liquidity transfer order, the immediate liquidity transfer order is rejected.</p>	<p>Rejected if liquidity is not sufficient to execute the immediate liquidity transfer order amount requested.</p> <p>In case an urgent cash transfer order is pending in the queue, the immediate liquidity transfer order is rejected.</p>

Table 57 - Amounts taken into account

213 EUROSYSYSTEM UPDATE [internal review]: page 153 (RTGS UDFS-chapter 5.4.4.1 AS settlement procedure C)

Phase	Step	Processing with	Description
Blocking of liquidity	11	RTGS via ESMIG to ancillary system	<p>Once the cycle is started, the liquidity on the sub-accounts is blocked as long as the cycle is open. Any immediate liquidity transfer order on the sub-account is executed only in case of a liquidity increase (AS is notified by <u>ReturnAccount (camt.004) [] Error! Bookmark not defined.</u>] message <u>or by AS Initiation status pain.998 depending on the inbound message type</u>).</p> <p>The ancillary system is notified of the liquidity blocked on all sub-accounts with <u>ReturnAccount (camt.004) [] Error! Bookmark not defined.</u>] message.</p>

Table 58 - Start of procedure and liquidity provision

214 EUROSYSYSTEM UPDATE [internal review]: page 157 (RTGS UDFS-chapter 5.4.4.2 AS settlement procedure D)

Liquidity transfer type	Initiator	Mandatory procedure
Immediate liquidity transfer order	AS settlement bank (<u>or CB on behalf</u>)	<p>Rejected if liquidity is not sufficient to execute the immediate liquidity transfer order amount requested.</p> <p>In case an urgent cash transfer order is pending in the queue, the immediate liquidity transfer order will be rejected.</p>

Table 59 - Amounts taken into account

215 EUROSYSYSTEM UPDATE [internal review]: page 161 (RTGS UDFS-chapter 5.4.4.3 Cross-ancillary system settlement)

AS using AS settlement procedure D to an AS using AS settlement procedure C

With this AS transfer the AS technical account of the sending ancillary system on behalf of an AS settlement bank is debited in order to credit the sub-account of one of the AS settlement banks of the receiving ancillary system. The receiving ancillary system is notified with an ASTransferNotice about the incoming liquidity on the sub-account including the information of the resulting balance. The receiving ancillary system has the possibility to use this credit immediately. In case the liquidity on the technical account is insufficient, the AS transfer is rejected. The sending ancillary system or its CB on behalf is notified with an ASInitiationStatus about the outcome of the request. On an optional basis the AS settlement bank of the receiving ancillary system is notified with a credit notification (BankToCustomerDebitCreditNotification (camt.054) [} 514]). If the settlement request was sent by the CB on behalf of the sending ancillary system, then it is notified on its execution with a ReturnAccount message.

AS using AS settlement procedure D to an AS using AS settlement procedure D

With this AS transfer the AS technical account of the sending ancillary system on behalf of an AS settlement bank is debited in order to credit the AS technical account of the receiving ancillary system in favour of one of the AS settlement banks. The receiving ancillary system is notified with an ASTransferNotice about the incoming liquidity including the information of the resulting balance. The receiving ancillary system has the possibility to use this credit immediately. In case the liquidity on the technical account is insufficient, the AS transfer is rejected. The sending ancillary system or its CB on behalf is notified with an ASInitiationStatus about the outcome of the request. If the settlement request was sent by the CB on behalf of the sending ancillary system, then it is notified on its execution with a ReturnAccount message.

216 EUROSISTEM UPDATE [internal review]: page 163 (RTGS UDFS-chapter 5.4.5 AS settlement procedure E)

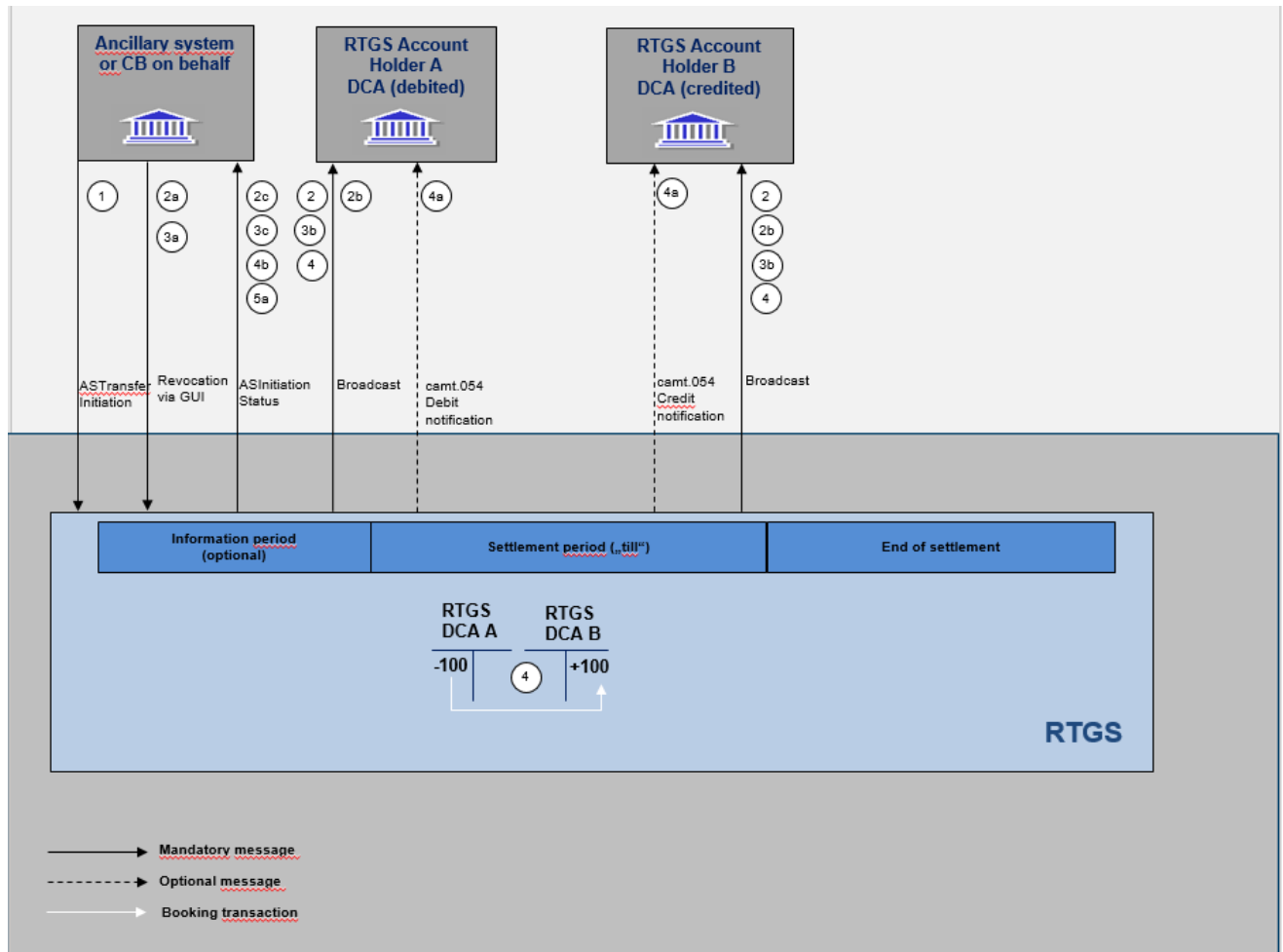


Figure 34 - Flow of the bilateral settlement of simultaneously sent debits and credits (AS settlement procedure E)

217 EUROSISTEM UPDATE [internal review]: page 164 (RTGS UDFS-chapter 5.4.5 AS settlement procedure E)

Clarification on revocation of AS batch

RTGS UDFS-chapter 5.4.5 AS settlement procedure E, page 164

Table 61 Process flow for AS settlement procedure E

Step 2a:

~~If an AS settlement bank disagrees on one or more single AS transfer orders, no settlement is triggered for the pertaining AS transfer orders. The relevant CB or the AS will revoke the pertaining AS transfer orders via GUI one by one.~~

218 EUROSISTEM UPDATE [internal review]: page 164 (RTGS UDFS-chapter 5.4.5 AS settlement procedure E)

Phase	Step	Processing in/between	Description
Settlement	3a	RTGS	The CB of the ancillary system <u>or the AS</u> is allowed to revoke AS transfers as long as they are not final.
[...]	[...]	[...]	[...]

Table 61 - Process flow for AS settlement procedure E

219 EUROSISTEM UPDATE [internal review]: page 168 (RTGS UDFS-chapter 5.4.6.2 Information period)

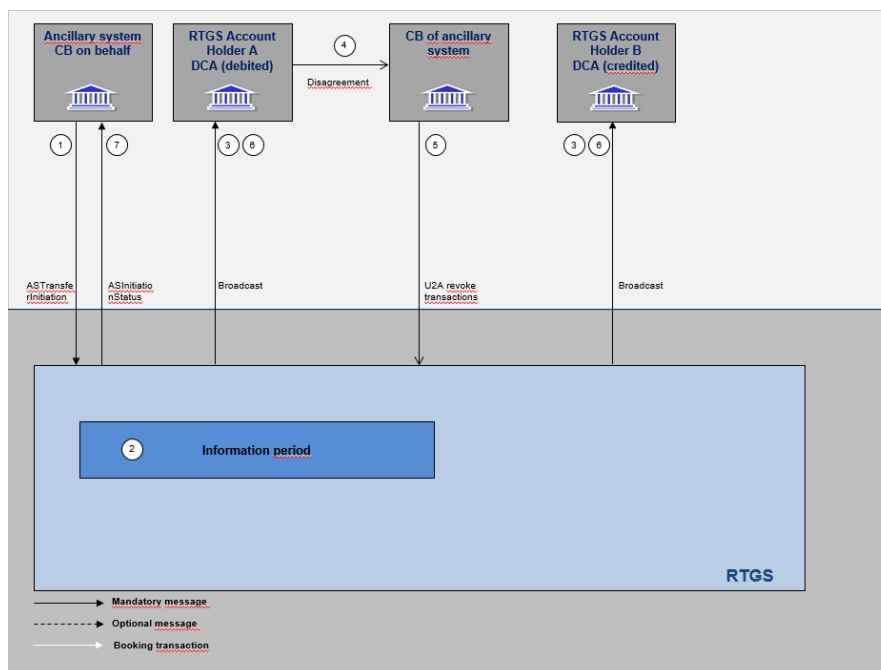


Figure 35 - Flow information period

220 EUROSISTEM UPDATE [internal review]: page 167 (RTGS UDFS-chapter 5.4.6.2 Information period, Scope of information provided when choosing the option information period)

Clarification on the information provided in case the option information period is chosen

RTGS UDFS-chapter 5.4.6.2 Information period, page 167

[...]

The information period option can be used by indicating a specific end time (within the operational hours for AS processing) or duration (the calculated end time as well has to be within the operational hours for AS processing) within an ASTransferInitiation message. The start time of the information period is the time of reception after validations. The usage of this option leads to:

- ! information about the ~~needed liquidity~~ and specified settlement time to AS settlement banks;
- ! possibility for AS settlement banks to disagree on the amount.

221 EUROSISTEM UPDATE [JIRA CSLD-0753]: page 167 (RTGS UDFS-chapter 5.4.6.2 Information period; Revocation of AS transfers in AS procedure E

Clarification how is allowed to revoke AS transfers in AS procedure a, B and E

RTGS UDFS-chapter 5.4.6.2 Information period, page 167

[...] The business rules and regulations for disagreements need to be defined by the ancillary system and the relevant CB. ~~Anyway, RTGS technically always allows the AS and the CB on behalf of the AS ancillary system to revoke the pertaining set of AS transfers batches or individual AS transfers orders in the context of AS settlement procedure A, B and E, i.e. there is no parameter controlling whether disagreement procedures are defined or not on the level of ancillary systems, their AS settlement banks and the ancillary system's CB.~~

222 EUROSISTEM UPDATE [internal review]: page 168 (RTGS UDFS-chapter 5.4.6.2 Information period; Revocation of AS transfers in AS procedure E

Clarification how is allowed to revoke AS transfers in AS procedure E

RTGS UDFS-chapter 5.4.6.2 Information period, page 168

Table 63 Process flow information period with disagreement

Step 3: 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 A DCA (credited)) are informed via GUI broadcast on the indicated start of settlement period and the needed amount of liquidity.

223 EUROSYSYSTEM UPDATE [internal review]: page 170 (RTGS UDFS-chapter 5.4.6.3 Settlement period; Revocation of AS transfers

Clarification who is allowed to revoke AS transfers in AS procedure A, B and E

RTGS UDFS-chapter 5.4.6.3 Settlement period, page 182

[...].

Note: [...]

In case no settlement period ("till") is used, the settlement period ends after final settlement or rejection of all transactions presented in the ASTransferInitiation message or, if one or several transactions are not executed due to missing liquidity, until the end of operational hours for AS processing. The relevant CB on behalf of the AS or the AS itself can revoke batches or AS transfer orders via the GUI in the settlement period.

224 EUROSYSYSTEM UPDATE [internal review]: page 173 (RTGS UDFS-chapter 5.5.2.1 Overview

Changes in chapter 5.5.2.1 based internal review and alignment of possible account combinations among services. Amendments are incorporated in RTGS UDFS 2.1 including CR0045 addendum document.

deletion of footnote #22 and #23 as TIPS CR already approved

inclusion of two new footnotes specified below

In general, liquidity transfers debiting an RTGS DCA, an RTGS CB Account or an RTGS sub-account are initiated either in A2A or U2A by the RTGS Account Holder or by another authorised RTGS Actor (e.g. an ancillary system, the CB on behalf or another authorised credit institution).

The following use cases for liquidity transfers exist in RTGS:

- | intra-service liquidity transfer between two RTGS DCAs (within a defined Liquidity Transfer Group);
- | intra-service liquidity transfer between an RTGS DCA and an RTGS CB Account (including rule-based liquidity transfers for RTGS DCA belonging to a central bank modelled as party of party type "payment bank");
- | intra-service liquidity transfer between an RTGS DCA and a linked sub-account (AS settlement procedure C);
- | ~~intra-service liquidity transfer between an RTGS DCA and a sub-account (AS settlement procedure C);~~
- | intra-service liquidity transfer between an RTGS DCA and an AS technical account (AS settlement procedure D);
- | intra-service liquidity transfer between two RTGS CB Accounts (including rule-based liquidity transfers);
- | intra-service liquidity transfer between an RTGS CB Account and an RTGS sub-account;

- | intra-service liquidity transfer between an RTGS CB Account and an AS technical account;
- | inter-service liquidity transfer between an RTGS DCA and an MCA (including automated and rule-based liquidity transfers);
- | inter-service liquidity transfer between an RTGS DCA and a CLM CB Account (including rule-based liquidity transfers for RTGS DCAs belonging to a central bank modelled as party of party type "payment bank");
- | inter-service liquidity transfer ~~between~~ from an RTGS DCA ~~and to~~ an overnight deposit account;
- | inter-service liquidity transfer between an RTGS CB Account and a CLM CB Account (including rule-based liquidity transfers);
- | inter-service liquidity transfer between an RTGS CB Account and an MCA (including rule-based liquidity transfers for MCAs belonging to a central bank modelled as a party of party type "payment bank");
- | inter-service liquidity transfer ~~between~~ from an RTGS CB Account ~~and to~~ an overnight deposit account;
- | inter-service liquidity transfer between an RTGS CB Account and a T2S CB Account;
- | inter-service liquidity transfer between an RTGS CB Account and a T2S DCA;
- | inter-service liquidity transfer between an RTGS CB Account and a TIPS Account;
- | inter-service liquidity transfer between an RTGS DCA and a T2S CB Account;
- | inter-service liquidity transfer between an RTGS DCA and a T2S DCA;
- | inter-service liquidity transfer between an RTGS DCA and a TIPS Account⁴;
- | inter-service liquidity transfer between an RTGS sub-account and an MCA ~~and an RTGS sub-account~~;
- | inter-service liquidity transfer between ~~a CLM CB Account and an RTGS sub-account~~ and a CLM CB Account;
- | inter-service liquidity transfer ~~between from an overnight deposit account and an RTGS sub-account~~ to an overnight deposit account;
- | inter-service liquidity transfer between a T2S DCA and an RTGS sub-account⁽¹⁾;
- | inter-service liquidity transfer between a T2S CB Account and an RTGS sub-account⁽²⁾;
- | inter-service liquidity transfer between an RTGS sub-account and a TIPS Account ~~and an RTGS sub-account~~⁵

(1) footnote to be added stating : Change of functionality is subject to the approval of CR0058

(2) footnote to be added stating : Change of functionality is subject to the approval of CR0058

225 EUROSYSYSTEM UPDATE [internal review]: page 175 (RTGS UDFS-chapter 5.5.2.1 Overview

Alignment of possible account combinations for liquidity transfers
--

A liquidity transfer order can be executed **within** RTGS (i.e. an intra-service liquidity transfer order) only if:

- | all involved RTGS DCAs belong to the same Liquidity Transfer Group;
- | a CB Account is involved;
- | it is a liquidity transfer between an RTGS DCA and the sub-account(s) linked to this RTGS DCA (AS settlement procedure C);
- ~~| it is a liquidity transfer between an RTGS DCA and an RTGS sub-account (AS settlement procedure C);~~
- | it is a liquidity transfer between an RTGS CB Account and an RTGS sub-account (AS settlement procedure C);
- | it is a liquidity transfer between an RTGS DCA and an AS technical account (AS settlement procedure D);
- | it is a liquidity transfer between an RTGS CB Account and an AS technical account (AS settlement procedure D).

226 EUROSISTEM UPDATE [internal review]: page 177 (RTGS UDFS-chapter 5.5.2.1 Overview)

Alignment of table 68 with previous chapters in RTGS UDFS and including two new footnotes (1) and (2) stating: Change of the functionality is subject to approval of CR0058. Updates based on RTGS UDFS 2.1 including CR0045

Initiator	Use cases	Message identifier
RTGS Account Holder (or authorised RTGS Actor)	<ul style="list-style-type: none"> Intra-service liquidity transfer between two RTGS DCAs (within a defined Liquidity Transfer Group) Intra-service liquidity transfer between an RTGS DCA and a linked sub-account (AS settlement procedure C) Intra-service liquidity transfer from an RTGS DCA or RTGS sub-account to an RTGS CB Account Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a CLM MCA Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a T2S DCA(1) Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a TIPS Account Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to a T2S CB Account(2) Inter-service liquidity transfer from an RTGS DCA or RTGS sub-account to an overnight deposit account Inter-service liquidity transfer from an RTGS DCA or RTGS 	LiquidityCreditTransfer (camt.050)

	sub-account to a CLM CB Account	
RTGS Account Holder (or authorised RTGS Actor)	Intra-service liquidity transfer from an RTGS DCA to an AS technical account (AS settlement procedure D)	FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) with code word "SBTI"

227 EUROSISTEM UPDATE [internal review]: page 180 (RTGS UDFS-chapter 5.5.2.4.1 Immediate intra-service liquidity transfer between two RTGS DCAs)

Deletion of redundant account combination, alignment of possible account combinations and editorial changes. Change is based on RTGS UDFS 2.1 including CR0045 addendum document

In case a Liquidity Transfer Group was set up by the responsible CB, it is possible to settle an intra-service liquidity transfer order between two RTGS DCAs. The following figure provides a high-level description of the message flow.

Note: The set-up of a Liquidity Transfer Group is required for all intra-service liquidity transfers between two DCAs even if the RTGS DCA to be debited and the RTGS DCA to be credited belong to the same party.

[...]

In addition to the intra-service liquidity transfer between two RTGS DCAs (within a Liquidity Transfer Group), the following use cases are also considered to be intra-RTGS liquidity transfers.

- I Liquidity transfer from an RTGS DCA to a linked sub-account dedicated to an ancillary system using the AS settlement procedure C (and vice versa);
- I ~~Liquidity transfer from an RTGS DCA to a sub-account dedicated to an ancillary system using the AS settlement procedure C;~~
- I Liquidity transfer from an RTGS CB Account to a sub-account dedicated to an ancillary system using the AS settlement procedure C;
- I Liquidity transfer from an RTGS DCA to the technical account related to an ancillary system using AS settlement procedure D. In this case the AS settlement banks needs to use the FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) message with code word "SBTI" for the initiation and the submitting actor receives – subject to message subscription - a payment order settlement notification (PaymentStatusReport (pacs.002)) to confirm the settlement (i.e. no liquidity transfer order settlement notification Receipt (camt.025)).

[...]

Used messages

- | LiquidityCreditTransfer (camt.050)
- | BankToCustomerDebitCreditNotification (camt.054)
- | Receipt (camt.025)
- | The message flow and process description for the other use cases will be similar.

228 EUROSYSYSTEM UPDATE [internal review]: page 185 (RTGS UDFS-chapter 5.5.2.4.3 Immediate inter-service liquidity transfer from an RTGS DCA to a T2S DCA, a T2S CB Account or a TIPS Account)

Inclusion of a new footnote. Based on RTGS UDFS 2.1 including CR0045 addendum document

The following figure provides a high-level description of the message flow in case of an inter-service liquidity transfer order initiated in RTGS in order to send liquidity to a T2S DCA. The message flow from an RTGS CB Account or an RTGS sub-account(1) to a T2S CB Account or to a TIPS Account will be similar.

(1) New footnote stating : Change of the functionality is subject to approval of CR0058

229 EUROSYSYSTEM UPDATE [internal review]: page 187 (RTGS UDFS-chapter 5.5.2.4.4 Immediate inter-service liquidity transfer from a T2S DCA, a T2S CB Account or a TIPS Account to an RTGS DCA or RTGS sub-account)

Inclusion of a new footnote. Based on RTGS UDFS 2.1 including CR0045 addendum document and correction of typo

The following figure provides a high-level description of a message flow in case of an inter-service liquidity transfer order initiated in TIPS in order to send liquidity to an RTGS DCA. The message flow from a TIPS Account, a T2S DCA or a T2S CB Account to an RTGS DCA, an RTGS CB Account or an RTGS sub-account(1) will be similar.

(1) New footnote stating : Change of the functionality is subject to approval of CR0058

230 EUROSYSYSTEM UPDATE [internal review]: page 192 (RTGS UDFS-chapter 5.5.3.1.1 Overview)

Correction as there is always only one pending reservation.

In case the available liquidity on the RTGS DCA is lower than the amount to be reserved, the part which can be reserved will be reserved and the remaining part of the reservation will be queued (i.e. the pending value) and

RTGS will process it in an event-oriented manner. Consequently, in case of incoming credits, RTGS decreases the pending value and increases the respective reservation accordingly. Thereby, ~~all the~~ pending urgent reservations ~~are~~ is processed first.

231 EUROSISTEM UPDATE [internal review]: page 202 (RTGS UDFS-chapter 5.5.3.4.1 Definition of floor/ceiling threshold)

The RTGS Account Holder can define a minimum ("floor") and/or maximum ("ceiling") threshold amount for its RTGS DCA(s) and/or RTGS CB Account in CRDM. The RTGS Account Holder or the RTGS CB Account Holder has the option to choose what shall be done by RTGS once the balance is below the defined floor or above the defined ceiling amount.

Two options are available which can be combined.

1. RTGS generates a notification to be sent to the RTGS Account Holder or the RTGS CB Account Holder as the owner of the RTGS DCA informing about the floor/ceiling breach (upon which the RTGS Account Holder can take action).
2. RTGS automatically generates an inter-service liquidity transfer to pull liquidity from the MCA to be debited in case the floor is breached on the RTGS DCA or RTGS pushes liquidity to the MCA to be credited in case the ceiling threshold was breached. When using this functionality, the RTGS Account Holder or the RTGS CB Account Holder needs to define also a target floor amount and a target ceiling amount for its RTGS DCA.

For details on the relevant configurations see chapter "Account Threshold Configuration" in the CRDM UDFS.

The check on floor/ceiling breach is only triggered after the settlement of a payment order or an AS transfer. It is not triggered after the settlement of liquidity transfers.

232 EUROSISTEM UPDATE [internal review]: page 203 (RTGS UDFS-chapter 5.5.3.4.2 Breach of floor/ceiling threshold - notification)

If the RTGS Account Holder or the RTGS CB Account Holder chooses the first option, RTGS generates and sends out a notification with the information that the balance on the RTGS DCA is below the floor or that the balance on the RTGS DCA is above the ceiling respectively:

I in U2A ~~an error message~~ a broadcast will be displayed as an alert (refer to the respective part of the RTGS UHB);

I in A2A mode (ReturnAccount (camt.004), Process RTGS floor and ceiling).

233 EUROSISTEM UPDATE [internal review]: page 205 (RTGS UDFS-chapter 5.5.3.4.3 Breach of floor/ceiling threshold - rule-based liquidity transfer)

- The target amount for the ceiling is independent from the target amount of the floor threshold and could be the same.

Note: A ceiling breach does not trigger a liquidity transfer as long as a queued automated liquidity transfer order, a queued urgent payment order or a queued AS transfer order exists for the RTGS DCA (see chapter 5.3.9 Processing of cash transfer orders).

In case the RTGS Account Holder or the RTGS CB Account holder has chosen this option, RTGS provides a notification on the breach of the floor/ceiling as well.

234 EUROSISTEM UPDATE [internal review]: page 206 (RTGS UDFS-chapter 5.5.3.5 Rule-based liquidity transfers due to queued payment orders or AS transfer orders)

[...]

the amount to be transferred is determined as follows:

- In case an urgent payment order or AS transfer gets queued (i.e. after the first settlement attempt only), the amount to be transferred is the difference between the RTGS DCA balance and the sum of all currently queued urgent payment orders and AS transfer orders (including the urgent payment order or AS transfer order which triggered the rule-based liquidity transfer).

235 EUROSISTEM UPDATE [internal review]: page 206 (RTGS UDFS-chapter 5.5.3.5 Rule-based liquidity transfers due to queued payment orders or AS transfer orders)

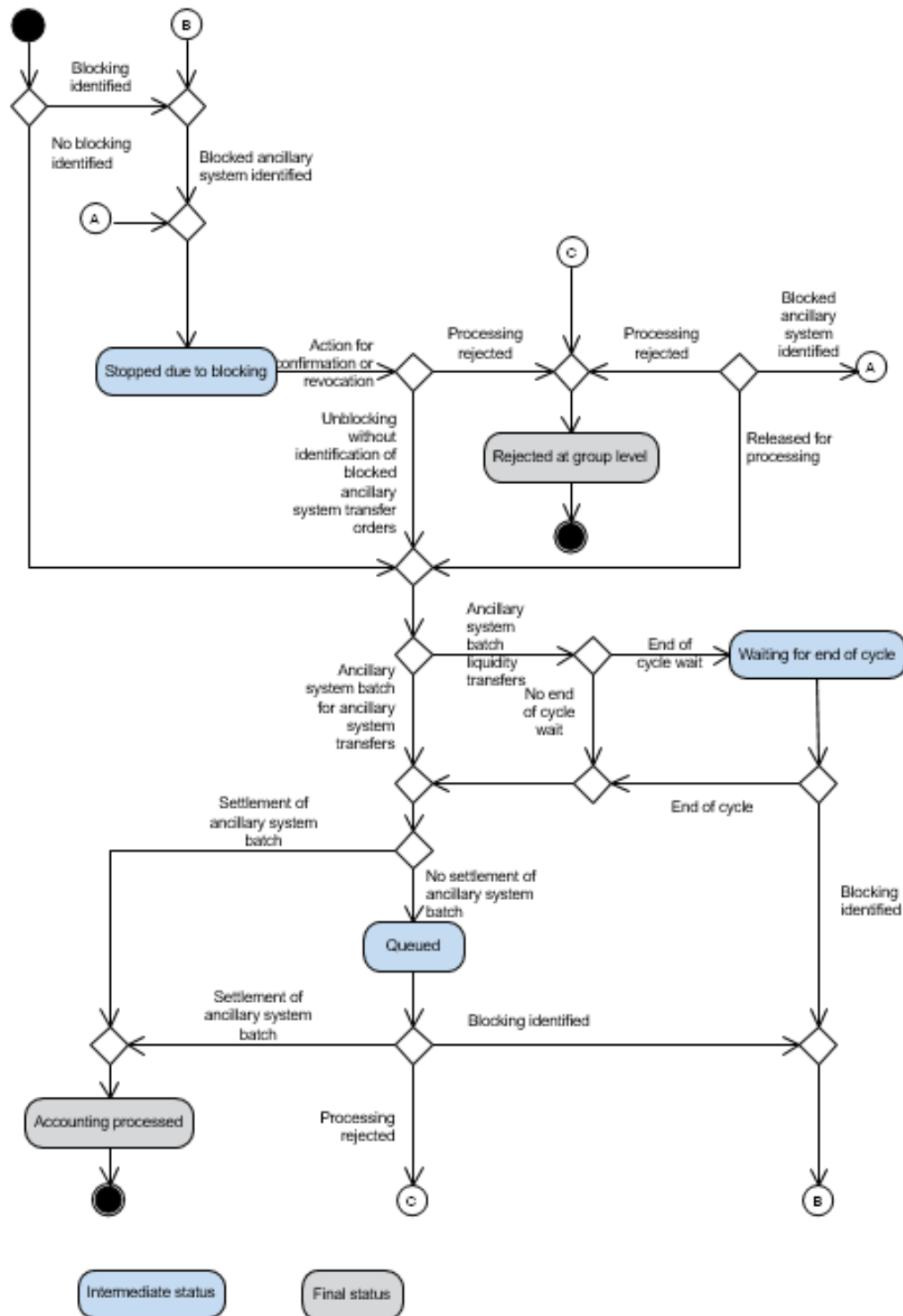
Incorporation of the term Associated Liquidity Transfer Account

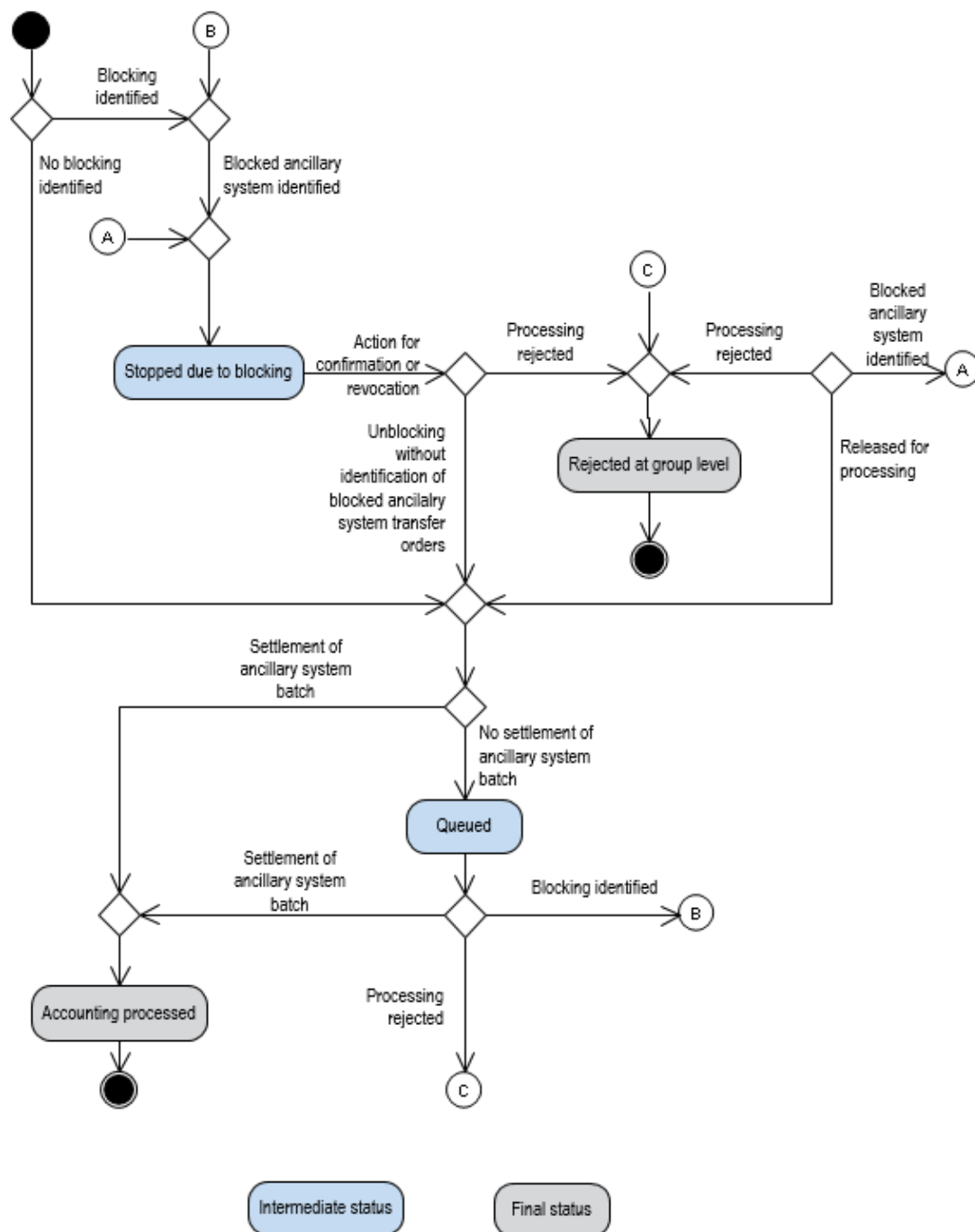
In case of insufficient liquidity on the linked MCA (linked through the Associated Liquidity Transfer Account attribute), the inter-service liquidity transfer is settled partially and no queued orders are generated for the remaining amount necessary for the settlement of the queued payment orders or AS transfer orders.

236 EUROSISTEM UPDATE [internal review]: page 210 (RTGS UDFS-chapter 5.6.1.3.4 Ancillary system batch message status)

Indicates the status of an AS batch message in RTGS. The transition diagrams are separated per AS settlement procedures. It can have the following status:

Status transition diagrams I and II (relevant for AS settlement procedure A and B)





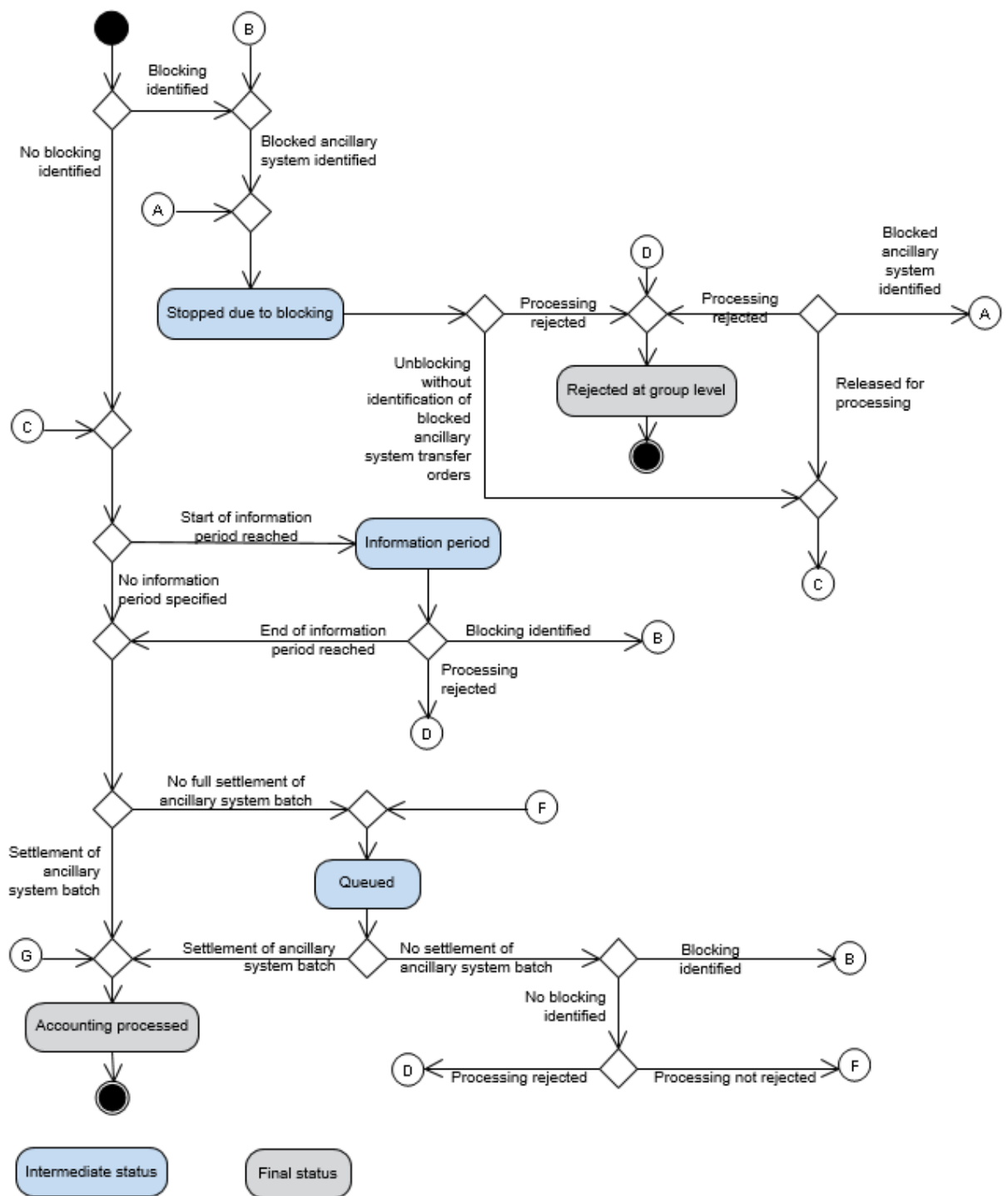


Figure 47 - Status transition diagram III, IV and V

237 EUROSYSYSTEM UPDATE [internal review]: page 224 (RTGS UDFS-chapter 5.6.2.1 Concept)

[...]

Table 88 - Report "Statement of accounts"

The respective business process is described in chapter Receive RTGS report [□ 365].

~~Note: Specificities for U2A only RTGS Account Holders are described in the RTGS UHB.~~

Moreover an RTGS Directory will be created each business day (at 17:00) in order to provide routing information for RTGS ~~Participants~~ Actors. More details can be found in CRDM UDFS chapter "RTGS Directory".

238 EUROSYSYSTEM UPDATE [JIRA CSLD-0598]: page 226 (RTGS UDFS-chapter 5.6.2.3 Report generation process); Possibility to send camt.053 to two DN's on A2A push basis

A T2 Actor needs more information on the receipt of account statement messages by one or more technical addresses in A2A mode. Comprehensive information is provided to clarify the options possible.

RTGS UDFS-chapter 5.6.2.3 Report generation process, page 226**Possible recipients of a report**

[...]

~~A created report can be received by one or several receivers. For each recipient (according to the report configuration for the cash account) an own report message is created. Each report configured in push mode is sent in store-n-forward mode to the PTA that is defined in the routing configuration. As outlined in chapter 2.5 of the RTGS UDFS, for reports each party can define through a conditional routing exactly one PTA deviating from the default routing the message shall be send to.~~

239 EUROSYSYSTEM UPDATE [internal review]: page 228 (RTGS UDFS-chapter 5.6.3.3 Query management process for RTGS)

No separate privilege is required for query "system time query".

Query type	Initiation via GUI (U2A mode)	Initiation via XML message (A2A mode)
[...]	[...]	[...]
System time query	✗	X
[...]	[...]	[...]

Table 90 - Initiating queries for RTGS

240 EUROSYSYSTEM UPDATE [JIRA CSLD-0757]: page 228 (RTGS UDFS-chapter 5.6.3.3 Query management process for RTGS); Download of account statements

Clarification on download options for account statements
--

[RTGS UDFS-chapter 5.6.3.3 Query management process for RTGS, page 228](#)

[...]

The different types of queries in RTGS are static regarding the set of selection parameters, which can be mandatory, optional or conditional.

Note: Account Statements can be downloaded by [U2A only RTGS Account Holder](#) (i.e. when the party is set up as U2A-only in CRDM). The download is possible up to 10 business days.

241 EUROSYSYSTEM UPDATE [internal review]: page 235 (RTGS UDFS-chapter 5.9 Subscription for a debit or credit notification)

Business case code for message subscription	Business case description (subject to camt.054 message subscription)
[...]	
Liquidity transfers	
LIIE	Immediate liquidity transfer = Inter-service
LIIA	Immediate liquidity transfer = Intra-service (in case of RTGS incl. AS-related + SBTI)
<u>LIPU</u>	<u>Immediate LT – inter-service pull (via CLM-GUI)</u>

Table 94 - Business case description

242 EUROSYSYSTEM UPDATE [internal review]: page 239 (RTGS UDFS-chapter 6.2.1 Functional overview)

The DWH is a common component collecting business information and data derived from RTGS and other settlement services and (common) components. The DWH supports business decisions by allowing data consolidation, data preparation and reporting at different aggregation levels.

[...]

The data is transmitted to the DWH from the settlement services and (common) components at the end of each business day. After the processing (data transformation and pre-calculations) of the transmitted data within the DWH, data of the previous business day is normally available in the DWH as of the start of the new calendar day.

[...]

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

243 EUROSYSTEM UPDATE [internal review]: page 249 (RTGS UDFS-chapter 8.2 Processing of cash transfer orders - specific functions for CBs in relation to their community)

Change footnote 31 to

Initiated via mandated payment or pacs.009 / SBTI with dedicated code word

244 EUROSYSTEM UPDATE [internal review]: page 250 (RTGS UDFS-chapter 8.4 Contingency upload of A2A files and messages in U2A)

This procedure enables participants to ~~send forward~~ messages (except for queries) or files to RTGS in case their connection to the NSP is interrupted or the provider has problems to process messages/files.

In this case it is possible that the respective CB uploads files or messages either on behalf of the participant or for its own use. This is possible via a dedicated GUI screen by using an uncompressed UTF-8 txt file with maximum size 32MB. ~~There is no limitation in terms of messages envisaged.~~ The upload itself follows the four-eyes principle, which means that two users have to upload the file or message independently from each other. There is a check done by the system that the checksum of both files/messages ~~is~~ are the same. In order to continue with the upload the DN of the sender (original sender, i.e. not the user who executes the upload), Business signature DN and the NSP have to be inserted. RTGS executes the validations, which it would execute in case of standard A2A channel delivery.

The message or file to be uploaded is are does not need to be signed. If a signature is present, it will not be checked by RTGS.

245 EUROSYS-TEM UPDATE [internal review]: page 254 (RTGS UDFS-chapter 9.1.1 Description)

Internal enhancement

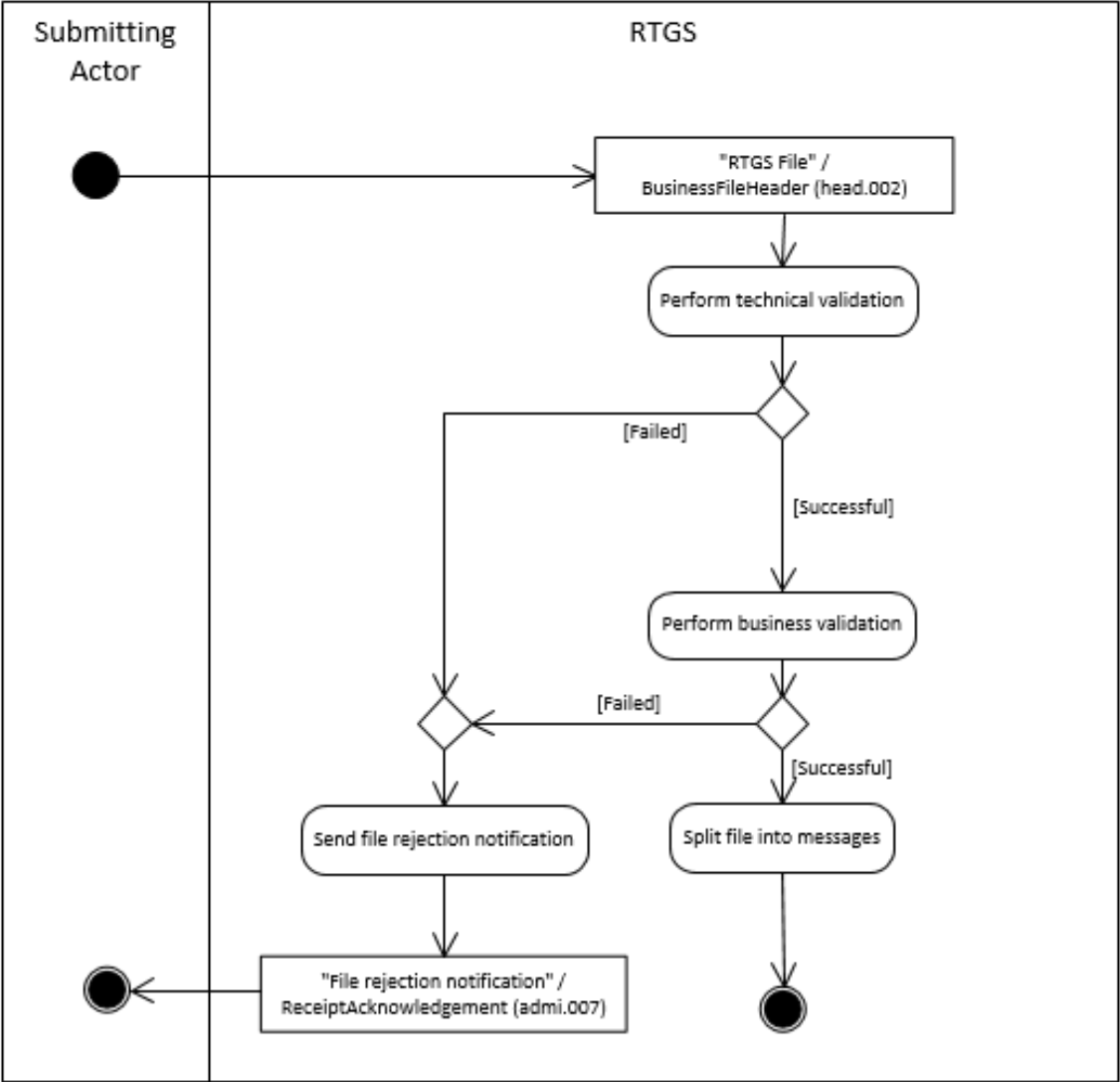


Figure 57 – Send RTGS file

246 EUROSYSTEM UPDATE [internal review]: page 258 (RTGS UDFS-chapter 9.3 Process
RTGS payment order and liquidity transfer order)

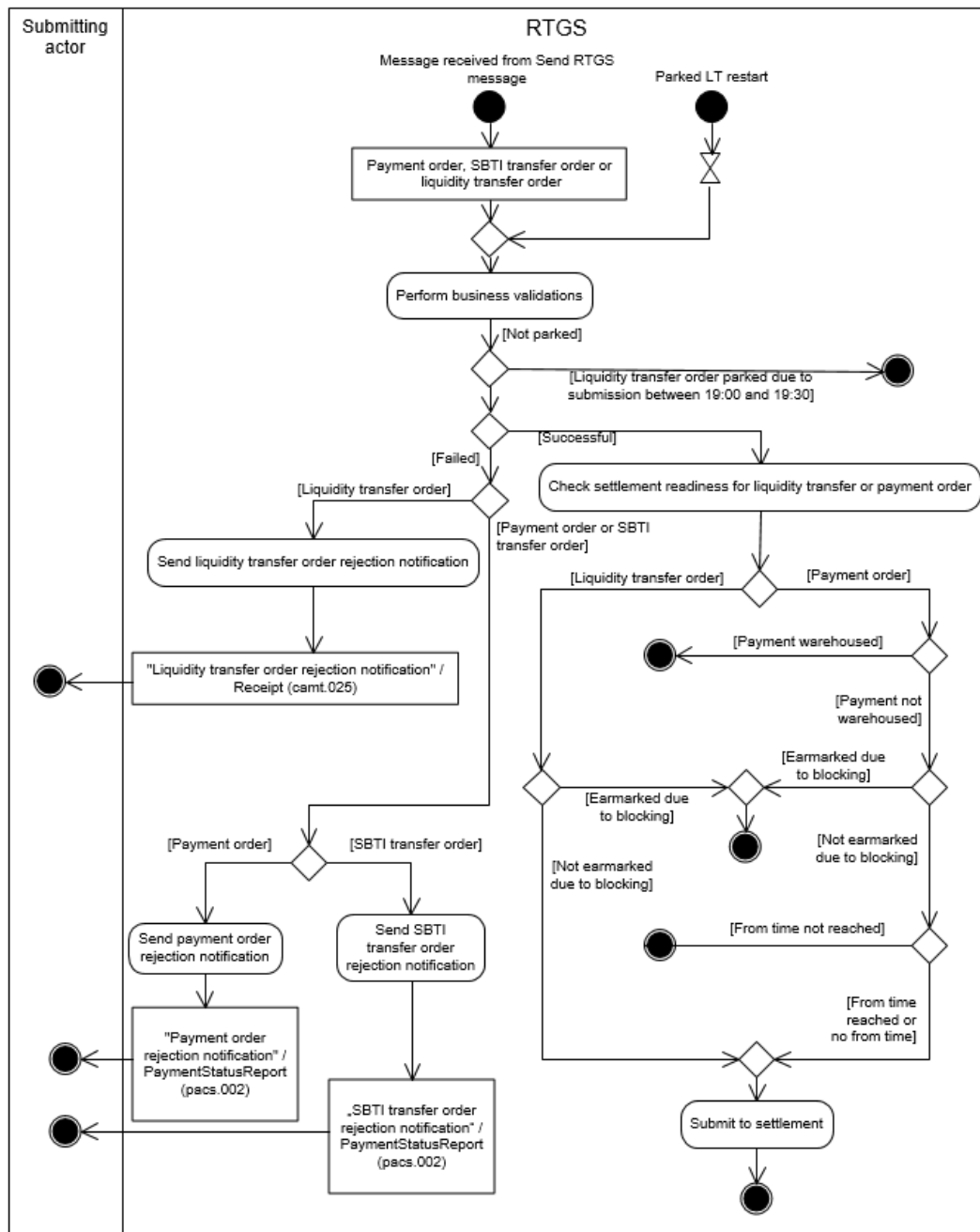


Figure 59 - Process RTGS payment order and liquidity transfer order

This process receives an individual message from the “[Send RTGS message](#) [**Error! Bookmark not defined.**]” process or it starts processing after restart of parked liquidity transfer orders and continues with the step “Perform business validations”.

Perform business validations

The process verifies the compliance of a payment order, SBTI transfer order or of a liquidity transfer order against the business validation rules. At the beginning of business validation RTGS checks if the individual message is a liquidity transfer order and if the system status allows processing or requires parking.

- | **[Parked]** In case the liquidity transfer order is subject to parking, the processing terminates.
- | **[Not parked]** In case the individual message is not a liquidity transfer order or the liquidity transfer order is not subject to parking, the step continues with business validation.

The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor.

- | **[Failed]** The payment order, SBTI transfer order or liquidity transfer order is not compliant with the business validation rules. In case of a liquidity transfer order, the processing continues with the step “Send liquidity transfer order rejection notification”. In case of a SBTI transfer order, the processing continues with the step “Send SBTI transfer order rejection notification”. In case of a payment order, the processing continues with the step “Send payment order rejection notification”.
- | **[Successful]** The payment order or liquidity transfer order complies with the business validation rules. The processing continues with the step “Check settlement readiness for liquidity transfer or payment order”.

Send liquidity transfer order rejection notification

The process step creates a “Liquidity transfer order rejection notification”/[Receipt \(camt.025\)](#) [**Error! Bookmark not defined.**] and sends it to the submitting actor.

Send SBTI transfer order rejection notification

The process step creates a “SBTI transfer order rejection notification”/ [PaymentStatusReport \(pacs.002\)](#) [**Error! Bookmark not defined.**] and sends it to the submitting actor.

Send payment order rejection notification

247 EUROSYSYSTEM UPDATE [internal review]: page 260 (RTGS UDFS-chapter 9.3.2 Messages)

Message description/usage	ISO message	ISO code
Payment order rejection notification	<u>PaymentStatusReport</u>	<u>pacs.002</u>
<u>SBTI transfer order rejection</u>	<u>PaymentStatusReport</u>	<u>pacs.002</u>
Liquidity transfer order rejection notification	<u>Receipt</u>	<u>camt.025</u>

Table 103 - Outbound messages for process RTGS payment order and liquidity transfer order

248 EUROSYSYSTEM UPDATE [internal review]: page 264 (RTGS UDFS-chapter 9.4 Request payment order revocation or recall)

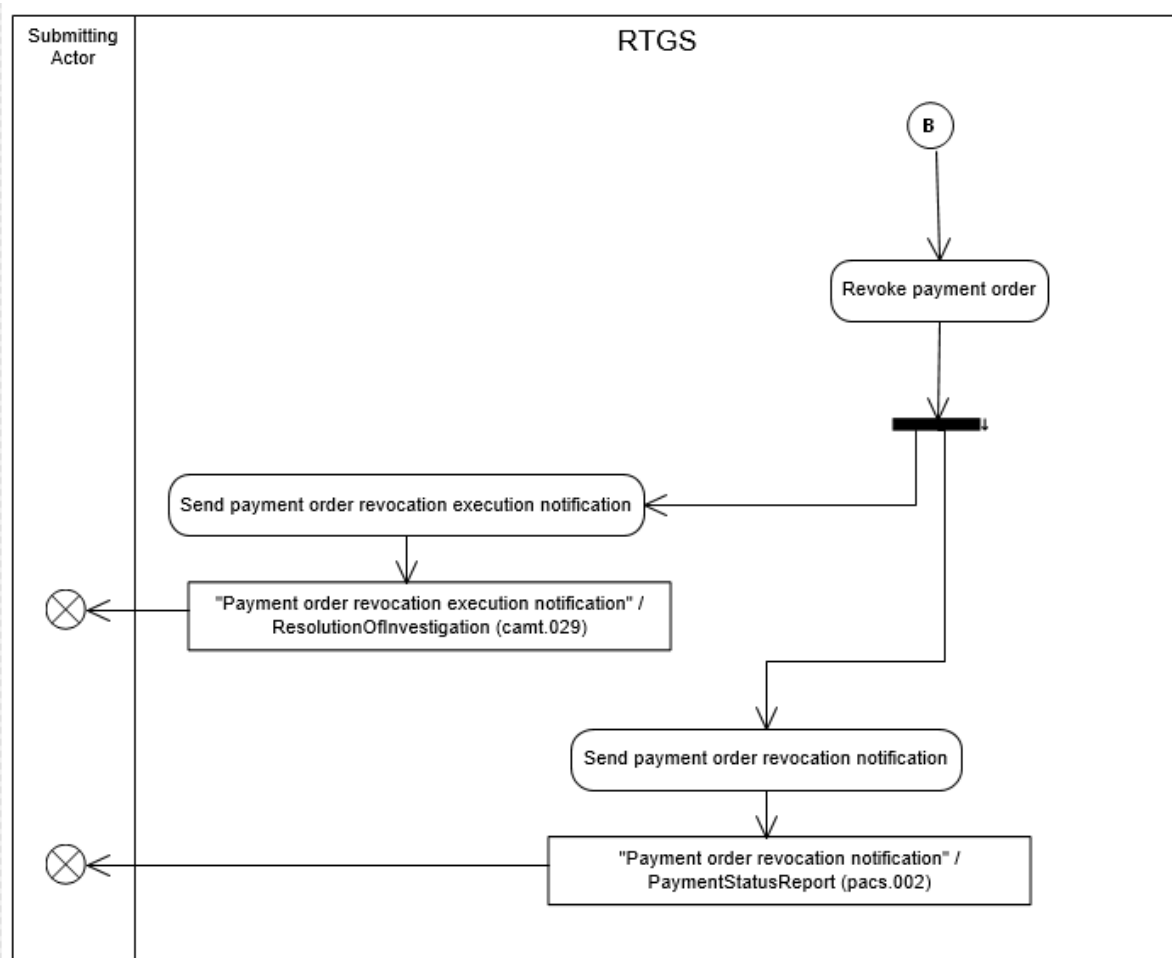


Figure 61 - Request payment order revocation or recall II

Revoke payment order

The process step revokes the payment order and subsequently triggers in parallel the processing steps “Send payment order revocation execution notification” and “Send payment order revocation notification”. ~~and the sub-process “Resolve queue from Perform standard RTGS settlement [□ 276]”.~~

Note:-In case the revocation leads to a queued event the process step “Perform standard RTGS settlement” is triggered.

249 EUROSYSYSTEM UPDATE [internal review]: page 271 (RTGS UDFS-chapter 9.7 Execute RTGS standing order)

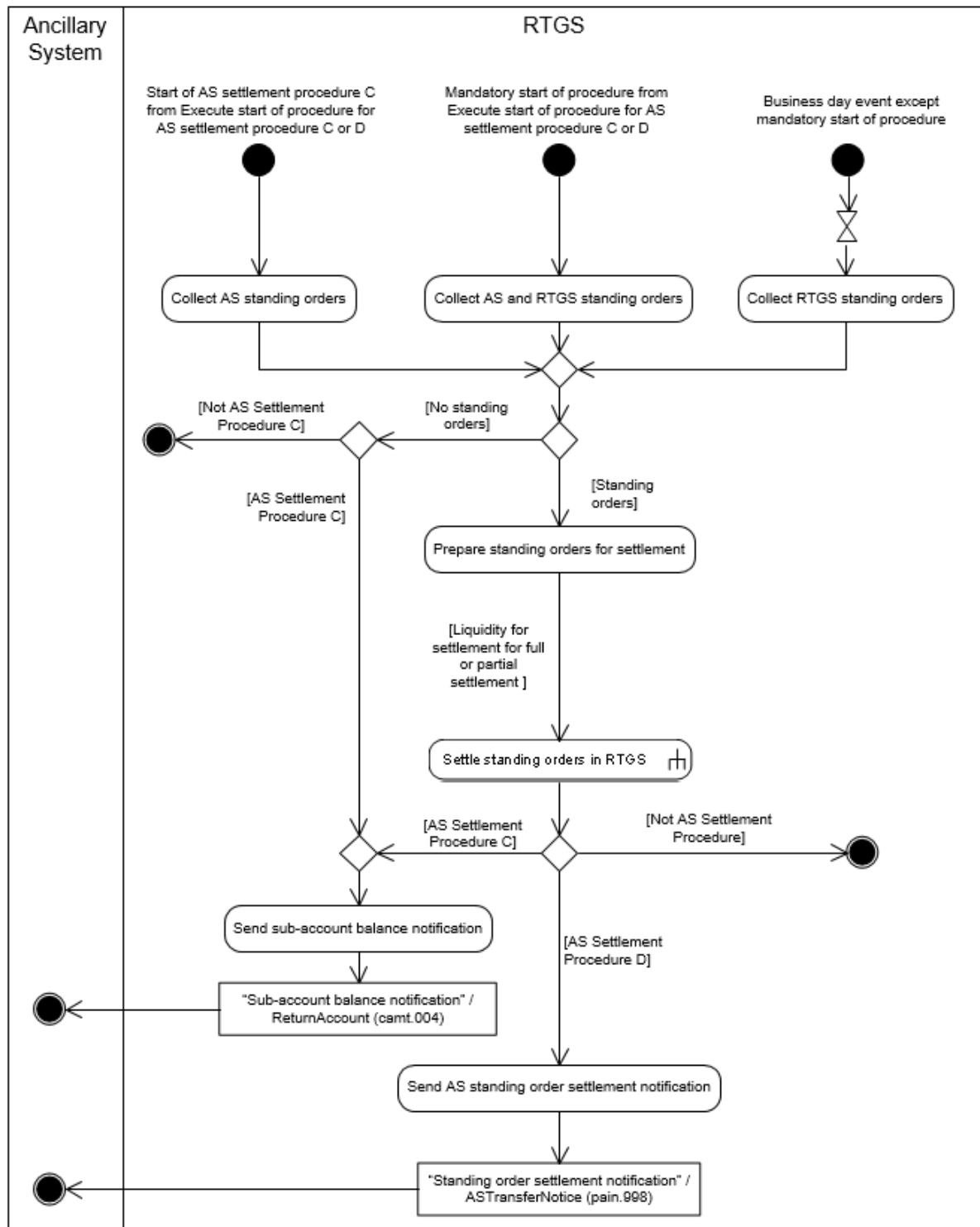


Figure 64 - Execute RTGS standing order

[...]

Afterwards the processing continues with the step “Send sub-account balances notifications” in case of AS settlement procedure C or with the step “Send AS standing order settlement notification” in case of AS settlement procedure D.

[...]

250 EUROSISTEM UPDATE [internal review]: page 277 (RTGS UDFS-chapter 9.9 Perform standard RTGS settlement)

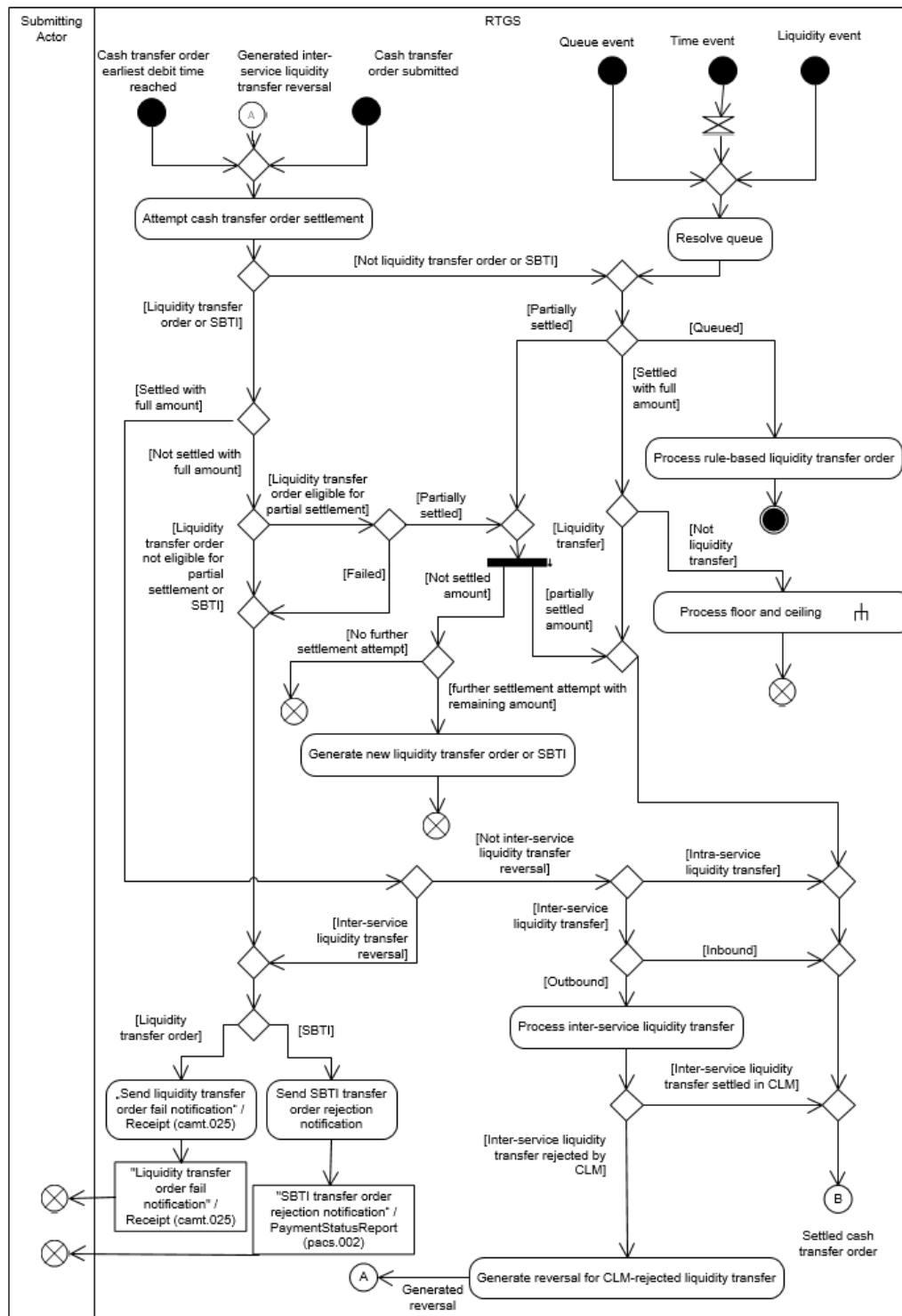


Figure 66 - Standard RTGS settlement I

251 EUROSISTEM UPDATE [internal review]: page 284 (RTGS UDFS-chapter 9.9 Perform standard RTGS settlement)

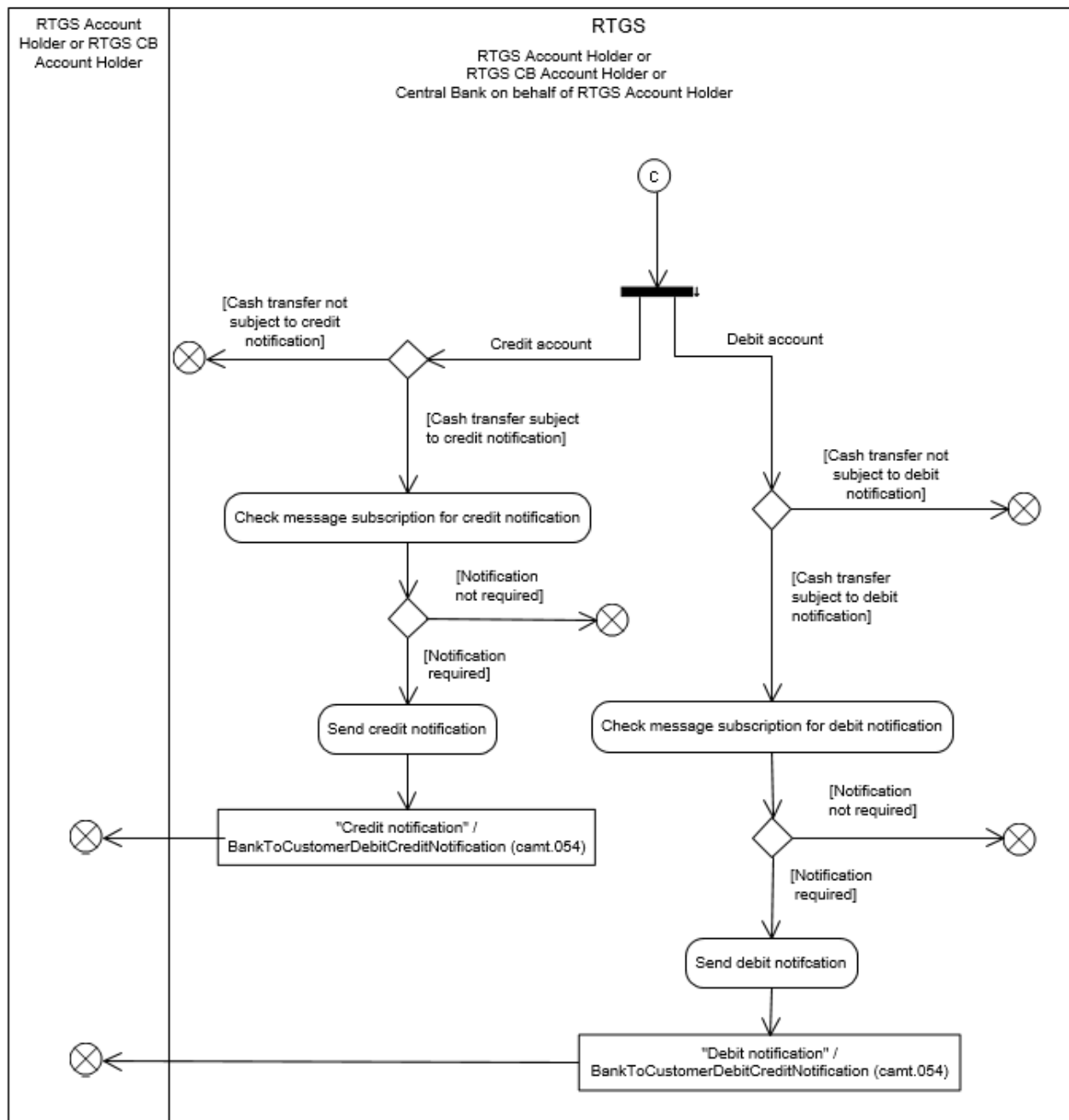


Figure 68 - Standard RTGS settlement III

252 EUROSISTEM UPDATE [internal review]: page 288 (RTGS UDFS-chapter 9.9 Perform standard RTGS settlement)

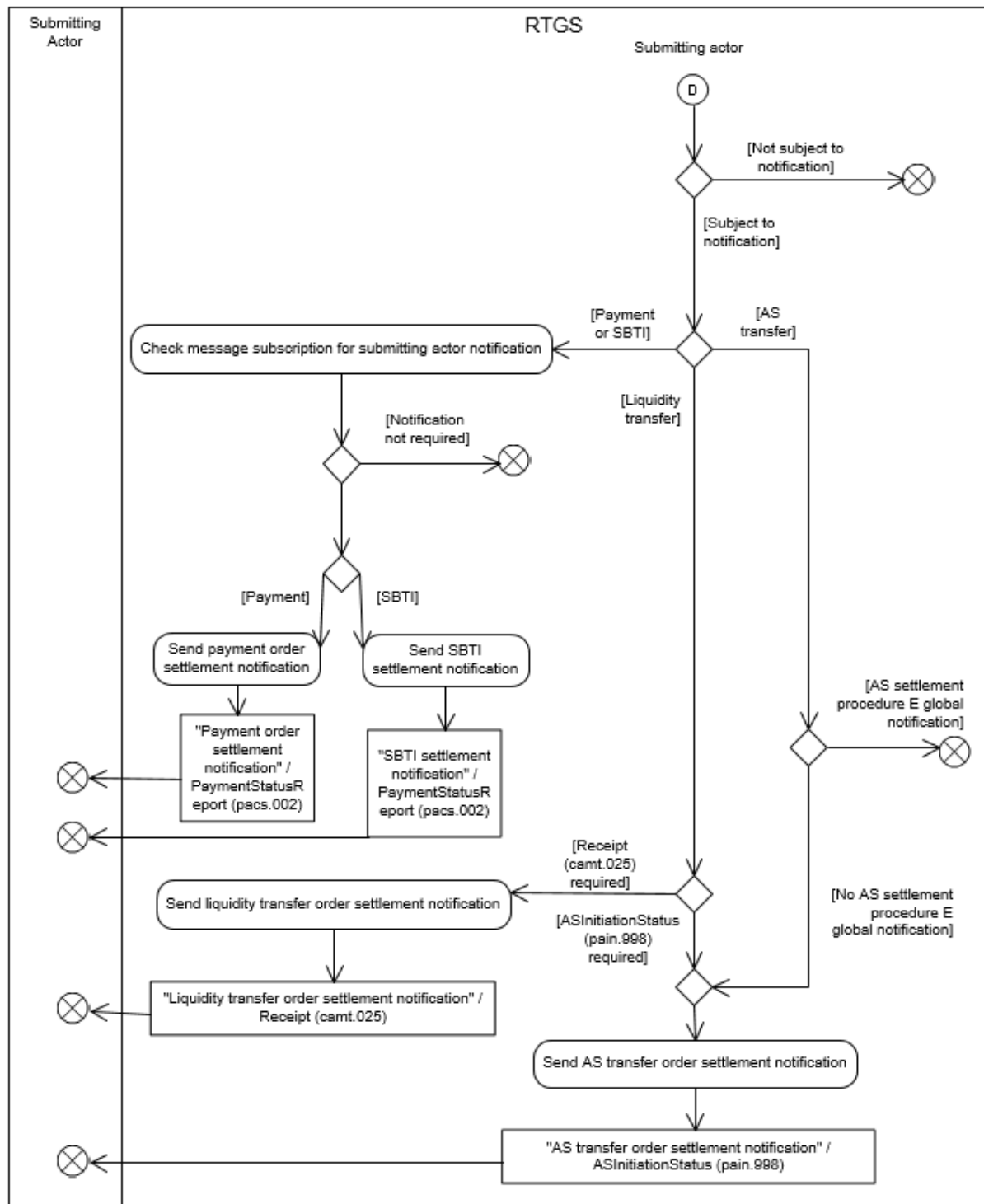


Figure 69 - Standard RTGS settlement IV

253 EUROSYSYSTEM UPDATE [internal review]: page 279 (RTGS UDFS-chapter 9.9.1 Process Description)

Cash transfer order type	Initiation	Possible results				
		Queued	Settled with full amount	Failed	Partially settled - remaining amount queued	Partially settled - no further settlement attempt
[...]	[...]	[...]	[...]	[...]	[...]	[...]
<u>SBTI</u>	<u>Not relevant</u>		<u>X</u>			

Table 112 - Possible results of "Attempt cash transfer order settlement"

[...]

I [Queued] – RTGS queues the processed cash transfer order. The processing continues with the step "Process rule-based liquidity transfer order".

I [Failed] – The settlement of the liquidity transfer order or SBTI order fails. In case of liquidity transfer order, The the processing continues with "Send liquidity transfer order fail notification". In case of SBTI order, the processing continues with "Send SBTI transfer order rejection notification".

[...]

Send SBTI transfer order rejection notification

The process step creates a "SBTI transfer order rejection notification"/ PaymentStatusReport (pacs.002) and sends it to the submitting actor.

[...]

Cash transfer order type	Submission type	Use case	“Debit notification”/BankT oCustomerDebitCreditNotification (camt.054)	“Credit notification”/BankT oCustomerDebitCreditNotification (camt.054)
[...]	[...]	[...]	[...]	[...]
<u>SBTI</u>	<u>A2A</u>	<u>AS settlement procedure D</u>	=	=
	<u>U2A</u>	<u>AS settlement procedure D</u>	<u>Optional</u>	=
Liquidity transfer	U2A	Liquidity transfer with credit on RTGS DCA, RTGS CB Account or sub-account (credit leg)	-	Optional

Table 114 - Outbound RTGS settlement notifications for the RTGS Account Holder or RTGS CB Account Holder

[..]

Cash transfer order type	Submission type	Use case	“Payment order settlement notification”/PaymentStatusReport (pacs.002) [] Error! Bookmark not defined.]	“AS transfer order settlement notification”/AS InitiationStatus (pain.998) [] Error! Bookmark not defined.]	“Liquidity transfer order settlement notification”/Receipt (camt.025) [] Error! Bookmark not defined.]
Payment	A2A	Any payment initiated via PaymentReturn (pacs.004), CustomerCreditTransfer (pacs.008), FinancialInstitutionCreditTransfer (CORE and COV) (pacs.009) or FinancialInstitutionDirectDebit (pacs.010)	Optional	-	-
	U2A	Any payment initiated via U2A	-	-	-
AS transfers	A2A	AS settlement procedure A debit	-	-	-
		Cross-AS transfer (any constellation)	-	Mandatory	-
		AS settlement procedure E – only if AS opted for single notification	-	Mandatory	-
<u>SBTI</u>	<u>A2A</u>	<u>AS settlement procedure D</u>	<u>Optional</u>	-	-
	<u>U2A</u>	<u>AS settlement procedure D</u>	<u>Optional</u>	-	-
[...]	[...]	[...]	[...]	[...]	[...]

Table 115 - Outbound RTGS settlement notifications for the submitting actor

The notification process for the submitting actor terminates when the settlement of the cash transfer order is not subject to notification of the submitting actor or the notification is not required (see table above).

Check message subscription for submitting actor notification

When the settlement of the cash transfer order is subject to notification to the submitting actor (see table above) the processing continues depending on the cash transfer order type – with one of the following processing steps:

I“Send payment order settlement notification”;

I “Send SBTI settlement notification”

I“Send liquidity transfer order settlement notification”;

I“Send AS transfer order settlement notification”.

Send payment order settlement notification

The process step creates a “Payment order settlement notification”/PaymentStatusReport (pacs.002) and sends it to the submitting actor.

Send SBTI settlement notification

The process step creates a “SBTI settlement notification”/PaymentStatusReport (pacs.002) and sends it to the submitting actor.

254 EUROSYSYSTEM UPDATE [internal review]: page 295 (RTGS UDFS-chapter 9.9.2 Messages)

Message use	ISO message	ISO code
Payment return	PaymentReturn	pacs.004
Customer credit transfer	CustomerCreditTransfer	pacs.008
Financial institution credit transfer	FinancialInstitutionCreditTransfer	pacs.009
Financial institution direct debit	FinancialInstitutionDirectDebit	pacs.010
Payment order settlement notification	PaymentStatusReport	pacs.002
<u>Send SBTI transfer order rejection notification</u>	<u>PaymentStatusReport</u>	<u>pacs.002</u>
Liquidity transfer order fail notification	Receipt	camt.025
[...]	[...]	[...]
Liquidity transfer order settlement notification	Receipt	camt.025
<u>SBTI order settlement notification</u>	<u>PaymentStatusReport</u>	<u>pacs.002</u>
AS transfer order settlement notification	ASInitiationStatus	pain.998

Table 118 - Outbound messages for process standard RTGS settlement

255 EUROSYSYSTEM UPDATE [internal review]: page 295 (RTGS UDFS-chapter 9.10.1**Description)**

This standardised sub-process checks whether a posting on an RTGS DCA or RTGS CB Account resulting from the settlement of a payment order or AS transfer order breaches a defined floor amount or a defined ceiling amount on the RTGS DCA.

Check floor and ceiling

This process step first checks whether the RTGS Account Holder or RTGS CB Account Holder has configured a floor amount and/or a ceiling amount for the RTGS DCA or RTGS CB Account. The process terminates when neither a floor amount nor a ceiling amount is configured for the RTGS DCA or RTGS CB Account. The process also terminates when a floor amount or a ceiling amount is configured for the RTGS DCA or RTGS CB Account, but the check does not identify a breach. When the check identifies either a floor breach or a ceiling breach, then the check determines whether the breach requires a rule-based liquidity transfer order or a notification or both. In case the breach requires the notification of the breach, the process determines whether the breach was already notified. If that is the case, then the process terminates. Otherwise, the processing continues with the process step "Send floor/ceiling notification".

In case the breach requires a rule-based liquidity transfer, the processing continues with the step "Create rule-based liquidity transfer order" or executes this step in parallel to the notification if applicable.

Send floor/ceiling notification

Depending on the breach, this processing step sends the "Floor/ceiling notification"/ReturnAccount (camt.004) (i.e. either floor notification or ceiling notification) to the RTGS Account Holder or RTGS CB Account Holder.

[...]

256 EUROSYSYSTEM UPDATE [internal review]: page 303 (RTGS UDFS-chapter 9.14.1.1**Description)**

Perform business validations

The process verifies whether the AS batch is compliant with the business validation rules. ~~The process performs the business validations to the extent possible in order to report as many as possible validation errors to the submitting actor.~~ It performs the business validation until an error occurs or until it finishes successfully. After the first error, RTGS stops the business validation execution and reports the error to the submitting actor.

I [Failed] The AS batch is not compliant with the business validation rules. The processing continues with the step "Send AS batch rejection notification".

I [Successful] The AS batch complies with the business validation rules. The processing continues with the step "Process AS batch".

257 EUROSYSYSTEM UPDATE [internal review]: page 307 (RTGS UDFS-chapter 9.14.3.1 Description)

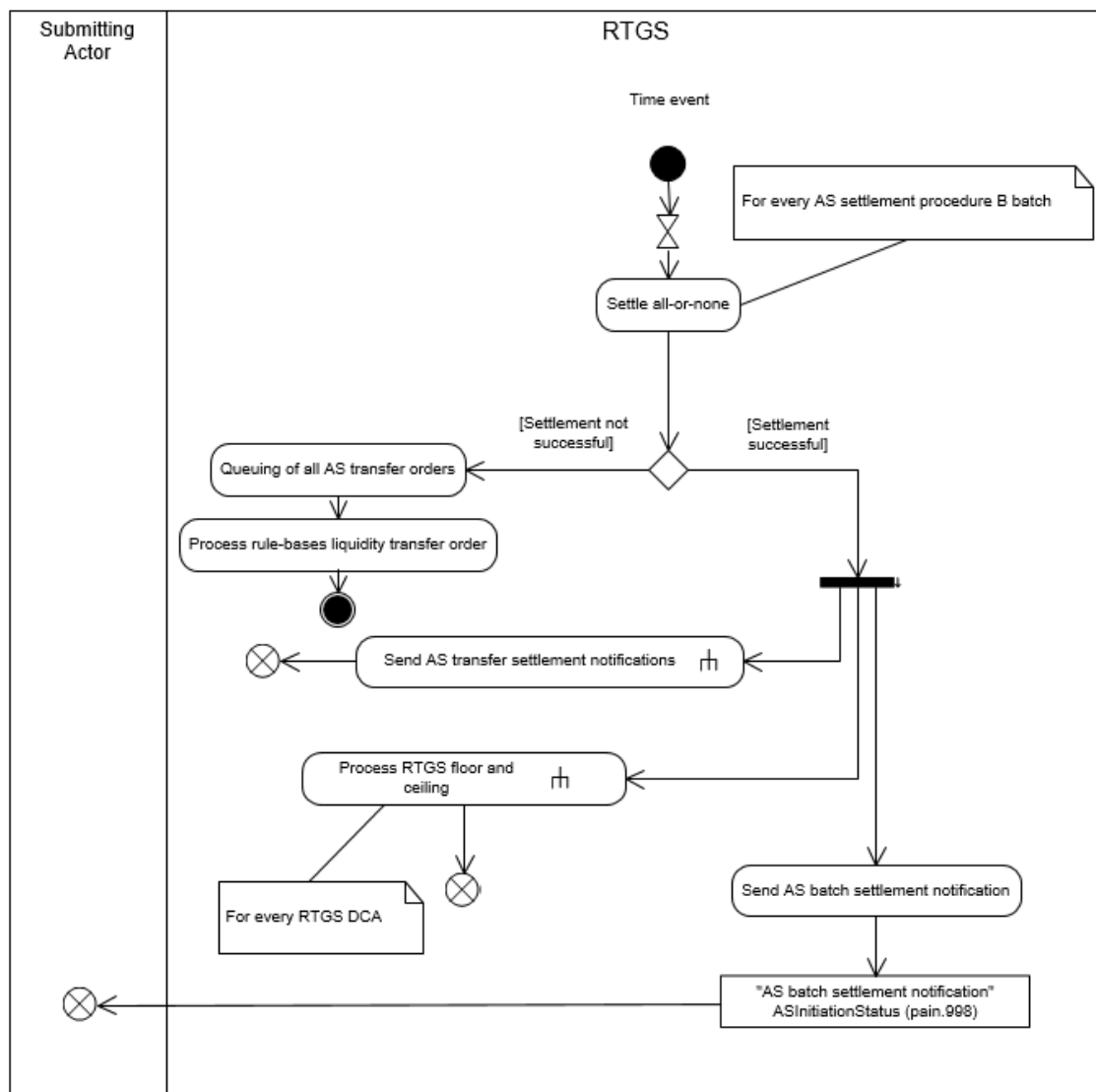


Figure 78 - Process AS settlement procedure B batch

258 EUROSISTEM UPDATE [internal review]: page 308 (RTGS UDFS-chapter 9.14.4 Reverse debit)

Inclusion of chapter 9.14.4 Reverse debit into chapter 9.14.8 Terminate AS processing for AS settlement procedure A or B

9.14.4.1 Description

This sub-process reverses an already settled debit. Further details on the reversal of already settled AS transfers are provided in chapter AS settlement procedure A.

Figure 79 – Reverse debits

This sub-process receives an AS debit transfer from the sub-process “Terminate AS processing for AS settlement procedure A or B” and continues with the step “Post debit reversal”.

Post debit reversal

In order to reverse a settled debit, RTGS creates and settles a credit with same amount for the accounts on which the debit previously settled. The processing continues with a split resulting in the processing steps “Check message subscription for credit notification” and the sub-process “Process RTGS floor and ceiling”.

Check message subscription for credit notification

In case a message subscription exists for a credit notification for the RTGS Account Holder, the processing continues with the step “Send credit notification”. Otherwise, RTGS sends no credit notification.

Send credit notification

The process step creates a “Credit notification”/BankToCustomerDebitCreditNotification (camt.054) and sends it to the RTGS Account Holder (AS settlement bank).

9.14.4.2 Messages

Message description/usage	ISO message	ISO code
Credit notification	<u>BankToCustomerDebitCreditNotificati</u> <u>on</u>	<u>camt.054</u>

Table 124 – Outbound message for reverse debit

259 EUROSISTEM UPDATE [Internal review]: page 310 (RTGS UDFS-chapter 9.14.5.1 Description); Clarification

Each settlement of an AS transfer order stemming from AS settlement procedures

- I A for guarantee mechanism,

l B except for the reversals of debits or

l C except for the reversals of debits

triggers this sub-process:

[...]

260 UROSYSTEM UPDATE [internal review]: page 315 (RTGS UDFS-chapter 9.14.7 Trigger guarantee fund mechanism use)

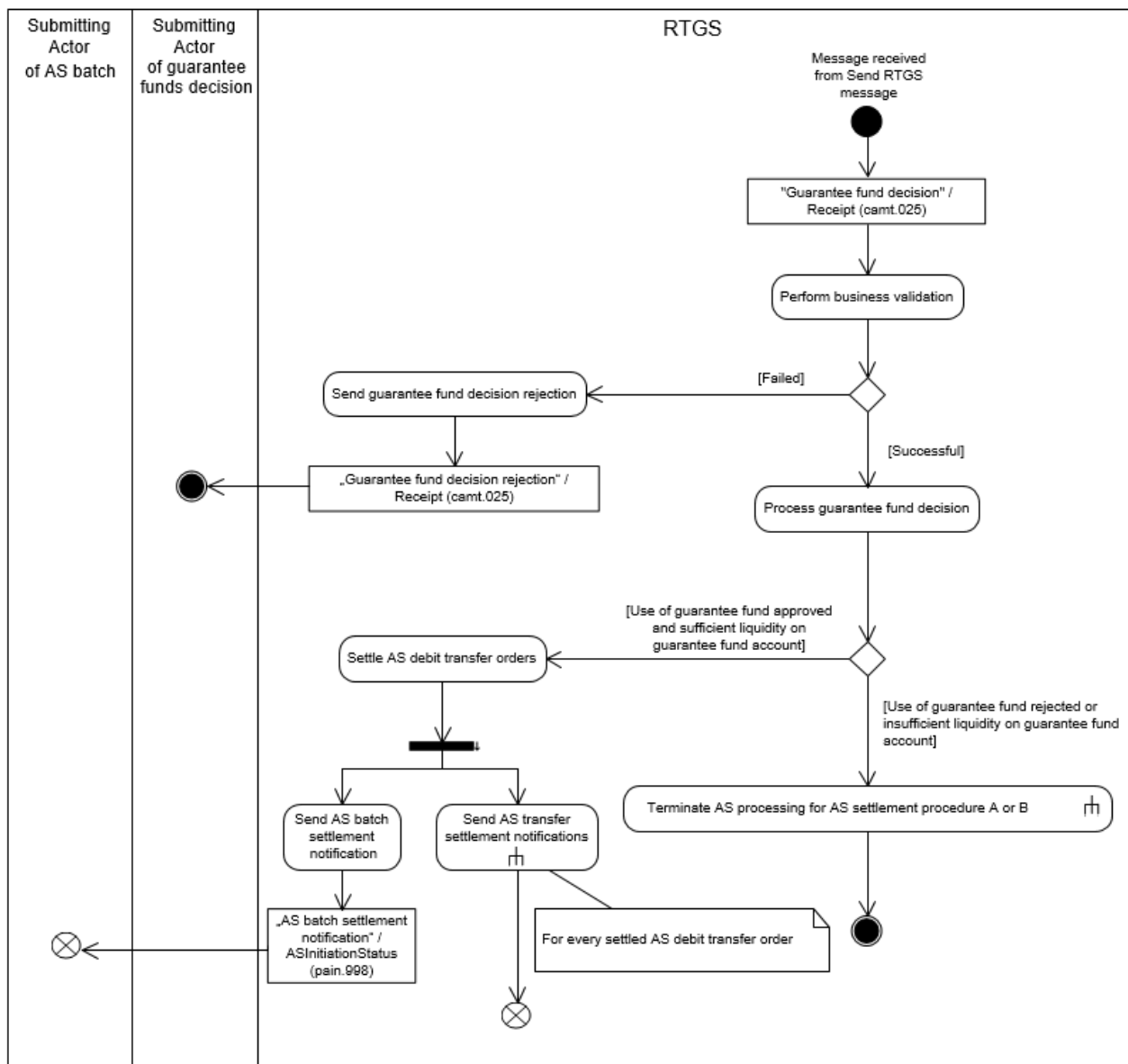


Figure 82 - Trigger guarantee fund mechanism use

261 EUROSISTEM UPDATE [Internal review]: page 316 (RTGS UDFS-chapter 9.14.7.1**Description)**

[...]

Send guarantee fund decision rejection

The process step creates a "Guarantee fund decision rejection"/Receipt (camt.025) [□ 463] and sends it to the submitting actor of the guarantee funds decision.

[...]

Settle AS debit transfer orders

The failing RTGS DCA(s) to be debited are substituted by the guarantee fund account and the settlement of the new AS debit transfer orders takes place. The processing continues with the following parallel activities:

I "Send AS batch settlement notification" and

I for every settled AS debit transfer order with the sub-process "Send AS transfer settlement notifications".

Send AS batch settlement notification

The process step creates an "AS batch settlement notification"/ASInitiationStatus (pain.998) [} 761] and sends it to the submitting actor of the AS batch.

262 EUROSISTEM UPDATE [Internal review]: page 316 (RTGS UDFS-chapter 9.14.7.2**Messages)**

Message description/usage	ISO message	ISO code
Guarantee fund decision rejection	Receipt	camt.025
<u>AS batch settlement notification</u>	<u>ASInitiationStatus</u>	<u>pain.998</u>

Table 15 - Outbound message for trigger guarantee fund mechanism use**263 EUROSISTEM UPDATE [internal review]: page 318 (RTGS UDFS-chapter 9.14.8 Terminate AS processing for AS Settlement procedure A and B)**

Inclusion of chapter 9.14.4 Reverse debit into chapter 9.14.8 Terminate AS processing for AS settlement procedure A or B
--

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

I AS batch revoked due to the disagreement on cash transfer order or 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").

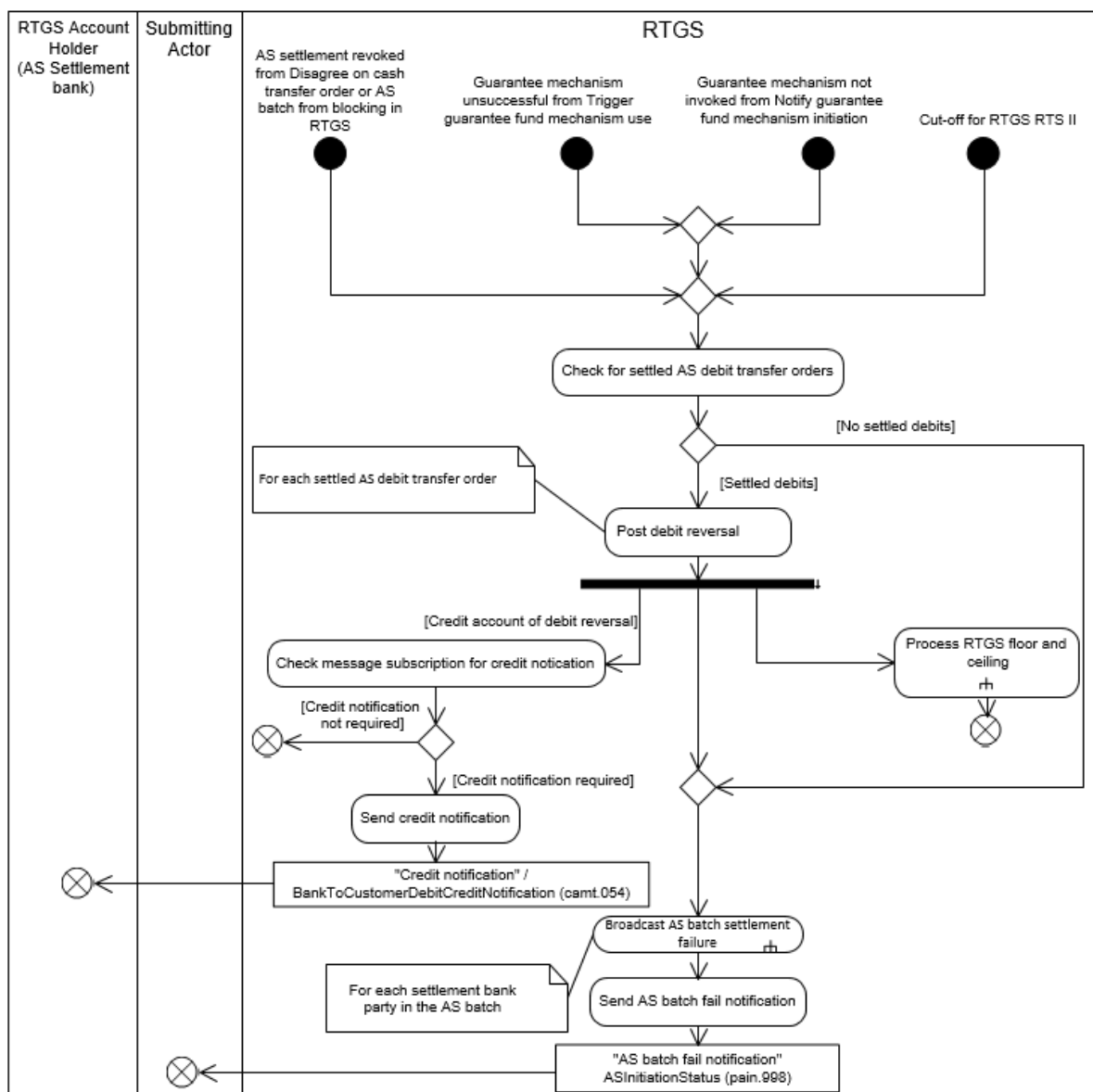


Figure 83 - Terminate AS processing for AS settlement procedure A or B

This sub-process initiates the rejection of an AS batch based on the previously listed triggers. It continues with "Check for settled AS debit transfer orders".

Check for settled AS debit transfer orders

The processing steps checks whether RTGS has already settled any AS debit transfer order. In case at least one AS debit transfer order settled, the processing continues with the sub-process step "Post debit reversal" "Reverse debit".

In case no debits are settled, the processing continues with the sub-process "Broadcast AS batch settlement failure" and afterwards with the process step "Send AS batch fail notification".

Post debit reversal

In order to reverse a settled debit, RTGS creates and settles a credit with same amount for the accounts on which the debit previously settled. The processing continues with a split resulting in the processing steps “Check message subscription for credit notification”, sub-process “Broadcast AS batch settlement failure” and the sub-process “Process RTGS floor and ceiling”.

Check message subscription for credit notification

In case a message subscription exists for a credit notification for the RTGS Account Holder, the processing continues with the step “Send credit notification”. Otherwise, RTGS sends no credit notification.

Send credit notification

The process step creates a “Credit notification”/BankToCustomerDebitCreditNotification (camt.054) and sends it to the RTGS Account Holder (AS settlement bank).

Send AS batch fail notification

The process step creates an “AS batch fail notification”/ASInitiationStatus (pain.998) and sends it to the submitting actor.

264 EUROSYSYSTEM UPDATE [internal review]: page 319 (RTGS UDFS-chapter 9.14.8.2 Messages)

Inclusion of chapter 9.14.4 Reverse debit into chapter 9.14.8 Terminate AS processing for AS settlement procedure A or B
--

Message description/usage	ISO message	ISO code
<u>Credit notification</u>	<u>BankToCustomerDebitCreditNotification</u>	<u>camt.054</u>
AS batch fail notification	<u>ASInitiationStatus</u>	<u>pain.998</u>

Table 129 - Outbound message for terminate AS processing for AS settlement procedure A or B
Internal consistency check

265 EUROSYSYSTEM UPDATE [internal review]: page 322 (RTGS UDFS-chapter 9.14.11.1 Description)

Editorial update on sub-process name Process RTGS floor and ceiling

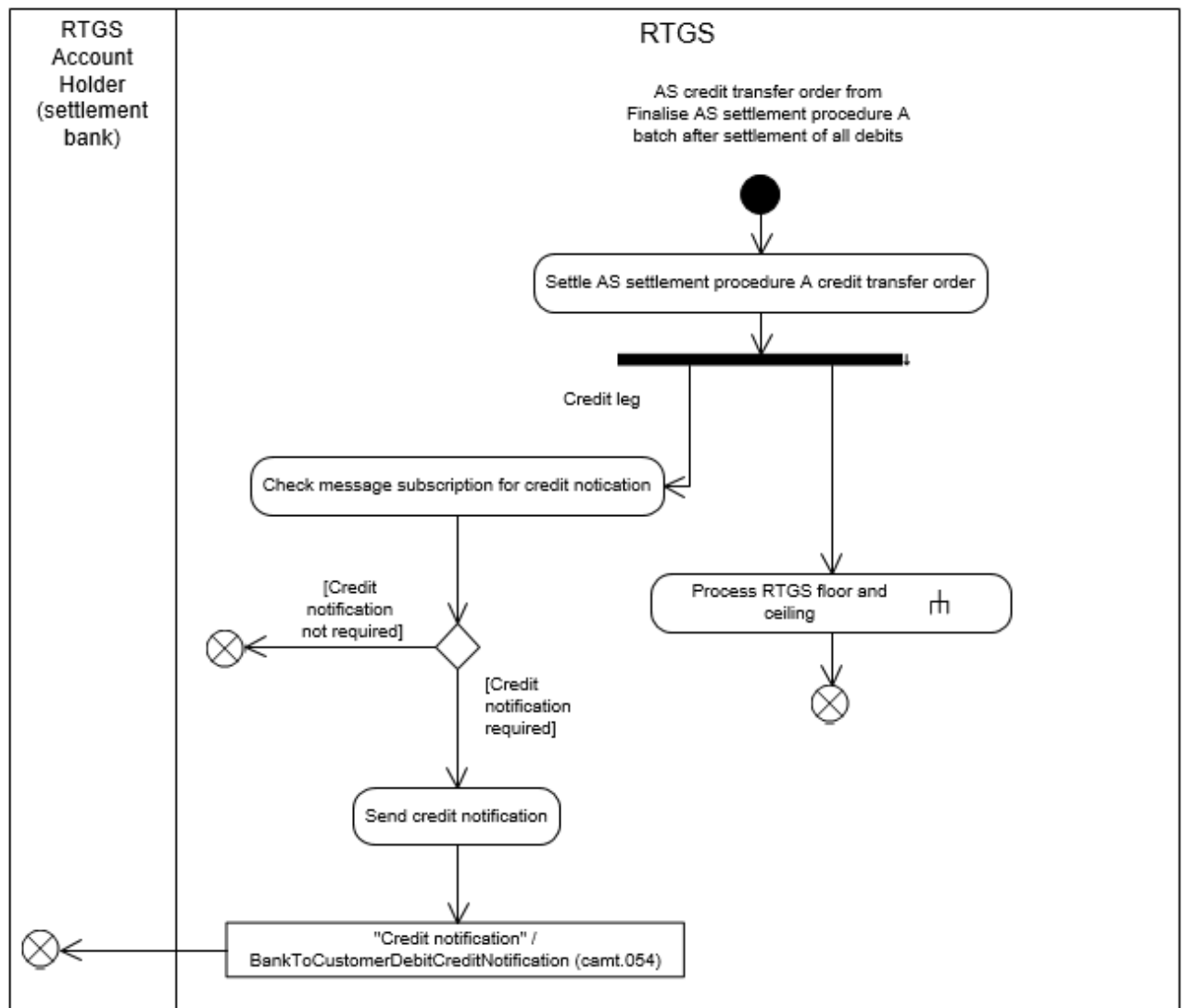


Figure 3 - Settle AS settlement procedure A credit

266 EUROSISTEM UPDATE [internal review]: page 323 (RTGS UDFS-chapter 9.14.12 Initiate information period broadcast)

Editorial update on comment

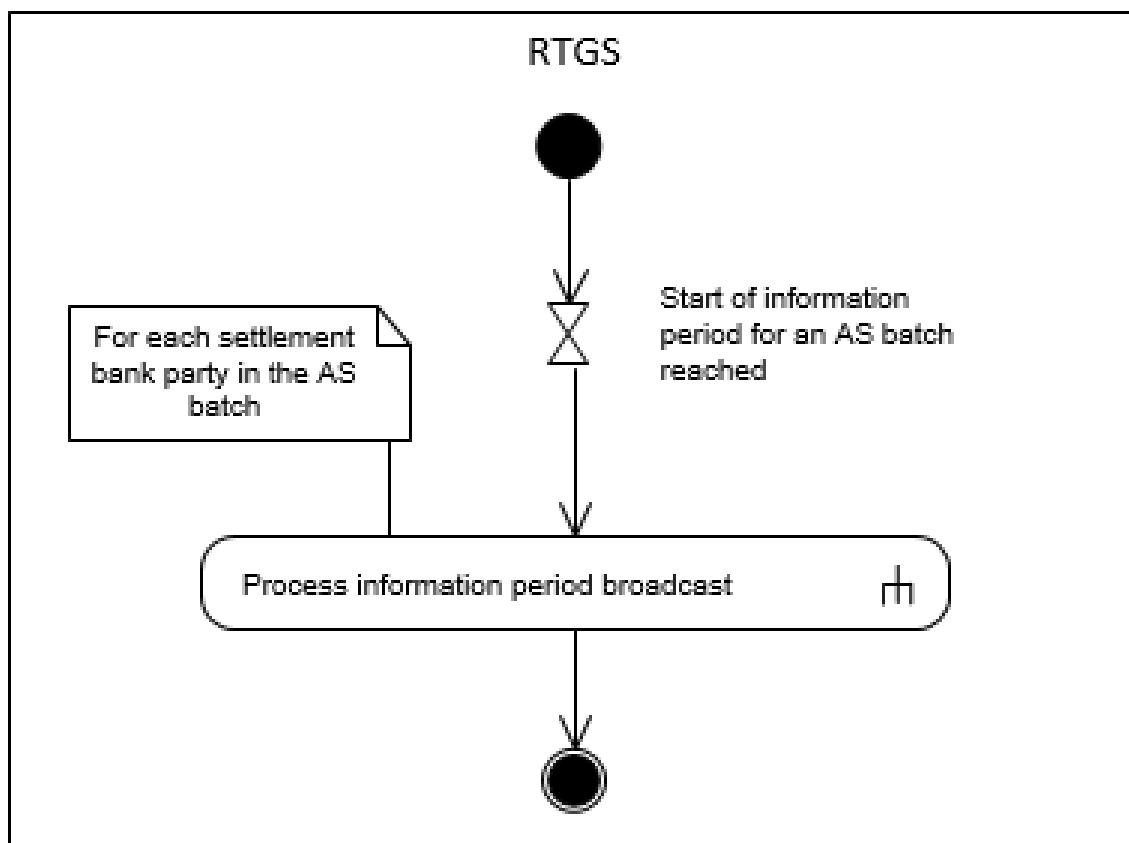


Figure 4 - Initiate information period broadcast

267 EUROSISTEM UPDATE [internal review]: page 324 (RTGS UDFS-chapter 9.14.13.1 Description)

Editorial update

Figure 5 - Information period broadcast

~~Process information period broadcast~~

268 EUROSYSYSTEM UPDATE [internal review]: page 324ff (RTGS UDFS-chapter 9.14.13.1 Description)

Editorial update

When the start of mandatory procedure initiates the process, the process splits into the processing steps “Send start of mandatory procedure notification” and “Submit to Execute RTGS Standing Order”.

Perform business validations

The process verifies whether start of optional procedure C instruction is compliant with the business validation rules. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor.

- ! **[Failed]** The start of optional procedure C instruction is not compliant with the business validation rules. The processing continues with the step “Send start of optional procedure instruction rejection notification”.
- ! **[Successful]** The start of optional procedure C instruction complies with the business validation rules. The processing continues with the step “Submit to execute RTGS standing order”.

Send start of mandatory procedure notification

The process step creates a “Start of mandatory procedure notification”/[ReturnGeneralBusinessInformation \(camt.021\)](#) [**Error! Bookmark not defined.**] and sends it to the ancillary system using AS settlement procedure C or D.

Submit to execute RTGS standing order

This processing step submits the AS standing order liquidity transfer orders to the process “[Execute RTGS standing order](#) [**Error! Bookmark not defined.**]”.

Perform business validations

~~The process verifies whether start of optional procedure C instruction is compliant with the business validation rules. The process performs the business validations to the extent possible in order to report the maximum number of validation errors to the submitting actor.~~

- ! **[Failed]** ~~The start of optional procedure C instruction is not compliant with the business validation rules. The processing continues with the step “Send start of optional procedure instruction rejection notification”.~~
- ! **[Successful]** ~~The start of optional procedure C instruction complies with the business validation rules. The processing continues with the step “Submit to execute RTGS standing order”.~~

Send start of optional procedure instruction rejection notification**269 EUROSISTEM UPDATE [internal review]: page 334ff (RTGS UDFS-chapter 9.14.18 Execute AS settlement procedure C)**

[[...]]

This process is triggered:

I if an AS batch containing AS transfer orders for AS settlement procedure C arrives from the process "Send AS batch";

I if there are queued AS transfer orders for an AS settlement procedure C batch and there is an liquidity inflow on one of the sub-accounts related to that batch;

~~I if an AS transfer order of this AS batch is revoked or disagreed on.~~

[neue Grafik]

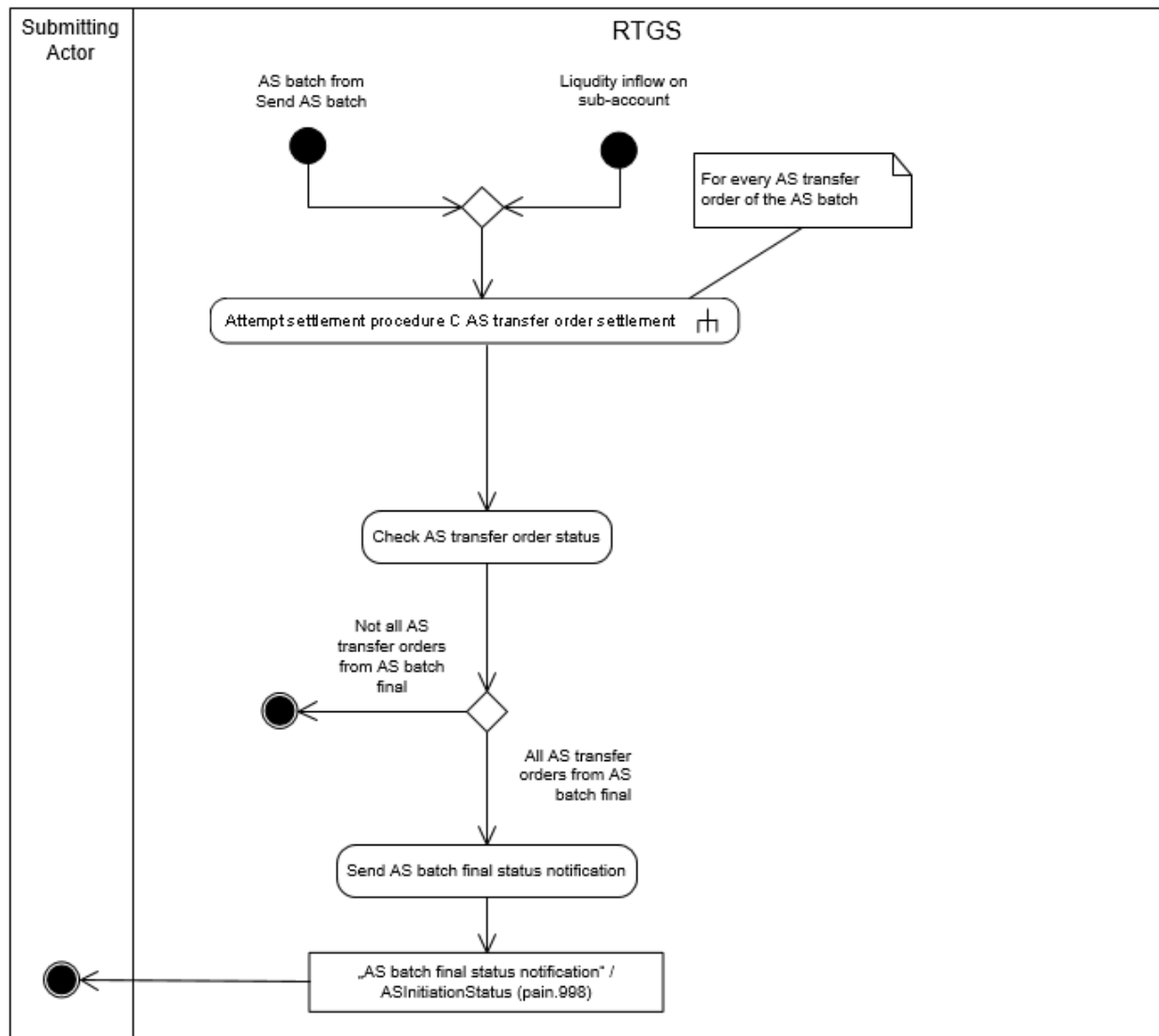


Figure 93 - Execute AS settlement procedure C

This process initially calls the sub-process “[Attempt settlement procedure C AS transfer order settlement](#) [**Error! Bookmark not defined.**]” when it receives an AS batch from the process “[Send AS batch](#) [**Error! Bookmark not defined.**]” or if there are queued AS transfer orders for an AS settlement procedure C batch and there is a liquidity inflow on one of the sub-accounts related to that batch. Afterwards the processing continues with the step “Check AS transfer order status”.

~~In case of a revocation of or disagreement on AS settlement procedure C transfer order or AS batch, the processing starts with the process step “Check AS transfer order status”.~~

Check AS transfer order status

The process step checks whether all AS transfer orders of the respective AS batch are final.

Note: Final in this context means settled ~~or rejected, revoked or disagreed.~~

270 EUROSYSYSTEM UPDATE [internal review]: page 336 (RTGS UDFS-chapter 9.14.19.1 Description)

[...]

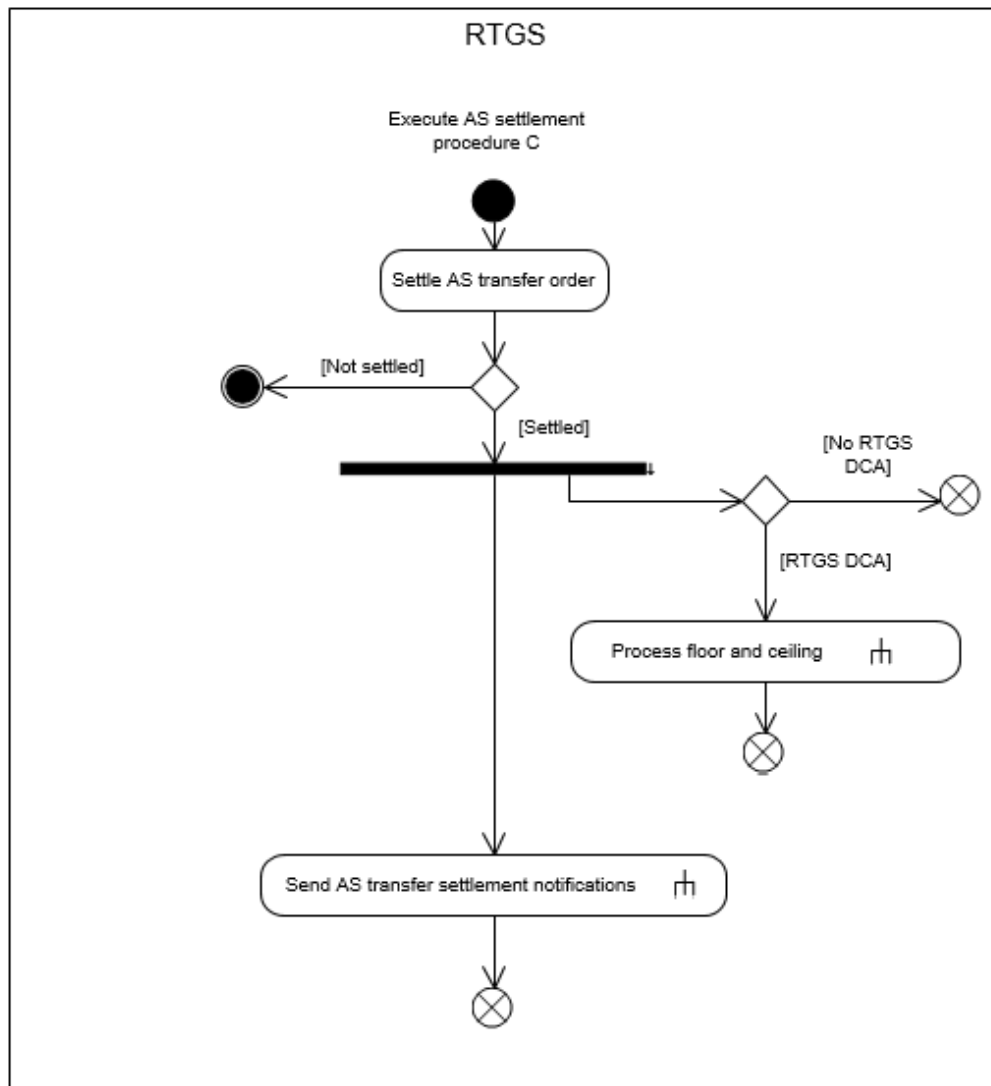


Figure 94 - Attempt settlement procedure C AS transfer order settlement

This sub-process is triggered by the process “Execute AS settlement procedure C” and starts with “Settle AS transfer order”.

Settle AS transfer order

The process step attempts to settle each AS transfer order from an AS settlement procedure C AS batch.

I [Not settled] If the settlement of the AS transfer order fails, then the process terminates for the failed AS transfer order. The status of the AS transfer order is set to queued.

I [Settled] If the AS transfer order settles, the process continues with the sub-process “Send AS transfer settlement notifications [□ 310]” and with the sub-process “Process RTGS floor and ceiling [□ 295]” if the AS transfer involves an RTGS DCA.

271 EUROSISTEM UPDATE [internal review]: page 339 (RTGS UDFS-chapter 9.14.22.1 Description)

Editorial update

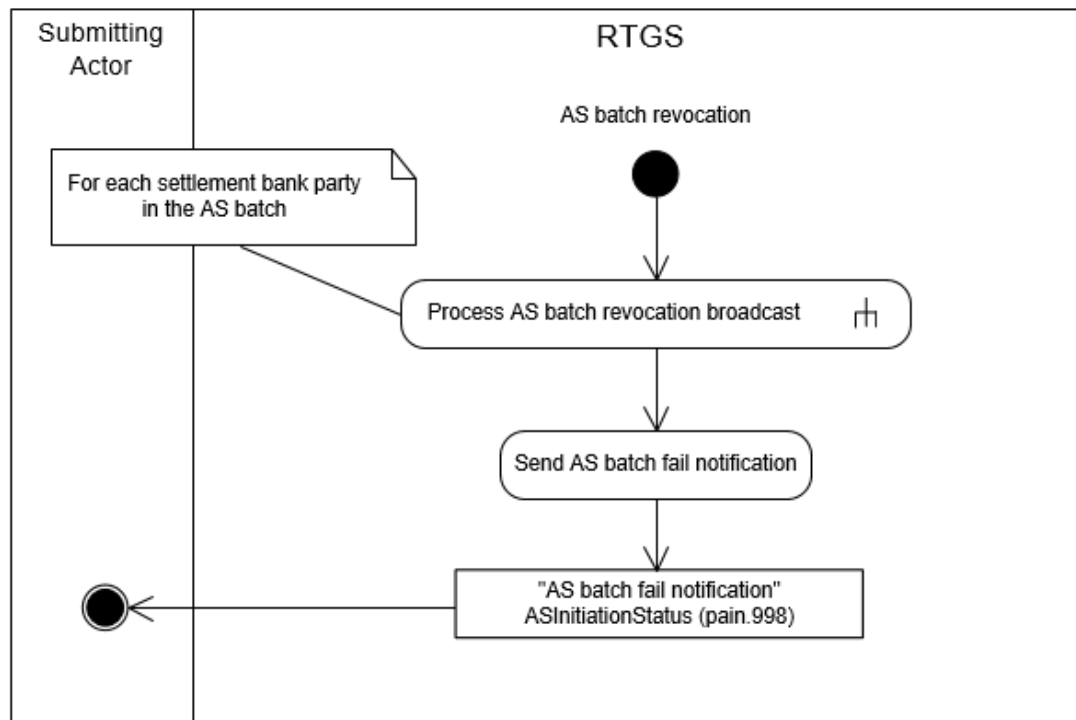


Figure 6 - Process AS batch fail notification

The process is triggered by the revocation of an AS batch and continues with the sub-process “[Process AS batch revocation broadcast](#) [□ **Error! Bookmark not defined.**]” for each AS settlement bank party in the AS batch of an AS settlement bank. Afterwards, the processing continues with the process step “Send AS batch fail notification”.

272 EUROSYSYSTEM UPDATE [internal review]: page 342 (RTGS UDFS-chapter 9.14.24.1 Description)

Enhancement of description for clarification
--

Settle liquidity transfers from sub-accounts to linked RTGS DCAs

The process steps transfers any funds remaining on each relevant sub-account to the linked RTGS DCA. The processing continues with the parallel steps “Check debit message subscription” and “Check credit message subscription”.

273 EUROSYSYSTEM UPDATE [internal review]: page 345 (RTGS UDFS-chapter 9.16 Reject cash transfer order)

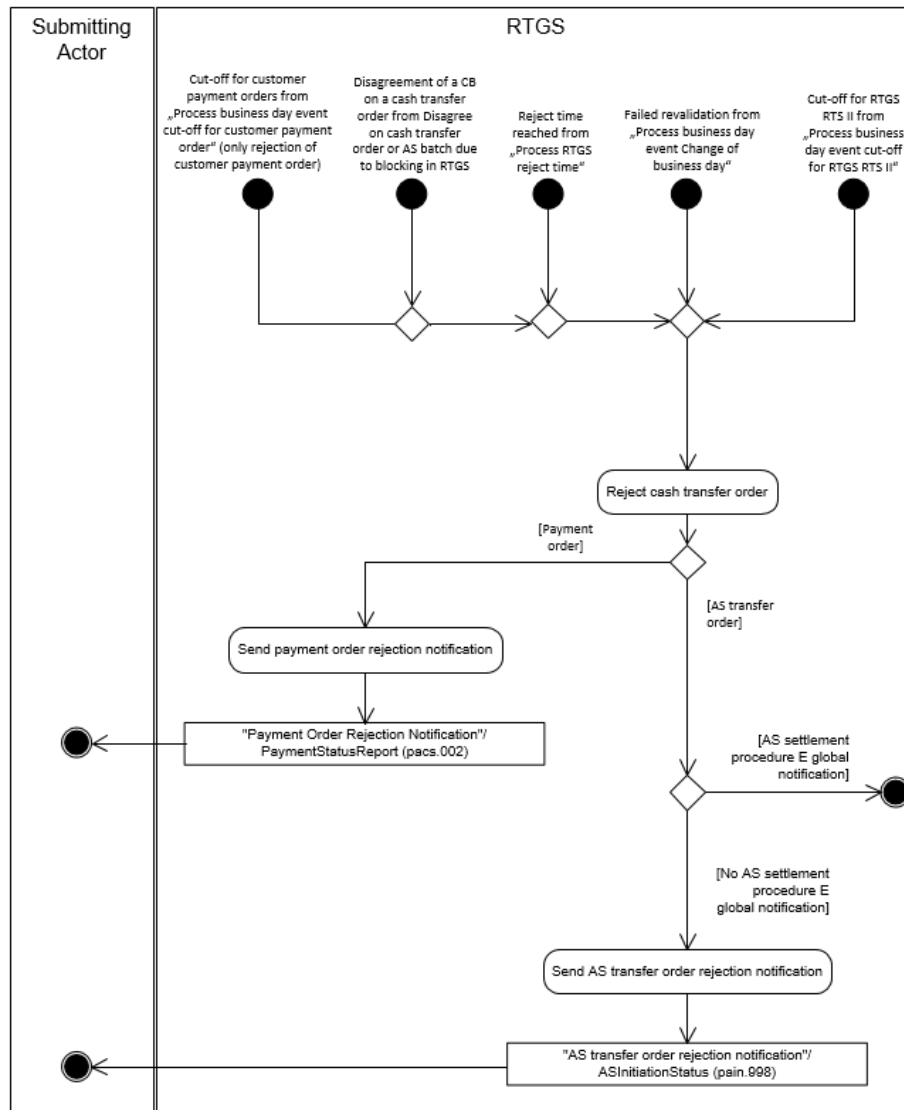


Figure 101 - Reject cash transfer order

274 EUROSYSYSTEM UPDATE [internal review]: page 355 (RTGS UDFS-chapter 9.19 Manage current reservation in RTGS)

Correction as there is always only one pending reservation.

Note: In case of liquidity increases on the RTGS DCA a pending urgent reservations ~~are~~ is always executed first.

275 EUROSYSYSTEM UPDATE [internal review]: page 361 (RTGS UDFS-chapter 9.21.4 Process business day event "Start of EoD processing")

Figure 108 - Process business day event Start of EoD processing

The event Start of EoD processing triggers the processing step "Load and eCheck reference data".

Check reference data

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

I in case no such accounts exist, the EoD processing continues and the process ends;

I in case there is a cash account to be closed which has a balance and shall be closed as of the next business day, the processing continues with the processing step "Process emergency liquidity transfer".

276 EUROSYSYSTEM UPDATE [Internal review]: page 378 (RTGS UDFS-chapter 11.1.3 XML character set)

Replace and rename table 159

Message elements	RTGS supported character sets	
All Proprietary and/or Text elements, with exception of: Initiating Party, Debtor, Ultimate Debtor, Creditor, Ultimate Creditor, Originator, Related Remittance Information and Remittance	Use of FIN X-Character Set: abcdefghijklmnopqrstuvwxyz ABCDEFGHIJKLMNOPQRSTUVWXYZ 0123456789 /-?:()_,'+ Space	
For Initiating Party, Debtor, Ultimate Debtor, Creditor, Ultimate Creditor, Originator, Related Remittance Information and Remittance	Use of FIN X-Character set (see above), plus !#\$%&*^_{}~"-,;<@[]. Note: 5 characters need to be escaped:	
	Character	XML Escape Sequence
	"	"
	'	'

	<	<
	>	>
	&	&

Table 16 – RTGS supported character sets

Character set type	Message elements	Supported characters in T2								
<u>Restricted TARGET character set</u>	<u>All elements with type “Text”, except the element categories listed for Extended TARGET character set (see below).</u>	<u>Use of FIN X-Character Set:</u> <u>abcdefghijklmnopqrstuvwxyz</u> <u>ABCDEFGHIJKLMNOPQRSTUVWXYZ</u> <u>0123456789</u> <u>/-?:().',+</u> <u>Space</u>								
<u>Extended TARGET character set</u>	<u>-All Name and Address elements for all actors</u> <u>-Related Remittance Information</u> <u>-Remittance Information</u> <u>-Email address</u> <u>-Proxy</u>	<u>Use of FIN X-Character set (see above), plus</u> <u>!#\$%&*='^_{}~";<>@[\\].</u> <u>Note:</u> <u>Thefollowing characters need to be escaped:</u> <table><tr><th><u>Character</u></th><th><u>XML Escape Sequence</u></th></tr><tr><td><u>≤</u></td><td><u>&lt;</u></td></tr><tr><td><u>≥</u></td><td><u>&gt;</u></td></tr><tr><td><u>&</u></td><td><u>&amp;</u></td></tr></table>	<u>Character</u>	<u>XML Escape Sequence</u>	<u>≤</u>	<u>&lt;</u>	<u>≥</u>	<u>&gt;</u>	<u>&</u>	<u>&amp;</u>
<u>Character</u>	<u>XML Escape Sequence</u>									
<u>≤</u>	<u>&lt;</u>									
<u>≥</u>	<u>&gt;</u>									
<u>&</u>	<u>&amp;</u>									

Table 17 - supported character sets

277 EUROSISTEM UPDATE [RealBICs]: page 380 (RTGS UDFS-chapter 11.1.3.1 Technical validation)

Replace figure117 – Technical validation, ISO schema example

Delete figure 118 – Technical validation, proprietary schema example

278 EUROSISTEM UPDATE [CR 034]: page 382 (RTGS UDFS-chapter 11.2.1 Envelope messages)

In order to communicate with RTGS, a business sender may send a single business messages or a file containing several business messages. The structure of message is described in chapter [Business Application Header](#) [] 234] and the structure of file is described in chapter [Business File Header](#) [] **Error! Bookmark not defined.**].

BAH and business payload/ISO 20022 message instance are part of this business message. Examples and further details for BAH are provided in chapter BusinessApplicationHeader (head.001).

279 EUROSISTEM UPDATE [CR 034]: page 383 (RTGS UDFS-chapter 11.2.1.2 Business File Header)

Besides the sending of single business messages RTGS supports inbound files.

[...]

Files submitted to RTGS should only contain instruction messages. If a submitted file contains query messages, RTGS will filter out the query messages and reject them each individually. This will not impact any instruction messages contained in the file, which will be processed as normal. The rejection of the query messages is caused by the fact that files are submitted via store-n-forward channel, which is not allowed for inbound query messages.

[...]

280 EUROSYSYSTEM UPDATE [internal review]: page 393ff (RTGS UDFS-chapter 11.3 Usage of Messages)

ISO Message	UDFS Chapter	Message Usage	Inbound/Outbound
[...]	[...]	[...]	[...]
camt.054	Return liquidity from sub-accounts to linked RTGS DCAs	Credit notification	Outbound
	<u>Terminate AS processing for AS settlement procedure A or B</u> <u>Reverse debit</u>	Credit notification	Outbound
[...]	[...]	[...]	[...]
pacs.002	Reject cash transfer order	Payment order rejection notification	Outbound
	<u>Perform standard RTGS settlement</u>	<u>Send SBTI transfer order rejection notification</u>	<u>Outbound</u>
	<u>Process RTGS payment order and liquidity transfer order [</u>	<u>Send SBTI transfer order rejection notification</u>	<u>Outbound</u>
	Process RTGS payment order and liquidity transfer order	Payment order rejection notification	Outbound
	Request payment order revocation or recall	Payment order revocation notification	Outbound
	Perform standard RTGS settlement	Payment order settlement notification	Outbound
	<u>Perform standard RTGS settlement</u>	<u>SBTI transfer order settlement notification</u>	<u>Outbound</u>
[...]	[...]	[...]	[...]
pain.998 ASInitiationStatus	Notify guarantee fund mechanism initiation [] Error! Bookmark not defined.	Guarantee fund mechanism decision request	Outbound

	<u>Trigger guarantee fund mechanism use</u>	<u>AS batch settlement notification</u>	<u>Outbound</u>
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Table 161 - Usage of Messages

281 EUROSISTEM UPDATE [internal review]: page 396ff (RTGS UDFS-chapter 11.4 Message references)

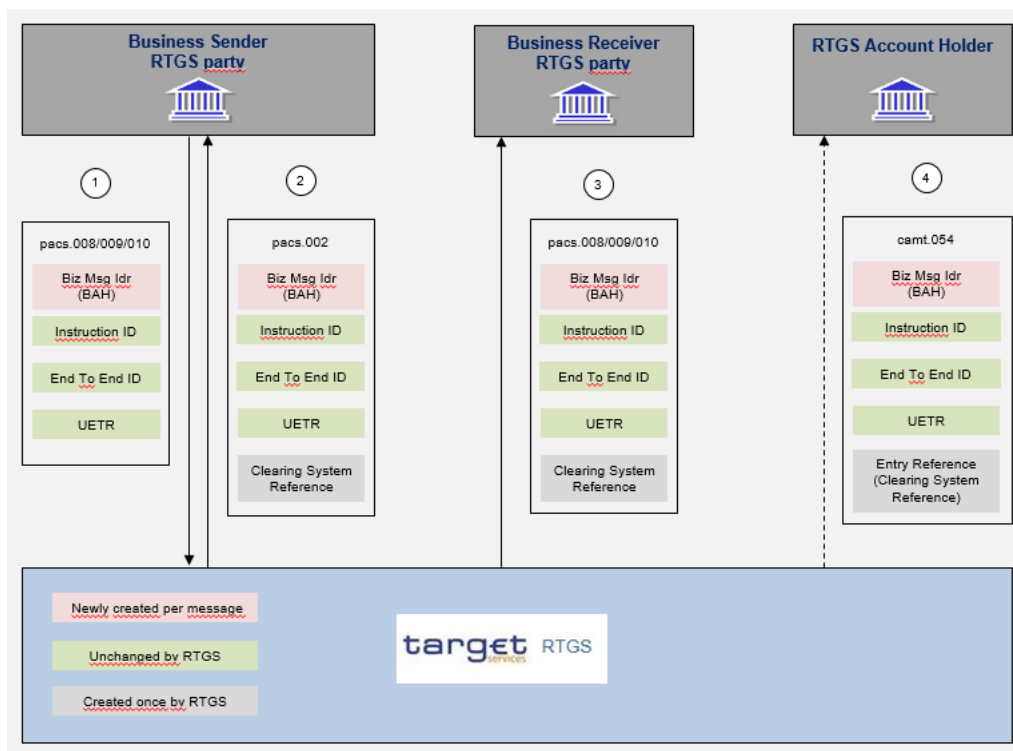
[Point-to-point reference[...]]

Clearing System Reference transports the booking reference to be assigned by RTGS.

[End-to-end reference[...]]

Clearing System Reference transports the booking reference to be assigned by RTGS.

All messages used by RTGS are ISO 20022 compliant. That means that in general all elements should be harmonised across the message portfolio and can simply be mapped into equivalent element in other messages, e.g. end-to-end identification. Nevertheless, in some cases the same information is mapped into another element, e.g. the booking reference added by RTGS in payment messages in element clearing system reference is mapped in booking notification message (camt.054) into element notification identification entry reference.



[replace figure 122 – Message References]

282 EUROSISTEM UPDATE [RealBICs / JIRAs CSLD 500 / 568 / 612 / 639 / 670 / SDD-CN21 / internal review]: page 397ff (RTGS UDFS-chapter 11.5 Business scenarios)

All single changes from FakeBICs to RealBICs are documented at Excel sheet
<https://favis.inet.bundesbank.de/otcs/llisapi.dll?func=ll&objaction=overview&objid=314095059>

This chapter provides [...], and system of real BICs [...][...], scenarios [...].

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

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

New table XXX – Table of BICs and account identifiers

Description of usage	Party BIC	Account BIC	Account identifier
System	TRGTEXPMRTG		
Party (CB)	MARKDEFFXXX		
RTGS CB account	MARKDEFFXXX	MARKDEFFXXX	MDEEURMARKDEFFXXXMARKDEFFXXX
AS guarantee fund (held by CB in this case)	MARKDEFFXXX	MARKDEF1200	GDEEURMARKDEFFXXXMARKDEF1200
Party (payment bank #1)	COBADEFFXXX		
RTGS DCA	COBADEFFXXX	COBADEFFXXX	RDEEURCOBADEFFXXXCOBADEFFXXX
RTGS Subaccount (linked to above DCA)	COBADEFFXXX	n/a	UDEEURCOBADEFFXXX16COBADEFFXXX0001
RTGS DCA	COBADEFFXXX	COBADEBB120	RDEEURCOBADEFFXXXCOBADEBB120
RTGS	COBADEFFXXX	n/a	UDEEURCOBADEFFXXX16COBADEBB1200001

Subaccount (linked to above DCA)			
Party (Indirect participant)	COBADEFF075		
Party (payment bank #2)	UBSWCHZHXXX		
RTGS DCA	UBSWCHZHXXX	UBSWCHZHXXX	RDEEURUBSWCHZHXXXUBSWCHZHXXX
RTGS DCA	UBSWCHZHXXX	UBSWCHZH80A	RDEEURUBSWCHZHXXXUBSWCHZH80A
RTGS Subaccount (linked to above DCA)	UBSWCHZHXXX	n/a	UDEEURUBSWCHZHXXX16UBSWCHZH80A0001
Party (payment bank #3)	SOLADESTXXX		
RTGS DCA	SOLADESTXXX	SOLADEST600	RDEEURSOLADESTXXXSOLADEST600
RTGS Subaccount (linked to above DCA)	SOLADESTXXX	n/a	UDEEURSOLADESTXXX16SOLADEST6000001
RTGS DCA	SOLADESTXXX	SOLADEST861	RDEEURSOLADESTXXXSOLADEST861
Externally held account	n/a	INGBDEFFXXX	
Party (payment bank #4)	SOGEFRPPHCM		
RTGS DCA	SOGEFRPPHCM	SOGEFRPPHCM	RDEEURSOGEFRPPHCM

Party (payment bank #5)	SYBKDEFFHAM		
Party (Indirect participant)	SYBKDEK22CPH		
Party (ancillary system)	MARKDEFFCLC		
AS technical account	MARKDEFFCLC	MARKDEFFCLC	TDEEURMARKDEFFCLCMARKDEFFCLC
Other mandatory message usages, but not used by RTGS			
Ultimate Debtor	BSCHARBASSS		
Debtor	BSCHARBAXXX		
Debtor Agent	BSCHESMMXXX		
Ultimate Creditor	INGBBRSPATA		
Creditor	INGBBRSPXXX		
Creditor Agent	INGBDEFFXXX		

table XXX – New and changed business scenarios – different changes

Business scenario	Overview	Message examples
Scenario 023 – RTGS	A pacs.008 payment message is fully	Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs023.xml Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs023.xml pacs.002_RTGS_FIPaymentStatusReport_ACSC-payment_bs023.xml

<p>pacs.004 successful return</p>	<p>processed and settled. The inbound pacs.008 is forwarded to the next business receiver in the payment chain as an outbound pacs.008 and a pacs.002 status report is sent to the sender of the pacs.008.</p> <p>The day after settlement has occurred, a revocation (cancellation/refund) chain is started using an inbound camt.056 message which is passed through to the next party in the payment chain as an outbound camt.056. Simultaneously, a camt.029 is sent to the sender of the camt.056 to advise that the camt.056 has been forwarded.</p> <p>Rather than a reply to the camt.056, a pacs.004 (return)</p>	<p>Inbound_camt.056_RTGS_PaymentCancellationRequest_bs023.xml</p> <p>Outbound_camt.056_RTGS_PaymentCancellationRequest_bs023.xml</p> <p>Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Forwarded_bs023.xml</p> <p>Inbound_pacs.004_RTGS_PaymentReturnOrder_bs023.xml</p> <p>Outbound_pacs.004_RTGS_PaymentReturn_bs023.xml</p> <p>pacs.002_RTGS_FIPaymentStatusReport_ACSC-return_bs023.xml</p>
-----------------------------------	---	--

	<p>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.</p>	
<p>Scenario 075 – RTGS pacs.008 settlement including indirect participants</p>	<p>Pacs.008 payment message is fully processed and settled. The inbound pacs.008 is then forwarded as an outbound pacs.008 to the next business receiver in the payment chain. The business sender has not subscribed to receive pacs.002 for successful settlement, so no pacs.002 is produced. The pacs.008 is forwarded to the next business receiver in the payment chain. In this scenario, the</p>	<p>Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs075.xml Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs075.xml</p>

	payment relates to indirect participants.	
Scenario 076 – RTGS pacs.009 settlement including indirect participants	Pacs.009 payment message is fully processed and settled. The inbound pacs.009 is then forwarded as an outbound pacs.009 to the next business receiver in the payment chain. The business sender has not subscribed to receive pacs.002 for successful settlement, so no pacs.002 is produced. In this scenario, the payment relates to indirect participants.	Inbound_pacs.009_RTGS_FICreditTransferOrder_bs076.xml Outbound_pacs.009_RTGS_FICreditTransfer_bs076.xml
Scenario 081 – RTGS payment validity timeout	a pacs.009 payment order message was validated by RTGS and queued for execution within the validity period given on the payment order. By the end of the	Inbound_pacs.009_RTGS_FICreditTransferOrder_bs081.xml (not available) admi.004_RTGS_SystemEventNotification_RJCT_bs081.xml

	<p>validity period, the payment order had not achieved settlement so RTGS rejected it and used an admi.004 system event notification message to notify the sender of the pacs.009 about the rejection.</p> <p>Note: to avoid an excess number of example payment messages, the pacs.009 is not available, but is assumed to be of a basic data population with a validity period and appropriate references for this scenario.</p>	
Scenario 082 – RTGS operations related	During the processing day, a problem occurred whereby an RTGS Party had to be temporarily excluded while the problem was resolved. The Operator used RTGS to send an	admi.004_RTGS_SystemEventNotification_FREE_bs082.xml

	admi.004 system event notification message to notify relevant parties of the exclusion.	
Scenario08 3 – RTGS threshold breaches	<p>During the processing day, settlement of payment orders and liquidity transfers alters some account balances in a way which takes them either over the ceiling threshold for the account, or under the floor threshold. RTGS tracks such threshold breaches and sends notifications to the account holders when it occurs.</p> <p>In this business scenario, RTGS has detected 2 such breaches during business scenarios bs021 and bs022.</p>	camt.004_RTGS_ReturnAccount_FLOR_bs083.xml camt.004_RTGS_ReturnAccount_CEIL_bs083.xml
Scenario 502 – procedure A settlement bank disagreeme nt	<p>[...].ASTI has been revoked.</p> <p>owing to disagreement</p>	[...]
Scenario 503 – procedure A	<p>[...] has been revoked. by the CB.</p>	

settlement failure		
Scenario 544 – procedure C partial settlement	[...]	[...] camt.053_RTGS_BankToCustomerStatement_bs998.xml
Scenario 561 – procedure D successful settlement with liquidity adjustment	[...]	[...] Outbound_camt.021_AS-D_ReturnGeneralBusinessInformation_OVN-PROC-OPEN_bs561.xml
Scenario 998 – RTGS camt.053 customer statement	[...]	[...] Inbound_pain.998_AS-C_ASTI_bs544.xml

283 EUROSISTEM UPDATE [JIRA CSLD-717 / internal review]: page 417ff (RTGS UDFS- chapter 12.1.1.3 admi.004 – The message in business context

New examples 081 and 082 – table 200, 201, 202, 203, 204, 205, 206, 207 – replace old admi.004-examples

Usage case: RTGS payment validity timeout (Scenario 081)

In this example, RTGS is notifying the receiver that at a previously valid payment order has failed to reach settlement during its stated validity period. The debtor RTGS account is shown along with the original priority, payment order UETR and the time of rejection.

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	REJT
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	RDEEURCOBADEFFXXXCOBADEFFXXX
Event Parameter Document/SysEvtNtfctn/EvtInf/EvtParam	URGT
Event Description Document/SysEvtNtfctn/EvtInf/EvtDesc	e009b081-59c5-41e9-be4c-d45102fc201e
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2020-10-13T13:30:00.001+00:00

Table 18 - SystemEventNotification (admi.004) – usage case Payment validity timeout (Scenario 081)

Usage case example: admi.004_RTGS_SystemEventNotification_RJCT_bs081.xml

Usage case: RTGS operations related (Scenario 082)

In this example, the RTGS Operator is notifying the receiver that a Party BIC has had to be excluded and advises that any payments sent for that party will be rejected.

Message item	Utilisation
Event Code Document/SysEvtNtfctn/EvtInf/EvtCd	FREE
Event Description Document/SysEvtNtfctn/EvtInf/EvtDesc	Participant BIC PRTYBIC1XXX excluded, payments to it will be rejected
Event Time Document/SysEvtNtfctn/EvtInf/EvtTm	2020-10-13T11:31:26.001+00:00

Table 19 - SystemEventNotification (admi.004) – usage case Operations related (Scenario 082)

Usage case example: admi.004_RTGS_SystemEventNotification_FREE_bs082.xml

284 EUROSYSYSTEM UPDATE [JIRA CSLD-661]: page 425 (RTGS UDFS-chapter 12.1.3.1 admi.007 – Overview and scope of the message

The *ReceiptAcknowledgement* message is sent by RTGS to the business sender of a previously ~~inbound~~ sent message/file to inform of a either a technical validation error or business validation error.

The ReceiptAcknowledgement message is sent without a BAH, if inbound message / inbound file were rejected to the usages "message rejection notification" and "file rejection notification".

The ReceiptAcknowledgement message is sent with a BAH, to inform of a ~~business~~ validation error for the "ReportQueryRequest" message (admi.005) only for all other usages.

285 EUROSYSYSTEM UPDATE [JIRA CSLD-661]: page 427 (RTGS UDFS-chapter 12.1.3.3 admi.007 – The message in business context

Change at table 210 – page 427

Message item	Utilisation
[...]	
Related Reference /Document/RctAck/Rpt/RltdRef/Ref	<p>If message/file is not readable, i.e. technical validation error, this field will contain "NONREF".</p> <p>In the case of a business validation error this field will contain the BAH BizMsgIdr for a single message submission or the BFH PyIdldr for a file submission <u>Copy of BizMsgIdr of inbound message / copy of PyIdldr of inbound file</u>.</p> <p>If BizMsgIdr of inbound message / PyIdldr of inbound file cannot be identified, this field contains "NONREF.BAH BizMsgIdr/ BFH PyIdldr if possible to be extracted, otherwise NONREF"</p>
[...]	

286 EUROSYSYSTEM UPDATE [JIRA CSLD-528 / internal review]: page –480ff (RTGS UDFS- chapter 12.2.14.3 camt.029 – The message in business context

Change at table 241 – page 480

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Change at table 242 – page 461

Message item	Utilisation
[...]	
Cancellation Details	
Reason Code Proprietary /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/CxIStsRsnInf/Rsn/ PtryCd	LEGL
[...]	

Change of: Inbound_camt.029_RTGS_PaymentCancellationRequestStatus_Rejection~~ed~~_bs022.xml

Change at table 243 – page 483

Message item	Utilisation
[...]	
Cancellation Details	
Reason Code Proprietary /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/CxIStsRsnInf/Rsn/ PtryCd	LEGL
[...]	

Change of: Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Rejection~~ed~~_bs022.xml

New table xxx for business scenario 023 – page

Usage case: Payment Order Revocation Execution Notification – Successful return (Scenario 023)

In this example, RTGS is advising the business sender of a previous camt.056 (payment cancellation request) that the request has been forwarded to the next business receiver in the payment chain.

Message item	Utilisation
Assignment	
Identification /Document/RsltnOfInvstgtn/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgnr/Agt/FinInstnId/BICFI	SOLADESTXXX
Assignee Agent BIC /Document/RsltnOfInvstgtn/Assgnmt/Assgne/Agt/FinInstnId/BICFI	COBADEFFXXX
Creation Date Time /Document/RsltnOfInvstgtn/Assgnmt/CreDtTm	2019-10-07T10:14:00.001+00:00
Status	
Status Confirmation /Document/RsltnOfInvstgtn/Sts/Conf	FTNA
Cancellation Details	
Original message ID /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlGrpInf/OrgnlMsgId	Inp008b023-BAHId
Original Message Name Identification /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlGrpInf/OrgnlMsgNmId	pacs.008.001.08
Original End to End Identification /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlEndToEndId	Inp008b023-E2EId
Original Clearing System Reference /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlClrSysRef	RTGS-p008b023
Original UETR /Document/RsltnOfInvstgtn/CxIDtls/TxInfAndSts/OrgnlUETR	e008b023-59c5-41e9-be4c-d45102fc201e

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

Usage case example:

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Forwarded_bs023.xml

**287 EUROSISTEM UPDATE [JIRA CSLD-734]: page 511ff (RTGS UDFS-chapter 12.2.20.3
camt.053 – The message in business context**

Table 263 - page 511

Message item	Utilisation
[...]	
Entry Details	

<p>Local Instrument Proprietary</p> <p>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</p>	<p>Liquidity transfers:</p> <ul style="list-style-type: none"> LIIE = Immediate liquidity transfer - inter-service LIIA - Immediate liquidity transfer - intra-service (incl. AS-related + SBTI) LIAS - Immediate liquidity transfer - intra-service ancillary system on behalf LAUT - Automated liquidity transfer LRFB = Rule-based liquidity transfer - floor breach LRCB = Rule-based liquidity transfer - ceiling breach LRQP = Rule-based liquidity transfer - queued RTGS payment or queued AS transfer LSIE = Standing order liquidity transfer - inter-service LSIA = Standing order liquidity transfer - intra-service (incl. AS-related) LCCA = Automated contingency liquidity transfer - closing of accounts <u>LIPU - Immediate LT - inter-service pull</u>
[...]	

Change and new entry at table 264 – page 512

Message item	Utilisation
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[...]	
Statement	
<u>Owner</u> /Document/BkToCstmrStmt/Stmt/Acct/Ownr/Id/OrgId/AnyBIC	<u>COBADEBB120</u>
[...]	
Transaction summary	
Number of all entries /Document/BkToCstmrStmt/Stmt/TxsSummry/TtlNtries/NbOfNtries	32
Entry 3	
<u>Entry Identification</u> /Document/BkToCstmrStmt/Stmt/Ntry/NtryRef	<u>RTGS-p998b544-8</u>
<u>Amount</u> /Document/BkToCstmrStmt/Stmt/Ntry/Amt	<u>EUR 79500.00</u>
<u>Credit Debit Ind</u> /Document/BkToCstmrStmt/Stmt/Ntry/CrdDbtInd	<u>CRDT</u>
<u>Status</u> /Document/BkToCstmrStmt/Stmt/Ntry/Sts/Cd	<u>BOOK</u>
<u>Settlement Date Time</u> /Document/BkToCstmrStmt/Stmt/Ntry/BookgDt/DtTm	<u>2019-10-08T14:22:01.001+00:00</u>
<u>Value Date</u> /Document/BkToCstmrStmt/Stmt/Ntry/ValDt/Dt	<u>2019-10-08</u>
<u>Bank Transaction Code</u> /Document/BkToCstmrStmt/Stmt/Ntry/BkTxCd/Prtry/Cd	<u>ASTI</u>
Details from underlying payment or liquidity transfer order	
<u>Instruction ID</u> /Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Refs/InstrId	<u>Inp998b544-InsId8</u>
<u>End To End Identification</u> /Document/BkToCstmrStmt/Stmt/Ntry/NtryDtls/TxDtls/Refs/EndToEndId	<u>Inp998b544-E2EIdC</u>

<u>UETR</u> <u>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/Refs/UETR</u>	<u>e998b544-59c5-41e9-be4c-d45102fc201e</u>
<u>Related Party Debtor BIC</u> <u>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/RltdPties/Dbtr/Pty</u> <u>/Id/OrgId/AnyBIC</u>	<u>MARKDEFFCLC</u>
<u>Related Party Debtor BIC</u> <u>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/RltdPties/Dbtr/Pty</u> <u>/Id/OrgId/AnyBIC</u>	<u>COBADEFF120</u>
<u>Creditor Account</u> <u>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/RltdPties/CdtrAcc</u> <u>t/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEB</u> <u>B1200001</u>
<u>Related Agent Instructing Agent</u> <u>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/RltdAgts/InstgAg</u> <u>/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Related Agent Instructed Agent</u> <u>/Document/BkToCstmrStmnt/Stmnt/Ntry/NtryDtls/TxDtls/RltdAgts/InstdAg</u> <u>/FinInstnId/BICFI</u>	<u>COBADEFF120</u>

288 EUROSISTEM UPDATE [JIRA CSLD-487 / 634 / 655 / 668 / internal review]: page 520ff
(RTGS UDFS-chapter 12.2.21.3 camt.054 – The message in business context

Table 265 – page 520

Message item	Utilisation
Entry Details	
[...]	
Debtor Agent BIC <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxD</u>	For AS transfer: I BIC of sending AS or BIC of the ancillary

tls/RltdAgts/DbtrAgt/FinInstnId/BICFI	<p>system in <InitiatingParty> of ASTI if sent by CB on behalf of ancillary system.</p> <p>■ For standing order liquidity transfer related to AS settlement procedure <u>C + D</u>: BIC of ancillary system.</p>
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Change at table 266 – page 522

Message item	Utilisation
[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	RTGS-e50b041 <u>Ouc054b041-BAHId</u>
Entry	
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-08</u>
[...]	

Change at table 267 – page 523

Message item	Utilisation
[...]	
Notification	
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	RTGS-SO01b067 <u>Ouc054b067-BAHId</u>
Entry	
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2019-10-07</u>

[...]

Usage case: Credit Notification (Liquidity Order) (Scenario 070)

In this example, RTGS is advising the owner of an RTGS account (with ID "RDEEURUBSWCHZHXXXUBSWCHZHXXX") of a credit of EUR252000.00 which has been made to that account, resulting from the settlement of a liquidity transfer order from CLM (scenario 070 described in CLM UDFS). The instructing camt.050 from CLM can be identified using the business sender's End-to-End Id, which is also supplied on the camt.054.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
<u>Creation date and time</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2019-10-07T13:10:05.001+00:00
<u>Notification</u>	
<u>Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	RTGS-c050b070 Ouc054b070-BAHId
<u>Account Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	RDEEURUBSWCHZHXXXUBSWC HZHXXX
<u>Entry</u>	
<u>Entry Reference</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	RTGS-c050b070
<u>Amount</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 252000.00
<u>CreditDebitIndicator</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd	CRDT
<u>Status Code</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK

<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2019-10-07T13:10:00.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt</u>	<u>2019-10-07</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inc050b070-BAHId</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inc050b070-E2EId</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Amt</u>	<u>EUR 252000.00</u>
<u>Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/DtrAcct/Id/Othr/Id</u>	<u>MDEEURSOLADESTXXXXSOLADESTXXX</u>
<u>Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>RDEEURUBSWCHZHXXXUBSWCHZHXXX</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry</u>	<u>LIIE</u>

Table xxx - BankToCustomerCreditDebitNotification (camt.054) – usage case Credit Notification (Liquidity Order) (Scenario 070)

Usage case example: camt.054_RTGS_CreditNotification_LIQT_bs070.xml

Usage case: Credit Debit Notification – procedure A successful settlement (Scenario 501)

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURCOBADEFFXXXCOBADEFFXXX) of an amount of EUR22000 which was debited from the account at 10:15:01. The debit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX– page

Message item	Utilisation
<u>Message ID</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	<u>NONREF</u>
<u>Creation date and time</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	<u>2020-02-06T10:15:02.001+00:00</u>
<u>Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	<u>Ouc054b5011D-BAHId</u>
<u>Account Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	<u>RDEEURCOBADEFFXXXCOBADEFFXXX</u>
<u>Entry</u>	
<u>Entry Reference</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	<u>p998b501-1</u>
<u>Amount</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	<u>EUR 22000</u>
<u>CreditDebitIndicator</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd	<u>DBIT</u>
<u>Status Code</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	<u>BOOK</u>
<u>Booking Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	<u>2020-02-06T10:15:01.001+00:00</u>
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt	<u>2020-02-06</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b501-InsId1</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b501-E2EIdA</u>
<u>Entry Details</u>	
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure A successful settlement (Scenario 501)

Usage case example: camt.054 AS-A DebitNotification bs501-1D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXXSOLADEST600) of an amount of EUR22000 which was credited to the account at 10:15:01. The credit was instructed in an ASTI message from an ancillary system in relation to the references shown. New table 282 – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T10:15:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5012C-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXXSOLADEST600</u>
<u>Entry</u>	

<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b501-2</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 22000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Code</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T10:15:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCode/Prtry/Cd</u>	<u>ASTI</u>
<u>Entry Details</u>	
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b501-InsId2</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b501-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure A successful settlement (Scenario 501)

Usage case example: camt.054 AS-A CreditNotification bs501-2C.xml

Usage case: Credit Debit Notification – procedure A settlement failure (Scenario 503)

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURUBSWCHZHXXXUBSWCHZHXXX) of an amount of EUR40000 which was debited from the account at 10:20:01. The debit was instructed in an AS Transfer Initiation (pain.998 ASTI) from an ancillary system in relation to the references shown.

Newtable XXX – page 640

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T10:28:01.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5031Ddb-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr</u> <u>/Id</u>	<u>RDEEURUBSWCHZHXXXUBSWCHZHXXX</u>
<u>Entry</u>	
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b503-1</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 40000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>DBIT</u>
<u>Status Code</u>	<u>BOOK</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T10:28:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Entry Details</u>	
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b503-InsId1</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b503-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure A settlement failure (Scenario 503)

Usage case example: camt.054 AS-A DebitNotification bs503-1D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURUBSWCHZHXXXUBSWCHZHXXX) of an amount of EUR40000 which was credited to the account at 10:28:01. The credit was instructed by the reversal of a previously settled movement in the same AS Transfer Initiation (pain.998 ASTI) in relation to the references shown. Within this scenario, this is a reversal of a successful debit movement in an ASTI which later failed.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T10:28:01.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5031Dcr-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr</u> <u>/Id</u>	<u>RDEEURUBSWCHZHXXXUBSWCHZHXXX</u>
<u>Entry</u>	
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b503R1</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 40000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T10:28:01.001+00:00</u>
<u>Value Date</u>	<u>2020-02-06</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/ Dt</u>	
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxC d/Prtry/Cd</u>	<u>ASTI</u>
<u>Entry Details</u>	
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl s/TxDtls/Refs/InstrId</u>	<u>Inp998b503-InsId1</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl s/TxDtls/Refs/EndToEndId</u>	<u>Inp998b503-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl s/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure A settlement failure (Scenario 503)

Usage case example: camt.054 AS-A CreditNotification bs503-1D.xml

Usage case: Credit Debit Notification – procedure A with guarantee fund mechanism (Scenario 504)

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXXSOLADEST600) of an amount of EUR47000 which was debited from the account at 10:45:02. The debit was instructed in an ASTI message from an ancillary system in relation to the references shown.

Change at New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T10:45:02.001+00:00</u>
<u>Identification</u>	<u>Ouc054b5041D-BAHId</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXXSOLADEST600</u>
<u>Entry</u>	
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b504-1</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 47000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T10:45:02.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Entry Details</u>	
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b504-InsId1</u>

<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl</u> <u>s/TxDtls/Refs/EndToEndId</u>	<u>Inp998b504-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtl</u> <u>s/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054_AS-A_DebitNotification_bs504-1D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: GDEEURMARKDEFFXXXMARKDEF1200) of an amount of EUR19500 which was debited from the account at 10:47:00. The debit was instructed within RTGS in response to a Guarantee Fund mechanism authorisation from an AS. Note: This DCA had been previously denoted as the Guarantee Fund account for the AS, for this precise purpose.

Change at New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T10:47:00.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b504GFD-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr</u> <u>/Id</u>	<u>GDEEURMARKDEFFXXXMARKDEF1200</u>
<u>Entry</u>	
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRe</u> <u>f</u>	<u>RTGS-p998b504G3</u>
<u>Amount</u>	<u>EUR 19500</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/Amt</u>	
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/CrdDbtInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T10:47:00.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/ValDt/Dt</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Entry Details</u>	
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inc025b504-BAHId</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Oup998b504-BAHIdGF</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/NtFctn/Ntry/NtryDtls/TxDtls/LclInstrm/Cd</u>	<u>ASTI</u>

Table xxx - DebitNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054 AS-A DebitNotification bs504-GF.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOGEFRPPHCMSOGEFRPPHCM) of an amount of EUR19500 which was debited from the account at 10:47:01. The debit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
<u>Creation date and time</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2020-02-06T10:47:01.001+00:00
<u>Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b5043D-BAHId
<u>Account Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	RDEEURSOGEFRPPHCMSOGEFRPPHCM
Entry	
<u>Entry Reference</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	RTGS-p998b504-3
<u>Amount</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 19500
<u>CreditDebitIndicator</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd	DBIT
<u>Status Code</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK
<u>Booking Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Bookg	2020-02-06T10:47:01.001+00:00

<u>Dt/DtTm</u>	
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/Dt</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Entry Details</u>	
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b504-InsId3</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b504-E2EIdB</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054_AS-A_DebitNotification_bs504-3D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXSOLADEST861) of an amount of EUR19500 which was credited to the account at 10:47:01. The credit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX– page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T10:47:01.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5044C-BAHId</u>
<u>Account Identification</u>	<u>RDEEURSOLADESTXXXSOLADEST861</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b504-4</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 19500</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T10:47:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b504-InslId4</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b504-E2EIdB</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure A with guarantee fund mechanism (Scenario 504)

Usage case example: camt.054 AS-A CreditNotification bs504-4C.xml

Usage case: Credit Debit Notification – procedure B successful settlement (Scenario 521)

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURCOBADEFFXXXCOBADEFFXXX) of an amount of EUR51000 which was debited from the account at 11:04:00. The debit was instructed in an AS Transfer Initiation (pain.998 ASTI) from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
Message ID /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	<u>NONREF</u>
Creation date and time /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	<u>2020-02-06T11:05:00.001+00:00</u>
Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	<u>Ouc054b5211D-BAHId</u>
Account Identification /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	<u>RDEEURCOBADEFFXXXCOBADEFFXXX</u>
Entry Reference /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	<u>RTGS-p998b521-1</u>
Amount /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	<u>EUR 51000</u>
CreditDebitIndicator /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd	<u>DBIT</u>
Status Code /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	<u>BOOK</u>
Booking Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookingDt/DtTm	<u>2020-02-06T11:04:00.001+00:00</u>
Value Date /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt	<u>2020-02-06</u>

<u>/DtTm</u>	
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b521-InsId1</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b521-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAqts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure B successful settlement (Scenario 521)

Usage case example: camt.054 AS-B DebitNotification bs521-1D.xml

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURUBSWCHZHXXXUBSWCHZHXXX) of an amount of EUR51000 which was credited to the account at 11:04:00. The credit was instructed in an AS Transfer Initiation (pain.998 ASTI) from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T11:05:00.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5212C-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURUBSWCHZHXXXUBSWCHZHXXX</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryR</u>	<u>RTGS-p998b521-2</u>

<u>ef</u>	
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 51000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T11:04:00.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b521-InsId2</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b521-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure B successful settlement (Scenario 521)

Usage case example: camt.054 AS-B CreditNotification bs521-2C.xml

Usage case: Credit Debit Notification – procedure C successful settlement (Scenario 541)

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURCOBADEFFXXXCOBADEFFXXX) of an amount of EUR104000 which was debited from the account at 14:00:01. The debit was instructed by an existing standing order.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	<u>NONREF</u>
<u>Creation date and time</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	<u>2020-02-07T14:00:02.001+00:00</u>
<u>Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	<u>Ouc054b5411D-BAHId</u>
<u>Account Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	<u>RDEEURCOBADEFFXXXCOBADEFFXXX</u>
<u>Entry Reference</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	<u>RTGS-SO01b541</u>
<u>Amount</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	<u>EUR 104000</u>
<u>CreditDebitIndicator</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd	<u>DBIT</u>
<u>Status Code</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	<u>BOOK</u>
<u>Booking Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookingDt/DtTm	<u>2020-02-07T14:00:01.001+00:00</u>
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm	<u>2020-02-07</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>InSO01b541-BizCase</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>InSO01b541-StOId</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</u>	<u>LSIA</u>

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054 AS-C DebitNotification bs541-1D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXSOLADEST600) of an amount of EUR106000 which was debited from the account at 14:00:01. The debit was instructed by an existing standing order.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-07T14:00:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5412D-BAHId</u>

<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXSOLADEST600</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-SO02b541</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 106000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookingDt/DtTm</u>	<u>2020-02-07T14:00:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-07</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>InSO02b541-BizCase</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>InSO02b541-StOId</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</u>	<u>LSIA</u>

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054 AS-C DebitNotification bs541-2D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXSOLADEST600) of an amount of EUR8000 which was debited from the account at 14:30:01. The debit was instructed in an ASTI message from an ancillary system in relation to a liquidity adjustment order.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-07T14:30:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b541L6D-BAHId</u>

<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXSOLADEST600</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b541-6</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 8000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-07T14:30:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-07</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b541-InsId6</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b541-E2EIdB</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</u>	<u>LIAS</u>

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054 AS-C DebitNotification bs541-6D.xml

In this example, RTGS is informing the payment bank owning a subaccount (ID: UDEEURCOBADEFFXXX16COBADEFFXXX0001) of an amount of EUR113000 which was credited to the subaccount at 14:31:01. The credit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-07T14:31:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b541P5C-BAHId</u>

<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Of</u> <u>hr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryR</u> <u>ef</u>	<u>RTGS-p998b541-5</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 113000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdD</u> <u>btInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/C</u> <u>d</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Book</u> <u>gDt/DtTm</u>	<u>2020-02-07T14:31:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt</u> <u>/DtTm</u>	<u>2020-02-07</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b541-InsId5</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b541-E2EIdA</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAqts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054 AS-C CreditNotification bs541-5C.xml

In this example, RTGS is informing the payment bank owning a subaccount (ID: UDEEURSOLADESTXXX16SOLADEST6000001) of an amount of EUR113000 which was debited from the subaccount at 14:31:01. The debit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-07T14:31:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b541P4D-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>

<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b541-4</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 113000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-07T14:31:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-07</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b541-InsId4</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b541-E2EIdA</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054_AS-C_DebitNotification_bs541-4D.xml

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURCOBADEFFXXXCOBADEFFXXX) of an amount of EUR217000 which was credited to the DCA from a linked subaccount at 15:00:01. The credit was instructed during the processing of an End Of Procedure C.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-07T15:00:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5417C-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURCOBADEFFXXXCOBADEFFXXX</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-EOP7b541</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 217000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-07T15:00:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-07</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inc021b541EOP-BAHId</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inc021b541EOP-BAHId</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry</u>	<u>LCCA</u>

Table xxx - CreditNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054 AS-C CreditNotification bs541-7C.xml

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURSOLADESTXXXSOLADEST600) of an amount of EUR1000 which was credited to the DCA from a linked subaccount at 15:00:01. The credit was instructed during the processing of an End Of Procedure C.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-07T15:00:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5419C-BAHId</u>

<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXSOLADEST600</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-EOP9b541</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 1000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-07T15:00:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-07</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inc021b541EOP-BAHId</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inc021b541EOP-BAHId</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry</u>	<u>LCCA</u>

Table xxx - CreditNotification (camt.054) – procedure C successful settlement (Scenario 541)

Usage case example: camt.054 AS-C CreditNotification bs541-9C.xml

Usage case: Credit Debit Notification – procedure C partial settlement (Scenario 544)

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURCOBADEFFXXXCOBADEFFXXX) of an amount of EUR104000 which was debited from the account at 14:00:01. The debit was instructed by an existing standing order.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-08T14:00:02.001+00:00</u>
<u>Identification</u>	<u>Ouc054b5441D-BAHId</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Oth</u> <u>r/Id</u>	<u>RDEEURCOBADEFFXXCOBADEFFXXX</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryR</u> <u>ef</u>	<u>RTGS-SO01b544</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 104000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDb</u> <u>tInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/C</u> <u>d</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Bookg</u> <u>Dt/DtTm</u>	<u>2020-02-08T14:00:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/</u> <u>DtTm</u>	<u>2020-02-08</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>InSO01b544-BizCase</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>InSO01b544-StOId</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry</u>	<u>LSIA</u>

Table xxx - DebitNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054 AS-C DebitNotification bs544-1D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXXSOLADEST600) of an amount of EUR106000 which was debited from the account at 14:00:01. The debit was instructed by an existing standing order.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-08T14:00:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5442D-BAHId</u>

<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Other/Id</u>	<u>RDEEURSOLADESTXXXSOLADEST600</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryReference</u>	<u>RTGS-SO02b544</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 106000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CreditDebitIndicator</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/StatusCode</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookingDate/DtTm</u>	<u>2020-02-08T14:00:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValueDate/DtTm</u>	<u>2020-02-08</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>InSO02b544-BizCase</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>InSO02b544-StId</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</u>	<u>LSIA</u>

Table xxx - DebitNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054 AS-C DebitNotification bs544-2D.xml

In this example, RTGS is informing the payment bank owning a subaccount (ID: UDEEURCOBADEFFXXX16COBADEFFXXX0001) of an amount of EUR79500 which was debited from the subaccount at 14:22:01. The debit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-08T14:50:01.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5447D-BAHId</u>

<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Of</u> <u>hr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryR</u> <u>ef</u>	<u>RTGS-p998b544-7</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 79500</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdD</u> <u>btInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/C</u> <u>d</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Book</u> <u>gDt/DtTm</u>	<u>2020-02-08T14:22:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt</u> <u>/DtTm</u>	<u>2020-02-08</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b544-InsId7</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b544-E2EIdC</u>
<u>Related Parties Debtor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdPties/DbtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAqts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054 AS-C DebitNotification bs544-7D.xml

In this example, RTGS is informing the payment bank owning a subaccount (ID: UDEEURUBSWCHZHXXX16UBSWCHZH80A0001) of an amount of EUR79500 which was credited to the subaccount at 14:22:01. The credit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-08T14:50:01.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5448C-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEBB1200001</u>

<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b544-8</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 79500</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-08T14:22:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-08</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b544-InsId8</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b544-E2EIdC</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEBB1200001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054_AS-C_CreditNotification_bs544-8C.xml

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURCOBADEFFXXXCOBADEFFXXX) of an amount of EUR24500 which was credited to the DCA from a linked subaccount at 15:00:01. The credit was instructed during the processing of an End Of Procedure.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	NONREF
<u>Creation date and time</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	2020-02-08T15:00:02.001+00:00
<u>Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	Ouc054b5449C-BAHId
<u>Account Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	RDEEURCOBADEFFXXXCOBADEFFXXX
<u>Entry Reference</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	RTGS-EOP9b544
<u>Amount</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	EUR 24500
<u>CreditDebitIndicator</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd	CRDT
<u>Status Code</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	BOOK
<u>Booking Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm	2020-02-08T15:00:01.001+00:00
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm	2020-02-08

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inc021b544EOP-BAHId</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inc021b544EOP-BAHId</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURCOBADEFFXXX16COBADEFFXXX0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry</u>	<u>LCCA</u>

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054 AS-C CreditNotification bs544-9C.xml

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURUBSWCHZHXXXUBSWCHZH80A) of an amount of EUR79500 which was credited to the DCA from a linked subaccount at 15:00:01. The credit was instructed during the processing of an End Of Procedure C.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-08T15:00:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b54410C-BAHId</u>
<u>Account Identification</u>	<u>RDEEURUBSWCHZHXXXUBSWCHZH80A</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-EOP10b544</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 79500</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-08T15:00:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-08</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inc021b544EOP-BAHId</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inc021b544EOP-BAHId</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURUBSWCHZHXXX16UBSWCHZH80A0001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</u>	<u>LCCA</u>

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054 AS-C CreditNotification bs544-10C.xml

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURSOLADESTXXXSOLADEST600) of an amount of EUR106000 which was credited to the DCA from a linked subaccount at 15:00:01. The credit was instructed during the processing of an End Of Procedure C.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-08T15:00:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b54411C-BAHId</u>
<u>Account Identification</u>	<u>RDEEURSOLADESTXXXSOLADEST600</u>

<u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-EOP11b544</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 106000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-08T15:00:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-08</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inc021b544EOP-BAHId</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inc021b544EOP-BAHId</u>
<u>Related Parties Creditor Account</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdPties/CdtrAcct/Id/Othr/Id</u>	<u>UDEEURSOLADESTXXX16SOLADEST6000001</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/LclInstrm/Prtry</u>	<u>LCCA</u>

Table xxx - CreditNotification (camt.054) – procedure C partial settlement (Scenario 544)

Usage case example: camt.054 AS-C CreditNotification bs544-11C.xml

Usage case: Credit Debit Notification – procedure D successful settlement with liquidity adjustment (Scenario 561)

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURCOBADEFFXXXCOBADEFFXXX) of an amount of EUR120000 which was debited from the account at 19:30:01. The debit was instructed by an existing standing order.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T19:30:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5611D-BAHId</u>

<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Other/Id</u>	<u>RDEEURCOBADEFFXXCOBADEFFXXX</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryReference</u>	<u>RTGS-SO01b561-1</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 120000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CreditDebitIndicator</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/StatusCode</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookingDate/DtTm</u>	<u>2020-02-06T19:30:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValueDate/DtTm</u>	<u>2020-02-07</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>LIQT</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>InSO01b561-BizCase</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>InSO01b561-StOId</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>
<u>Local Instrument Proprietary</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/LclInstrm/Prtry</u>	<u>LSIA</u>

Table xxx - DebitNotification (camt.054) – procedure D successful settlement with liquidity adjustment (Scenario 561)

Usage case example: camt.054 AS-D DebitNotification bs561-1D.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXSOLADEST600) of an amount of EUR250000 which was credited to the account at 09:10:01. The credit was instructed in an ASTI message from an ancillary system in relation to the references shown.

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-07T09:10:02.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5613C-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXSOLADEST600</u>

<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b561-1</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 250000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-07T09:10:01.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-07</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b561-InsId3</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b561-E2EIdC</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure D successful settlement with liquidity adjustment (Scenario 561)

Usage case example: camt.054 AS-D CreditNotification bs561-3C.xml

Usage case: Credit Debit Notification – procedure E successful settlement (Scenario 581)

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURUBSWCHZHXXXUBSWCHZHXXX) of an amount of EUR89000 which was debited from the account at 12:01:00. The debit was instructed in an AS Transfer Initiation (pain.998 ASTI) from an ancillary system in relation to the references shown and this camt.054 is being sent to the account owner (party BIC: UBSWCHZHXXX).

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T12:01:00.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5811D-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Oth</u> <u>r/Id</u>	<u>RDEEURUBSWCHZHXXXUBSWCHZHXXX</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryR</u> <u>ef</u>	<u>RTGS-p998b581-1</u>
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 89000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDb</u> <u>tInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sis/C</u> <u>d</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Bookg</u> <u>Dt/DtTm</u>	<u>2020-02-06T12:01:00.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/</u> <u>DtTm</u>	<u>2020-02-06</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b581-InsId1</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b581-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure E successful settlement (Scenario 581)

Usage case example: camt.054 AS-E DebitNotification bs581-1D.xml

In this example, RTGS is informing the payment bank owning a DCA (ID: RDEEURSOLADESTXXXSOLADEST600) of an amount of EUR81000 which was credited to the account at 12:01:00. The credit was instructed in an AS Transfer Initiation (pain.998 ASTI) from an ancillary system in relation to the references shown and this Credit Debit Notification (camt.054) is being sent to the account owner (party BIC: SOLADESTXXX).

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T12:01:00.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5812C-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXSOLADEST600</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryR</u>	<u>RTGS-p998b581-2</u>

<u>ef</u>	
<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 81000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdD</u> <u>bitInd</u>	<u>CRDT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/C</u> <u>d</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Book</u> <u>gDt/DtTm</u>	<u>2020-02-06T12:01:00.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt</u> <u>/DtTm</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTx</u> <u>d/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryD</u> <u>tls/TxDtls/Refs/InstrId</u>	<u>Inp998b581-InsId2</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryD</u> <u>tls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b581-E2EIdB</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryD</u> <u>tls/TxDtls/RltdAqts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure E successful settlement (Scenario 581)

Usage case example: camt.054_AS-E_CreditNotification_bs581-2C.xml

Usage case: Credit Debit Notification – procedure E mixed settlement (Scenario 582)

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXXSOLADEST600) of an amount of EUR90000 which was credited to the account at 12:16:00. The credit was instructed in an AS

Transfer Initiation (pain.998 ASTI) message from an ancillary system. This Credit Notification (camt.054) is being sent to the payment bank owning the credited account (party BIC: SOLADESTXXX).

New table XXX – page

Message item	Utilisation
<u>Message ID</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId	<u>NONREF</u>
<u>Creation date and time</u> /Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm	<u>2020-02-06T12:16:00.001+00:00</u>
<u>Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id	<u>Ouc054b5821C-BAHId</u>
<u>Account Identification</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id	<u>RDEEURSOLADESTXXXSOLADEST600</u>
<u>Entry Reference</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef	<u>RTGS-p998b582-1</u>
<u>Amount</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt	<u>EUR 90000</u>
<u>CreditDebitIndicator</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd	<u>CRDT</u>
<u>Status Code</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd	<u>BOOK</u>
<u>Booking Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookingDt/DtTm	<u>2020-02-06T12:16:00.001+00:00</u>
<u>Value Date</u> /Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm	<u>2020-02-06</u>

<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/InstrId</u>	<u>Inp998b582-InsId1</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/Refs/EndToEndId</u>	<u>Inp998b582-E2EIdA</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtls/TxDtls/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - CreditNotification (camt.054) – procedure E successful settlement (Scenario 582)

Usage case example: camt.054 AS-E CreditNotification bs582-1C.xml

In this example, RTGS is informing the payment bank owning DCA (ID: RDEEURSOLADESTXXXSOLADEST861) of an amount of EUR92000 which was debited from the account at 12:16:00. The debit was instructed in an AS Transfer Initiation (pain.998 ASTI) from an ancillary system. This Debit Notification (camt.054) is being sent to the payment bank owning the debited account (party BIC: SOLADESTXXX).

New table XXX – page

Message item	Utilisation
<u>Message ID</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/MsgId</u>	<u>NONREF</u>
<u>Creation date and time</u> <u>/Document/BkToCstmrDbtCdtNtfctn/GrpHdr/CreDtTm</u>	<u>2020-02-06T12:16:00.001+00:00</u>
<u>Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Id</u>	<u>Ouc054b5824D-BAHId</u>
<u>Account Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Acct/Id/Othr/Id</u>	<u>RDEEURSOLADESTXXXSOLADEST861</u>
<u>Entry Reference</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryRef</u>	<u>RTGS-p998b582-4</u>

<u>Amount</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Amt</u>	<u>EUR 92000</u>
<u>CreditDebitIndicator</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/CrdDbtInd</u>	<u>DBIT</u>
<u>Status Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/Sts/Cd</u>	<u>BOOK</u>
<u>Booking Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BookgDt/DtTm</u>	<u>2020-02-06T12:16:00.001+00:00</u>
<u>Value Date</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/ValDt/DtTm</u>	<u>2020-02-06</u>
<u>Bank Transaction Code</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/BkTxCd/Prtry/Cd</u>	<u>ASTI</u>
<u>Instruction Identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/InstrId</u>	<u>Inp998b582-InsId4</u>
<u>End-to-end identification</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/Refs/EndToEndId</u>	<u>Inp998b582-E2EIdD</u>
<u>Debtor Agent BIC</u> <u>/Document/BkToCstmrDbtCdtNtfctn/Ntfctn/Ntry/NtryDtIs/TxDtIs/RltdAgts/DbtrAgt/FinInstnId/BICFI</u>	<u>MARKDEFFCLC</u>

Table xxx - DebitNotification (camt.054) – procedure E successful settlement (Scenario 582)

Usage case example: camt.054 AS-E DebitNotification bs582-4D.xml

289 EUROSYSYSTEM UPDATE [JIRA CSLD-639 / Internal review]: page –527ff (RTGS UDFS- chapter 12.2.22.3 camt.056 – The message in business context

New example bs023

Usage case: Payment Order Revocation Request – Successful return (Scenario 023)

In this example, the business sender has requested that a previously instructed payment (with UETR: “e008b023-59c5-41e9-be4c-d45102fc201e”) should be revoked, despite already having settled, for the reason “CUST” (Requested by Debtor).

To ensure the correct payment is identified, the cancellation includes several data from the original pacs.008 message: the BAH-BizMsgId, the End-to-End-Id, the payment amount (EUR74000) and the settlement date (2019-10-06).

The message was created and sent on 7th October at 10:12 (the day after the payment settled).

Message item	Utilisation
Assignment	
Identification /Document/FIToFIPmtCxlReq/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgnr/Agt/FinInstnId/BICFI	SOLADESTXXX
Assignee Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgnee/Agt/FinInstnId/BICFI	COBADEFFXXX
Creation Date Time /Document/FIToFIPmtCxlReq/Assgnmt/CreDtTm	2019-10-07T10:12:00+00:00
Underlying	
Original Message ID /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlGrpInf/OrgnlMsgId	Inp008b023-BAHId
Original Message Name Identification /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlGrpInf/OrgnlMsgNmId	pacs.008.001.08
Original End to End Identification	Inp008b023-E2EId

/Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlEndToEndId	
Original UETR /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlUETR	e008b023-59c5-41e9-be4c-d45102fc201e
Original Clearing System Reference /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlClrSysRef	RTGS-p008b023
Original Interbank Settlement Amount /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmAmt	EUR 74000
Original Interbank Settlement Date /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmDt	2019-10-06
Cancellation Reason Information BIC /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/Orgtr/Id/Orgld/AnyBIC	SOLADESTXXX
Reason Code /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/Rsn/Cd	CUST

Table xxx - FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request – Successful return – Inbound (Scenario 023)

Usage case example: Inbound_camt.056_RTGS_PaymentCancellationRequest_bs023.xml

In this example, RTGS is forwarding a previous received inbound camt.056 (cancellation request) to the next business receiver in the payment chain. The message content is passed forward unchanged from its inbound state.

Message item	Utilisation
Assignment	
Identification /Document/FIToFIPmtCxlReq/Assgnmt/Id	NONREF
Assigner Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgnr/Agt/FinInstnId/BICFI	SOLADESTXXX
Assignee Agent BIC /Document/FIToFIPmtCxlReq/Assgnmt/Assgne/Agt/FinInstnId/BICFI	COBADEFFXXX
Creation Date Time /Document/FIToFIPmtCxlReq/Assgnmt/CreDtTm	2019-10-07T10:12:00+00:00

Underlying	
Original Message ID /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlGrpInf/OrgnlMsgId	Inp008b023-BAHId
Original Message Name Identification /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlGrpInf/OrgnlMsgNmId	pacs.008.001.08
Original End to End Identification /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlEndToEndId	Inp008b023-E2EId
Original UETR /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlUETR	e008b023-59c5-41e9-be4c-d45102fc201e
Original Clearing System Reference /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlClrSysRef	RTGS-p008b023
Original Interbank Settlement Amount /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmAmt	EUR 74000
Original Interbank Settlement Date /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/OrgnlIntrBkSttlmDt	2019-10-06
Cancellation Reason Information BIC /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/Orgtr/Id/Orgld/AnyBIC	SOLADESTXXX
Reason Code /Document/FIToFIPmtCxlReq/Undrlyg/TxInf/CxlRsnInf/Rsn/Cd	CUST

Table xxx - FIToFIPaymentCancellationRequest (camt.056) – usage case Payment Order Revocation Request – Successful return – Outbound (Scenario 023)

Usage case example: Outbound_camt.056_RTGS_PaymentCancellationRequest_bs023.xml

Additional text at example bs027

The message was created and sent on 7th October at 12:00. Therefore it is expected that the payment (sent at 10:00 on 7th October) has already settled.

290 EUROSISTEM UPDATE [JIRA CSLD-651]: page –541ff (RTGS UDFS-chapter 12.3.1.3 head.001 – The message in business context

Change at table 275 – page 541

Message item	Utilisation
From	
[...]	
Clearing System Member Identification /Document/AppHdr/Fr/FIId/FinInstnId/Clr SysMmbld/Mmbld	Member identification is not used by RTGS. On an inbound message it will be ignored. On an outbound message it will not filled by RTGS. 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..
[...]	
Header Details	
[...]	
Signature /Document/AppHdr/Sgntr	Certificate which identifies the business sending user <u>in combination with the Clearing system member identification</u> for single messages. Note: Either the digital signature is part of the BFH (in case of multi messages) or it is part of the BAH in case of a single message.
[...]	

291 EUROSISTEM UPDATE [JIRA CSLD-651]: page 549ff (RTGS UDFS-chapter 12.3.2.3 head.002 – The message in business context

Change at table 282 – page 549

Message item	Utilisation
From	
[...]	

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 <u>for a privilege check</u> . System user should be present on BAH level in the case of a single message or in the case of multiple messages within the BFH. The provision of the system user reference is mandatory for inbound BFH <u>and replaces the use of Clearing system member identification at BAH level</u> . <u>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.</u>
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 <u>on BAH-level</u> within the single message, <u>the BFH signature will be used and the BAH signature it will be ignored.</u>
[...]	

292 EUROSISTEM UPDATE [JIRA CSLD-639]: page 553ff (RTGS UDFS-chapter 12.4.1.3 pacs.002 – The message in business context

New example bs023

Usage case: Payment Order Acceptance Notification – Successful return (Scenario 023)

In this example, RTGS is advising the business sender of a previous pacs.008 message that has been settled by RTGS. The RTGS system reference and settlement time are also given.

The previous pacs.008 can be identified using the pacs.008 BAH BizMsgId and the business sender's references of Instruction Id and UETR which are also supplied on the pacs.002.

Message item	Utilisation
Group Header	
Message ID /Document/FIToFIPmtStsRpt/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FIToFIPmtStsRpt/GrpHdr/CreDtTm	2019-10-06T09:39:00+00:00

Transaction Information and Status	
Original message ID /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlGrpInf/OrgnlMsgId	Inp008b023-BAHId
Original Message Name Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlGrpInf/OrgnlMsgNmId	pacs.008.001.08
Original Instruction Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlInstrId	Inp008b023-InsId
Original End To End Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlEndToEndId	Inp008b023-E2EId
Original UETR /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlUETR	e008b023-59c5-41e9-be4c-d45102fc201e
Transaction Status /Document/FIToFIPmtStsRpt/TxInfAndSts/TxSts	ACSC
Effective Interbank Settlement Date /Document/FIToFIPmtStsRpt/TxInfAndSts/FctvIntrBkSttlmDt/DtTm	2019-10-06T09:38:50.001+00:00
Clearing System Reference /Document/FIToFIPmtStsRpt/TxInfAndSts/ClrSysRef	RTGS-p008b023

Table xxx - PaymentStatusReport (pacs.002) Acceptance Notification – usage case successful return (Scenario 023)

Usage case example: pacs.002_RTGS_FIPaymentStatusReport_ACSC-payment_bs023.xml

In this example, RTGS is advising the business sender of a previous pacs.004 message that has been settled by RTGS. The RTGS system reference and settlement time are also given.

The previous pacs.004 can be identified using the pacs.004 BAH BizMsgId and the business sender's references of Instruction Id and UETR which are also supplied on the pacs.002.

Message item	Utilisation
Group Header	
Message ID	NONREF

/Document/FIToFIPmtStsRpt/GrpHdr/MsgId	
Creation Date Time /Document/FIToFIPmtStsRpt/GrpHdr/CreDtTm	2019-10-07T16:56:00+00:00
Transaction Information and Status	
Original message ID /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlGrpInf/OrgnlMsgId	Inp004b023-BAHId
Original Message Name Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlGrpInf/OrgnlMsgNmId	pacs.004.001.09
Original Instruction Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlInstrId	Inp008b023-InsId
Original End To End Identification /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlEndToEndId	Inp008b023-E2EId
Original UETR /Document/FIToFIPmtStsRpt/TxInfAndSts/OrgnlUETR	e008b023-59c5-41e9-be4c-d45102fc201e
Transaction Status /Document/FIToFIPmtStsRpt/TxInfAndSts/TxSts	ACSC
Effective Interbank Settlement Date /Document/FIToFIPmtStsRpt/TxInfAndSts/FctvIntrBkSttlmDt/DtTm	2019-10-07T16:55:00.001+00:00
Clearing System Reference /Document/FIToFIPmtStsRpt/TxInfAndSts/ClrSysRef	RTGS-p004b023

Table xxx - PaymentStatusReport (pacs.002) PaymentReturn Acceptance Notification – usage case successful return (Scenario 023)

Usage case example: pacs.002_RTGS_FIPaymentStatusReport_ACSC-return_bs023.xml

293 EUROSISTEM UPDATE [JIRA CSLD-500 / 515 / 639]: page 564ff (RTGS UDFS-chapter 12.4.2.3 pacs.004 – The message in business context

Message item	Utilisation
Transaction Information	

[...]	
<p>Original Interbank Settlement Date</p> <p>/Document/PmtRtr/TxInf/OrgnlIntrBkSttlmDt</p>	<p>To be filled with the InterbankSettlementDate from the original payment</p> <p>It is forwarded <u>within</u> in the outbound message.</p>
<p>Interbank Settlement Date</p> <p>/Document/PmtRtr/TxInf/IntrBkSttlmDt</p>	<p>Date relevant for settlement in RTGS</p> <p>A payment order can be sent for the current business day or for a day in the future. The maximum number of days in the future is defined by an RTGS parameter. If the settlement date is not an RTGS business day the payment order will be rejected immediately.</p> <p><u>In normal processing, RTGS only accepts the current business date, or a future business date as allowed by the RTGS future date parameter.</u></p> <p><u>If the settlement date is not an RTGS business day for the indicated currency the payment order will be rejected immediately.</u></p> <p><u>In exceptional situations, RTGS accepts a business date in the past (CB to deactivate the settlement date validation for the instructing RTGS Account Holder) and does not check if the date in the past was an RTGS business day for the indicated currency.</u></p>
<p>Returned Instructed Amount</p> <p>/Document/PmtRtr/TxInf/RtrdInstdAmt</p>	<p><u>To be filled with the InstructedAmount from the original payment. It is forwarded within the outbound message.</u> If provided it is ignored by RTGS and forwarded within the outbound message</p>
[...]	

Change of text and new scenario 023

Usage case: Payment Return Order (Scenario 023) - Inbound

In this usage example, the business sender has requested that EUR 74,000 be returned from an original payment of EUR 74,000, which was instructed using a pacs.008 and settled on 6 October. The expectation is that this return will be settled, with the subsequent forwarding of the pacs.004 to the next business receiver in the payment chain and a pacs.002 status report to the sender of the pacs.004.

~~There will be no pacs.002 (confirmation), because the sender of the pacs.004 has not subscribed.~~

~~There will be no camt.054 (credit notification for the owner of the credited account), because this is the party to whom the pacs.004 is forwarded.~~

~~There will be no entry on the camt.053 example, because it only includes movements from the 8 October.~~

Change at table 293 – page 569

Message item	Utilisation
Transaction Information	
[...]	
Returned Interbank Settlement Amount /Document/PmtRtr/TxInf/RtrdIntrBkSttlmAmt	EUR 74000
Instructing Agent BIC /Document/PmtRtr/TxInf/InstgAgt/FinInstnId/BICFI	<u>COBADEFFXXX</u>
Instructed Agent BIC /Document/PmtRtr/TxInf/InstdAgt/FinInstnId/BICFI	<u>SOLADESTXXX</u>
[...]	
Return Chain	
Ultimate Debtor Name /Document/PmtRtr/TxInf/RtrChain/UlmtDbtr/Pty/Nm	Ultimate debtor name
Ultimate Debtor BIC /Document/PmtRtr/TxInf/RtrChain/UlmtDbtr/Pty/Id/OrgId/AnyBIC	ULTMDBTRBIC <u>BSCARBASSS</u>
Debtor Name /Document/PmtRtr/TxInf/RtrChain/Dbtr/Pty/Nm	<u>Original creditor name</u> Debtor name
Debtor BIC /Document/PmtRtr/TxInf/RtrChain/Dbtr/Pty/Id/OrgId/AnyBIC	DEBTORXXXBIC <u>BSCARBAXXX</u>

<u>Debtor Agent BIC</u> /Document/PmtRtr/TxInf/RtrChain/DbtrAgt/FinInstnId/BICFI	<u>COBADEFF075</u>
<u>Creditor Agent BIC</u> /Document/PmtRtr/TxInf/RtrChain/DbtrAgt/FinInstnId/BICFI	<u>SOLADEST600</u>
<u>Creditor Name</u> /Document/PmtRtr/TxInf/RtrChain/Cdtr/Pty/Nm	<u>Original debtor name</u> <u>Creditor name</u>
<u>Creditor BIC</u> /Document/PmtRtr/TxInf/RtrChain/Cdtr/Pty/Id/OrgId/AnyBIC	<u>CREDITORBICINGBBRSPXXX</u>
<u>Ultimate Creditor Name</u> /Document/PmtRtr/TxInf/RtrChain/UltmtCdtr/Pty/Nm	<u>Ultimate creditor name</u>
<u>Ultimate Creditor BIC</u> /Document/PmtRtr/TxInf/RtrChain/UltmtCdtr/Pty/Id/OrgId/AnyBIC	<u>ULTMCDTRBICINGBBRSPATA</u>

Table 20 - PaymentReturn (pacs.004) – usage case ~~Payment Return Order~~ Successful return – Inbound (Scenario 023)

Replace complete table 294 - page –570

Usage case: Payment Return (Scenario 023) - Outbound

In this example, RTGS is forwarding a pacs.004 message to the next business receiver in the payment chain, following successful settlement.

The outbound pacs.004 is a duplicate of the previous inbound pacs.004, with the addition of an RTGS settlement reference (“RTGS-p004b023”) and the actual settlement time in RTGS (“2019-10-07T16:55:00.001+00:00”).

Message item	Utilisation
Group Header	
Message ID /Document/PmtRtr/GrpHdr/MsgId	NONREF
Creation Date Time /Document/PmtRtr/GrpHdr/CreDtTm	2019-10-07T16:51:00+00:00
Number Of Transactions /Document/PmtRtr/GrpHdr/NoOfTx	1

Settlement Method /Document/PmtRtr/GrpHdr/SttlmInf/SttlmMtd	CLRG
Clearing System Code /Document/PmtRtr/GrpHdr/SttlmInf/ClrSys/Cd	TGT
Transaction Information	
Original message ID /Document/PmtRtr/TxInf/OrgnlGrpInf/OrgnlMsgId	Inp008b023-BAHId
Original Message Name Identification /Document/PmtRtr/TxInf/OrgnlGrpInf/OrgnlMsgNmId	pacs.008.001.08
Original Instruction Identification /Document/PmtRtr/TxInf/OrgnlInstrId	Inp008b023-InsId
Original End To End Identification /Document/PmtRtr/TxInf/OrgnlEndToEndId	Inp008b023-E2EId
Original UETR /Document/PmtRtr/TxInf/OrgnlUETR	e008b023-59c5-41e9-be4c-d45102fc201e
Original Interbank Settlement Amount /Document/PmtRtr/TxInf/OrgnlIntrBkSttlmAmt	EUR 74000
Original Interbank Settlement Date /Document/PmtRtr/TxInf/OrgnlIntrBkSttlmDt	2019-10-06
Returned Interbank Settlement Amount /Document/PmtRtr/TxInf/RtrdIntrBkSttlmAmt	EUR 74000
Interbank Settlement Date /Document/PmtRtr/TxInf/IntrBkSttlmDt	2019-10-07
Settlement Time Indication /Document/PmtRtr/TxInf/SttlmTmIndctn/CdtDtTm	2019-10-07T16:55:00.001+00:00
Clearing System Reference /Document/PmtRtr/TxInf/ClrSysRef	RTGS-e004b023

Instructing Agent BIC /Document/PmtRtr/TxInf/InstgAgt/FinInstnId/BICFI	COBADEFFXXX
Instructed Agent BIC /Document/PmtRtr/TxInf/InstgAgt/FinInstnId/BICFI	SOLADESTXXX
Return Chain	
Debtor Name /Document/PmtRtr/TxInf/RtrChain/Dbtr/Pty/Nm	Original creditor name
Debtor Agent BIC /Document/PmtRtr/TxInf/RtrChain/DbtrAgt/FinInstnId/BICFI	COBADEFF075
Creditor Agent BIC /Document/PmtRtr/TxInf/RtrChain/DbtrAgt/FinInstnId/BICFI	SOLADEST600
Creditor Name /Document/PmtRtr/TxInf/RtrChain/Cdtr/Pty/Nm	Original debtor name
Return Reason Information/Document/PmtRtr/TxInf/RtrRsnInf/Rsn/Cd	CUST

Table 21 - PaymentReturn (pacs.004) – usage case Successful return – outbound (Scenario 023)

Usage case example: Outbound_pacs.004_RTGS_PaymentReturn_bs023.xml

294 EUROSISTEM UPDATE [JIRA CSLD-515 / 616 / 639 / 500 /670]: page 575 (RTGS UDFS- chapter 12.4.3.3 pacs.008 – The message in business context

Change at table 295 – page 575

Message item	Utilisation
Payment Type Information	
[...]	
Interbank Settlement Date /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmDt	Date relevant for settlement in RTGS A payment order can be sent for the current business day or for a day in the future. The maximum number of days in the future is defined by an RTGS

	<p>parameter. If the settlement date is not an RTGS business day the payment order will be rejected immediately.</p> <p><u>In normal processing, RTGS only accepts the current business date, or a future business date as allowed by the RTGS future date parameter.</u></p> <p><u>If the settlement date is not an RTGS business day for the indicated currency the payment order will be rejected immediately.</u></p> <p><u>In exceptional situations, RTGS accepts a business date in the past (CB to deactivate the settlement date validation for the instructing RTGS Account Holder) and does not check if the date in the past was an RTGS business day for the indicated currency.</u></p>
[...]	
Transaction Information	
[...]	
Creditor Account (Block) /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAcct	It is ignored by RTGS and forwarded within the outbound message. <u>If provided it must be valid, but it is not used by RTGS and forwarded within the outbound message</u>
Instruction For Creditor Agent (Block) /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstrForCdtrAgt	It is ignored by RTGS and forwarded within the outbound message. <u>If provided it must be valid, but it is not used by RTGS and forwarded within the outbound message</u>
[...]	

New tables scenario XXX - page

Usage case: Customer Credit Transfer – Successful return (Scenario 023)

In this example, the business sender has requested the payment of EUR74000 from an RTGS account (with BIC “SOLADESTXXX”) to an RTGS account (with BIC “COBADEFFXXX”). The message was created and sent on 06th October 2019 for same day settlement.

The expectation is that this payment will be settled, with the subsequent forwarding of the pacs.008 to the next business receiver in the payment chain and a pacs.002 status report to the sender of the pacs.008.

Message item	Utilisation
Group Header	
Message ID /Document/FIToFICstmrCdtTrf/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FIToFICstmrCdtTrf/GrpHdr/CreDtTm	2019-10-06T09:38:00+00:00
Number Of Transactions /Document/FIToFICstmrCdtTrf/GrpHdr/NoOfTx	1
Settlement Method /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/SttlmMtd	CLRG
Clearing System Code /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/ClrSys/Cd	TGT
Credit Transfer Transaction Information	
Instruction Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/InstrId	Inp008b023-InsId
End To End Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/EndToEndId	Inp008b023-E2EId
UETR /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/UETR	e008b023-59c5-41e9-be4c-d45102fc201e
Interbank Settlement Amount	EUR 74000

Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmAmt	
Interbank Settlement Date Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmDt	2019-10-06
Charge bearer /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgBr	DEBT
Instructing Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BICFI	SOLADESTXXX
Instructed Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BICFI	COBADEFFXXX
Debtor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr/Nm	Debtor name
Debtor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAcct/Id/IBAN	DE88600500000000012345
Debtor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAgt/FinInstnId/BICFI	SOLADEST600
Creditor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI	COBADEFF075
Creditor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Cdtr/Nm	Creditor name
Creditor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAcct/Id/IBAN	DE89370400440532013000

Table xxx - CustomerCreditTransfer (pacs.008) – usage case Successful return - Inbound (Scenario 023)

Usage case example: Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs023.xml

In this example, RTGS is forwarding a pacs.008 message to the next business receiver in the payment chain, following successful settlement.

The outbound pacs.008 is a duplicate of the previous inbound pacs.008, with the addition of an RTGS settlement reference ("RTGS-p008b023") and the actual settlement time in RTGS ("2019-10-06T09:38:50.001+00:00").

Message item	Utilisation
Group Header	
Message ID /Document/FIToFICstmrCdtTrf/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FIToFICstmrCdtTrf/GrpHdr/CreDtTm	2019-10-06T09:38:00+00:00
Number Of Transactions /Document/FIToFICstmrCdtTrf/GrpHdr/NoOfTxs	1
Settlement Method /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/SttlmMtd	CLRG
Clearing System Code /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/ClrSys/Cd	TGT
Credit Transfer Transaction Information	
Instruction Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/InstrId	Inp008b023-InsId
End To End Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/EndToEndId	Inp008b023-E2EId
UETR /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/UETR	e008b023-59c5-41e9-be4c-d45102fc201e
Clearing System Reference /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/ClrSysRef	RTGS-p008b023
Interbank Settlement Amount Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmAmt	EUR 74000
Interbank Settlement Date Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmDt	2019-10-06
Settlement Time Indication /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/SttlmTmIndctn/CdtDtTm	2019-10-06T09:38:50.001+00:00

Charge bearer /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgBr	DEBT
Instructing Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BICFI	SOLADESTXXX
Instructed Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BICFI	COBADEFFXXX
Debtor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr/Nm	Debtor name
Debtor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAcct/Id/IBAN	DE88600500000000012345
Debtor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAgt/FinInstnId/BICFI	SOLADEST600
Creditor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI	COBADEFF075
Creditor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Cdtr/Nm	Creditor name
Creditor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAcct/Id/IBAN	DE89370400440532013000

Table xxx - CustomerCreditTransfer (pacs.008) – usage case Successful return - Outbound (Scenario 023)

Usage case example: Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs023.xml

New tables scenario XXX - page

Usage case: Customer Credit Transfer settlement including indirect participants (Scenario 075)

In this example, the business sender has requested the payment of EUR47250 from an RTGS account (with BIC “COBADEFFXXX”) to an RTGS account (with BIC “SYBKDE22HAM”) to be settled the following day 10th October, 2019. Indirect participant on the debtor side is “COBADEFF075”, and on the creditor side “SYBKDEK22CHP”.

The expectation is that this payment will be settled, with the subsequent forwarding of the pacs.008 to the next business receiver in the payment chain.

Message item	Utilisation
Group Header	
Message ID /Document/FIToFICstmrCdtTrf/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FIToFICstmrCdtTrf/GrpHdr/CreDtTm	2019-10-10T13:50:00+00:00
Number Of Transactions /Document/FIToFICstmrCdtTrf/GrpHdr/NoOfTx	1
Settlement Method /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/SttlmMtd	CLRG
Clearing System Code /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/ClrSys/Cd	TGT
Credit Transfer Transaction Information	
Instruction Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/InstrId	Inp008b075-InsId
End To End Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/EndToEndId	Inp008b075-E2EId
UETR /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/UETR	e008b075-59c5-41e9-be4c-d45102fc201e
Interbank Settlement Amount Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmAmt	EUR 47250
Interbank Settlement Date Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmDt	2019-10-10
Charge bearer /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgBr	DEBT
Instructing Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BICFI	COBADEFFXXX

Instructed Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BICFI	SYBKDE22HAM
Debtor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr/Nm	Debtor name
Debtor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAcct/Id/IBAN	DE89370400440532013000
Debtor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAgt/FinInstnId/BICFI	COBADEFF075
Creditor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI	SYBKDK22CPH
Creditor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Cdtr/Nm	Creditor name
Creditor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAcct/Id/IBAN	DK9520000123456789

Table xxx - CustomerCreditTransfer (pacs.008) – usage case usage case settlement including indirect participants – Inbound (Scenario 075)

Usage case example: Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs075.xml

In this example, RTGS is forwarding a pacs.008 message to the next business receiver in the payment chain, following successful settlement.

The outbound pacs.008 is a duplicate of the previous inbound pacs.008, with the addition of an RTGS settlement reference (“RTGS-p008b075”) and the actual settlement time in RTGS (“2019-10-10T13:50:20.001”).

Message item	Utilisation
Group Header	
Message ID /Document/FIToFICstmrCdtTrf/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FIToFICstmrCdtTrf/GrpHdr/CreDtTm	2019-10-10T13:50:00+00:00

Number Of Transactions /Document/FIToFICstmrCdtTrf/GrpHdr/NoOfTx	1
Settlement Method /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/SttlmMtd	CLRG
Clearing System Code /Document/FIToFICstmrCdtTrf/GrpHdr/SttlmInf/ClrSys/Cd	TGT
Credit Transfer Transaction Information	
Instruction Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/InstrId	Inp008b075-InsId
End To End Identification /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/EndToEndId	Inp008b075-E2EId
UETR /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/UETR	e008b075-59c5-41e9-be4c-d45102fc201e
Clearing System Reference /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/PmtId/ClrSysRef	RTGS-p008b075
Interbank Settlement Amount Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmAmt	EUR 47250
Interbank Settlement Date Document/FIToFICstmrCdtTrf/CdtTrfTxInf/IntrBkSttlmDt	2019-10-10
Settlement Time Indication /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/SttlmTmIndctn/CdtDtTm	2019-10-10T13:50:20.001+00:00
Charge bearer /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/ChrgBr	DEBT
Instructing Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BICFI	COBADEFFXXX
Instructed Agent BIC /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BICFI	SYBKDE22HAM

Debtor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Dbtr/Nm	Debtor name
Debtor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAcct/Id/IBAN	DE89370400440532013000
Debtor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/DbtrAgt/FinInstnId/BICFI	COBADEFF075
Creditor Agent /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI	SYBKDK22CPH
Creditor Name /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/Cdtr/Nm	Creditor name
Creditor Account IBAN /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/CdtrAcct/Id/IBAN	DK9520000123456789

Table xxx - CustomerCreditTransfer (pacs.008) – usage case usage case settlement including indirect participants – Outbound (Scenario 075)

Usage case example: Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs075.xml

295 EUROSISTEM UPDATE [JIRA CSLD-515 / 670 / internal review]: page –590ff (RTGS UDFS-chapter 12.4.4.3 pacs.009 – The message in business context

Change at table 301 – page 595

Message item	Utilisation
Payment Type Information	
[...]	
Interbank Settlement Date /Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmDt	Date relevant for settlement in RTGS A payment order can be sent for the current business day or for a day in the future. The maximum number of days in the future is defined by an RTGS parameter. If the settlement date is not an RTGS business day the payment order will be rejected immediately.

	<p><u>In normal processing, RTGS only accepts the current business date, or a future business date as allowed by the RTGS future date parameter.</u></p> <p><u>If the settlement date is not an RTGS business day for the indicated currency the payment order will be rejected immediately.</u></p> <p><u>In exceptional situations, RTGS accepts a business date in the past (CB to deactivate the settlement date validation for the instructing RTGS Account Holder) and does not check if the date in the past was an RTGS business day for the indicated currency.</u></p>
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Correcting of text at scenario 027

~~In this usage example, RTGS is forwarding the inbound pacs.009 to the next business receiver in the payment chain, following successful settlement. RTGS has added the RTGS internal reference and settlement date/time for the payment to the message content, which is otherwise unchanged.~~
In this example, RTGS is forwarding a pacs.009 message to the next business receiver in the payment chain, following successful settlement.

The outbound pacs.009 is a duplicate of the previous inbound pacs.009, with the addition of an RTGS settlement reference ("RTGS-p009b027") and the actual settlement time in RTGS ("2019-10-07T10:00:00").

New tables scenario XXX - page

Usage case: Financial Institution Credit Transfer Order settlement including indirect participants (Scenario 076)

In this example, the business sender has requested a payment of EUR63800 from an RTGS account (with BIC "COBADEFFXXX") to an RTGS account (with BIC "SYBKDE22HAM") for same day settlement. This is to take place on the same day as the message was created and sent on 10th October, 2019. Indirect participant on the debtor side is "COBADEFF075", and on the creditor side "SYBKDEK22CHP".

The expectation is that this payment will be settled, with the subsequent forwarding of the pacs.009 to the next business receiver in the payment chain.

Message item	Utilisation
Group Header	
Message ID /Document/FICdtTrf/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FICdtTrf/GrpHdr/CreDtTm	2019-10-10T13:50:00+00:00
Number Of Transactions /Document/FICdtTrf/GrpHdr/NoOfTx	1
Settlement Method /Document/FICdtTrf/GrpHdr/SttlmInf/SttlmMtd	CLRG
Clearing System Code /Document/FICdtTrf/GrpHdr/SttlmInf/ClrSys/Cd	TGT
Credit Transfer Transaction Information	
Instruction Identification /Document/FICdtTrf/CdtTrfTxInf/PmtId/InstrId	Inp009b076-InsId
End To End Identification /Document/FICdtTrf/CdtTrfTxInf/PmtId/EndToEndId	Inp008b076-E2EId
UETR /Document/FICdtTrf/CdtTrfTxInf/PmtId/UETR	e008b076-59c5-41e9-be4c-d45102fc201e
Interbank Settlement Amount /Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmAmt	EUR 63800.00
Interbank Settlement Date /Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmDt	2019-10-10
Instructing Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BICFI	COBADEFFXXX
Instructed Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BICFI	SYBKDE22HAM

Debtor BIC /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/BICFI	COBADEFF075
Debtor Agent BIC /Document/FICdtTrf/CdtTrfTxInf/DbtrAgt/FinInstnId/BICFI	COBADEFF075
Creditor Agent BIC /Document/FICdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI	SYBKDK22CPH
Creditor BIC /Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/BICFI	SYBKDK22CPH

Table xxx - FinancialInstitutionCreditTransfer (pacs.009) – usage case settlement including indirect participants – Inbound (Scenario 076)

Usage case example: Inbound_pacs.009_RTGS_FICreditTransferOrder_bs076.xml

In this example, RTGS is forwarding the inbound pacs.009 to the next business receiver in the payment chain, following successful settlement.

RTGS has added the RTGS internal reference and settlement date/time for the payment to the message content, which is otherwise unchanged.

Message item	Utilisation
Group Header	
Message ID /Document/FICdtTrf/GrpHdr/MsgId	NONREF
Creation Date Time /Document/FICdtTrf/GrpHdr/CreDtTm	2019-10-10T13:50:00+00:00
Number Of Transactions /Document/FICdtTrf/GrpHdr/NoOfTx	1
Settlement Method /Document/FICdtTrf/GrpHdr/SttlmInf/SttlmMtd	CLRG
Clearing System Code	TGT

/Document/FICdtTrf/GrpHdr/SttlmInf/ClrSys/Cd	
Credit Transfer Transaction Information	
Instruction Identification /Document/FICdtTrf/CdtTrfTxInf/PmtId/InstrId	Inp009b076-InsId
End To End Identification /Document/FICdtTrf/CdtTrfTxInf/PmtId/EndToEndId	Inp008b076-E2EId
UETR /Document/FICdtTrf/CdtTrfTxInf/PmtId/UETR	e008b076-59c5-41e9-be4c-d45102fc201e
Clearing System Reference /Document/FICdtTrf/CdtTrfTxInf/PmtId/ClrSysRef	RTGS-p009b076
Interbank Settlement Amount /Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmAmt	EUR 63800.00
Interbank Settlement Date /Document/FICdtTrf/CdtTrfTxInf/IntrBkSttlmDt	2019-10-10
Settlement Time Indication /Document/FICdtTrf/CdtTrfTxInf/SttlmTmIndctn/CdtDtTm	2019-10-10T13:50:20.001+00:00
Instructing Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstgAgt/FinInstnId/BICFI	COBADEFFXXX
Instructed Agent BIC /Document/FICdtTrf/CdtTrfTxInf/InstdAgt/FinInstnId/BICFI	SYBKDE22HAM
Debtor BIC /Document/FICdtTrf/CdtTrfTxInf/Dbtr/FinInstnId/BICFI	COBADEFF075
Debtor Agent BIC /Document/FICdtTrf/CdtTrfTxInf/DbtrAgt/FinInstnId/BICFI	COBADEFF075
Creditor Agent BIC /Document/FICdtTrf/CdtTrfTxInf/CdtrAgt/FinInstnId/BICFI	SYBKDK22CPH
Creditor BIC	SYBKDK22CPH

/Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/BICFI
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Table xxx - FinancialInstitutionCreditTransfer (pacs.009) – usage case settlement including indirect participants – Outbound (Scenario 076)

Usage case example: Outbound_pacs.009_RTGS_FICreditTransfer_bs076.xml

Change of text for new scenario 561 and change in table XX - page

[...] The Debtor fields represent the AS payment bank, the Creditor fields represent the settlement bank at the AS.

Message item	Utilisation
Credit Transfer Transaction Information	
[...]	
Creditor /Document/FICdtTrf/CdtTrfTxInf/Cdtr/FinInstnId/BICFI	COBADEFFXXXMARKDEFFCLC

296 EUROSISTEM UPDATE [JIRA CSLD-515]: page 609 (RTGS UDFS-chapter 12.4.5.3 pacs.010 – The message in business context

Change at table 309 – page 609

Message item	Utilisation
Direct Debit Transaction Information	
[...]	
Category Purpose (Block) /Document/FIDrctDbt/CdtInstr/DrcDtTxInf/PmtTpInf/CtgyPurp	If provided it is ignored by RTGS and forwarded within the outbound message
Interbank Settlement Date /Document/FIDrctDbt/CdtInstr/DrcDtTxInf/IntrBkSttlmDt	Date relevant for settlement in RTGS A payment order can be sent for the current business day or for a day in the future. The maximum number of days in the future is defined by an RTGS parameter. If the settlement date is not an RTGS business day the payment order will

	<p>be rejected immediately.</p> <p><u>In normal processing, RTGS only accepts the current business date, or a future business date as allowed by the RTGS future date parameter.</u></p> <p><u>If the settlement date is not an RTGS business day for the indicated currency the payment order will be rejected immediately.</u></p> <p><u>In exceptional situations, RTGS accepts a business date in the past (CB to deactivate the settlement date validation for the instructing RTGS Account Holder) and does not check if the date in the past was an RTGS business day for the indicated currency.</u></p>
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297 EUROSISTEM UPDATE [JIRA CSLD-612]: page 462 (RTGS UDFS-chapter 12.2.12.3 camt.021 – The message in business context

Change at table XXX – page

Message item	Utilisation
[...]	
General Business Qualifier /Document/RtrGnlBizInf/RptOrErr/BizRpt/GnlBizOrErr/GnlBiz/ Qlfr/IsFrmt	Mandatory when the AS is the business sender. In this case the only possible value is "true". "true" when RTGS is the business sender.
General Business Subject /Document/RtrGnlBizInf/RptOrErr/BizRpt/GnlBizOrErr/GnlBiz/ Sbj	OVN-PROC-OPEN
[...]	

298 EUROSISTEM UPDATE [internal review]: page 620 (RTGS UDFS-chapter 12.5.1.3 pain.998 ASTN – The message in business context

Change table XXX

Message item	Utilisation
[...]	
<u>Debtor</u> /Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/Dbtr	<u>Party which owes an amount of money to a creditor.</u>
Debtor name /Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/Dbtr/Nm	<p>This element is populated from the relevant element of the order (if presented in the order).</p> <p>If payment scheme code is "SOR" or "CUO", this field is not used.</p> <p>If payment scheme codes is "CDS", this field is populated from the CreditorName field of the order (if present on the order).</p>
Debtor BIC /Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/Dbtr/Fl/BIC	<p>This element is populated from the relevant element of the order (if presented in the order).</p> <p>If payment scheme code is "SOR", this field is populated with the beneficiary BIC defined on the standing order.</p> <p>If payment scheme code is "CDS" or "CUO", this field is populated from the Creditor BIC field of the order (if present on the order).</p>
[...]	
<u>Creditor</u> /Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/PmtTx/Cdtr	<u>Party which receives an amount of money from a debtor.</u>
Creditor name	This element is populated

/Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/PmtTx/Cdtr/Nm	<p>from the relevant element of the order (if presented in the order).</p> <p>If payment scheme code is "SOR" or "CUO", this field is not used.</p> <p>If payment scheme codes is "CDS", this field is populated from the CreditorName field of the order (if present on the order).</p>
<p>Creditor BIC</p> <p>/Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/PmtTx/Cdtr/Fl/BIC</p>	<p>This element is populated from the relevant element of the order (if presented in the order).</p> <p>If payment scheme code is "SOR", this field is populated with the beneficiary BIC defined on the standing order.</p> <p>If payment scheme code is "CDS" or "CUO", this field is populated from the Creditor BIC field of the order (if present on the order).</p>
[...]	

Change table XXX – page

Message item	Utilisation
[...]	
Payment Transaction	
<p><u>Creditor BIC</u></p> <p>/Document/pain.998.001.01/PrtryData/T2PrtryData/PmtInf/PmtTx/Cdtr/Fl/BIC</p>	<u>COBADEFFXXX</u>
[...]	

299 EUROSYSYSTEM UPDATE [internal review / JIRA 528]: page –622ff (RTGS UDFS-chapter 12.5.2.3 pain.998 ASIS – The message in business context

Table XXX

Message item	Utilisation
General Information	
[...]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlGrp RefInfAndSts/StsRsn/BilyAgrd	<p>When <GrpSts> contains "INVL", the group status reason may contain:</p> <p>For further details refer to chapter "Index of validation rules and error codes".</p> <p>When <GrpSts> contains "REVR", or "RJCT" or "RJDA", the group status reason may contain:</p> <ul style="list-style-type: none"> I EXAS = Ancillary system is blocked; I EXSB = Settlement bank is blocked; I DPNS = AS procedure not started; I GANR = AS decision not to use guarantee mechanism; I GALL = missing liquidity available on guarantee account; I RDIB = missing balance available on the cash account to be debited; I RVOK = The AS batch message has been revoked. I RJSP = end of settlement period time is reached <p>When <GrpSts> contains "PART" or "ACSC", the group status reason is not used.</p>
[...]	
Original Payment Information	
[...]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmt Inf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	<p>When <TxSts> contains "INVL", the AS transfer order status reason may contain:</p> <p>For further details refer to chapter" Index of</p>

	<p>validation rules and error codes".</p> <p>When <TxSts> contains "RJCT" or "RJDA", the AS transfer order status reason may contain:</p> <ul style="list-style-type: none"> EXSB = Settlement bank is blocked; RVOK = The AS transfer order has been revoked; RJSP = End of settlement period time has reached; DPNS = Procedure not started; RDIB = Lack of balance available on the account to be debited; GENE = Generic error. <p>When <TxSts> contains "ACSC", "COPS" or "REVR", the AS transfer order status reason is not used.</p>
[...]	

Delete of table 364 –usage of Group Status / Status Reason and Transaction Status / Status Reason

Change of text for scenario 502 and change in table XXX - page

In this example, RTGS is informing an ancillary system that an AS Transfer Initiation(pain.998 ASTI) (with BAH-Id: p998b502-BAHId) previously sent by the ancillary system for an AS Procedure A settlement, has been revoked ~~owing to disagreement~~ and will not be processed further.

Change table XXX – page

Message item	Utilisation
[...]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlGrpRefInfAndSts/StsRsn/BilyAgrd	<u>RVOK E067</u>
[...]	

Change of text for scenario 503 and change in table XXX - page

In this example, RTGS is informing an ancillary system that an AS Transfer Initiation (pain.998 ASTI) (with BAH-Id: p998b503-BAHId) previously sent by the ancillary system for an AS Procedure A settlement, has been revoked by the central bank and will not be processed further

Message item	Utilisation
[...]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlGrpRefInfAndSts/StsRsn/BilyAgrd	RBID <u>A083</u>
Transaction Status /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/TxSts	REVR RJCT
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	RVOKA08 <u>3</u>
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	RVOKA08 <u>3</u>
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	RBID <u>A083</u>
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	RVOKA08 <u>3</u>

Change table XXX – page

Message item	Utilisation
[...]	
Status Reason	RJSPA08

/Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	4
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Change table XXX – page 837 -

Message item	Utilisation
[...]	
General Information	
Creation Date Time /Document/pain.998.001.01/PrtryData/T2PrtryData/Gnllnf/CreDtTm	2020-02-07T14:50:01.001+00:00 2019-10-08T15:00:02.001+00:00
Original Payment Information	
[..]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	RJSPA085
[..]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	RBIDA085
[..]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAgrd	RJSPA085
[..]	
Status Reason	RBIDA085

/Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAg rd	
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Change of text for scenario 582 and change in table XXX - page
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[..]

The second movement (InslId: p998b582-InslId2) was revoked by the CB – it has a status/reason of RJCT/A095RVOK.

The third movement (InslId: p998b582-InslId3) failed to reach settlement within the period - it has a status/reason of RJCT/A085RJSP.

[..]

Message item	Utilisation
Original Payment Information	
[..]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAg rd	<u>RVOKA095</u>
[..]	
Status Reason /Document/pain.998.001.01/PrtryData/T2PrtryData/OrgnlPmtInf/OrgnlTxRefInfAndSts/StsRsn/BilyAg rd	<u>RJSPA085</u>
[..]	

300 EUROSISTEM UPDATE [internal review]: page 625 (RTGS UDFS-chapter 12.5.3.3 pain.998 ASTI – The message in business context

Change of tableXXX, scenario 544 -

Message item	Utilisation
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[...]	
Group Header	
Creation Date Time /Document/pain.998.001.01/PrtryData/T2PrtryData/ GrpHdr/CreDtTm	2020-02-07 8 T14:22:00+00:00
Payment Information	
Requested execution date /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/ReqdExctnDt	2020-02-07 8
[..]	
Requested execution date /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/ReqdExctnDt	2020-02-07 8
[..]	
Requested execution date /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/ReqdExctnDt	2020-02-07 8
[..]	
Requested execution date /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/ReqdExctnDt	2020-02-07 8
[..]	
Requested execution date /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/ReqdExctnDt	2020-02-07 8
[..]	
Requested execution date /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/ReqdExctnDt	2020-02-07 8
[..]	
Requested execution date /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/ReqdExctnDt	2020-02-07 8

PmtInf/ReqdExctnDt	
Final agent BIC /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/PmtTx/FnlAgt/BIC	<u>UBSWCHZH80ACOBADDEBB120</u>
Final agent account /Document/pain.998.001.01/PrtryData/T2PrtryData/ PmtInf/PmtTx/FnlAgtAcct/DmstAcct/Id	<u>UDEEURUBSWCHZHXXX16UBSWCHZH80A0001UDEEU</u> <u>RCOBADDEFFXXX16COBADDEBB1200001</u>
[..]	

301 EUROSISTEM UPDATE [internal review]: page 627 (RTGS UDFS-chapter 13.1 Index of validation rules and error codes)

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

Updates of validation rule table please refer to attached excel file on validation rules

302 EUROSISTEM UPDATE [JIRA CSLD-669]: page 627 (RTGS UDFS-chapter 13.1 Index of validation rules and error codes)

Change at page 627 – additional text

Reference for all technical and business validation rules is the UDFS, including the spreadsheet published on the ECB Website. The excel which can be downloaded from MyStandard can help the reader understand the elements of the message on which rules are applied, but it is not the reference in terms of validation rules: it may reference rules which are not implemented by T2. MyStandard (online screens or spreadsheet, which are equivalent) is the reference in term of the format definition: message structure and element multiplicity.

303 EUROSISTEM UPDATE [RealBICs]: page 1014 (RTGS UDFS-chapter 13.2.3 Message type 1: file with multiple ISO 20022 messages)

Replace figure 125 (comprises 4 images) with 4 images below

```
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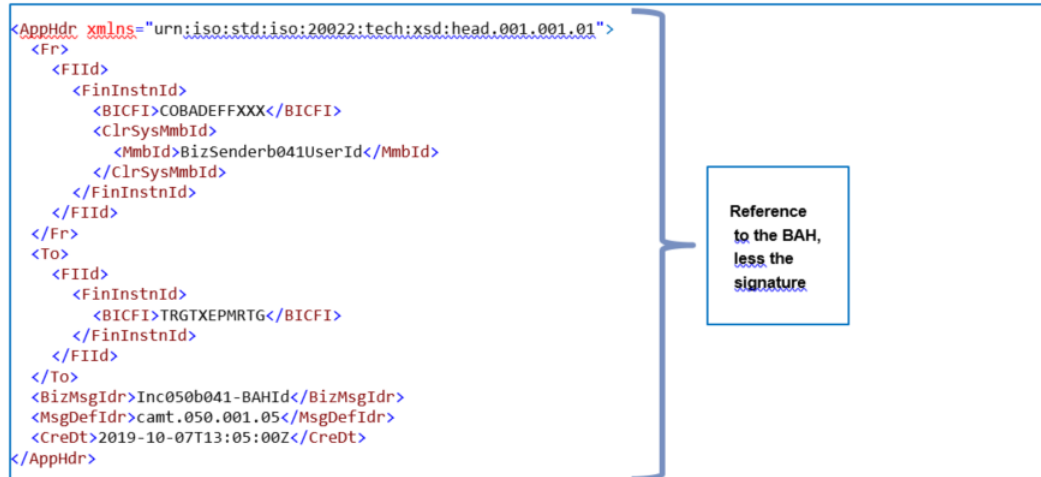
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            <BICFI>TRGTXEPMRTG</BICFI>
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        </FIId>
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      <MsgDefId>camt.050.001.05</MsgDefId>
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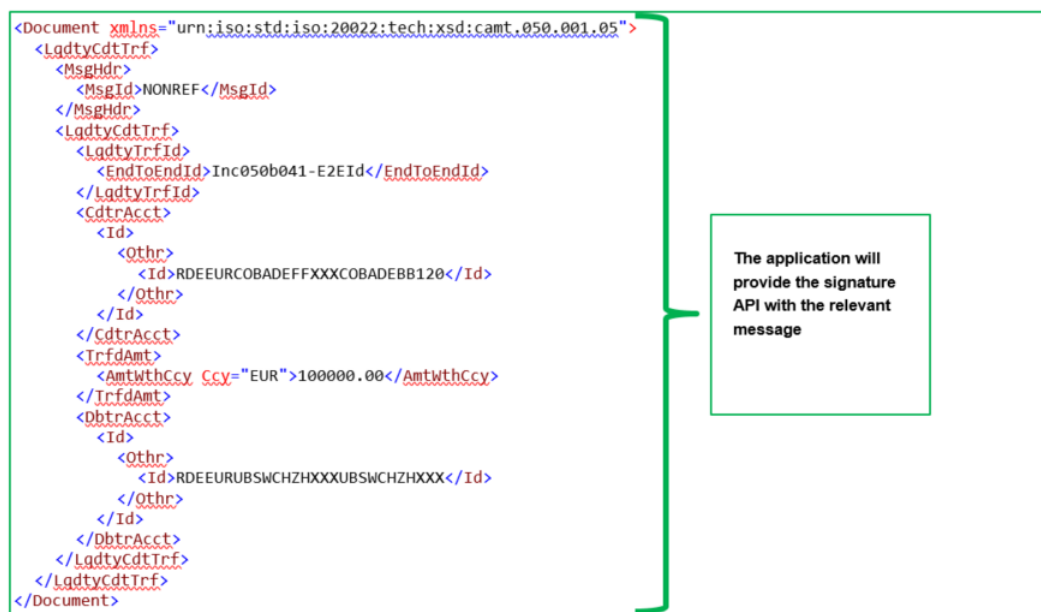
```


304 EUROSYSYSTEM UPDATE [RealBICs]: page 1016 (CLM UDFS-chapter 13.2.4 Message type 2: single ISO 20022 message)

Replace figure 127 with the image below



Replace figure 128 with the image below



Replace figure 129 (comprises 4 images) with 4 images below

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<AppHdr xmlns="urn:iso:std:iso:20022:tech:xsd:head.001.001.01">
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      <ds:SignedInfo>
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305 EUROSYSTEM UPDATE [UDFS v2.2] on RTGS example messages

Example files deleted since v2.1 - Addendum

Inbound_pacs.010_RTGS_FIDirectDebitOrder_URGT_bs031

Outbound_camt.021_AS-D_ReturnGeneralBusinessInformation_OVN-PROC-OPEN_bs561

admi.004_RTGS_SystemEventNotification_RejectTime_example

admi.004_RTGS_SystemEventNotification_RTGSOperationsRelated_example

Example files inserted since v2.1 - Addendum
--

Inbound_pacs.010_RTGS_FIDirectDebitOrder_bs031

Outbound_camt.021_AS-D_ReturnGeneralBusinessInformation_OVN-PROC-OPN_bs561

admi.004_RTGS_SystemEventNotification_RJCT_bs081

admi.004_RTGS_SystemEventNotification_FREE_bs082

Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs075

Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs075

Inbound_pacs.009_RTGS_FICreditTransferOrder_bs076

Inbound_pacs.010_RTGS_FIDirectDebitOrder_bs031

Outbound_pacs.009_RTGS_FICreditTransfer_bs076

camt.004_RTGS_ReturnAccount_FLOR_bs083

camt.004_RTGS_ReturnAccount_CEIL_bs083

Example files changed since v2.1 - Addendum

admi.004_AS-A_Broadcast_DISA_bs502-1D

admi.004_AS-A_Broadcast_INFA_bs501-1D

admi.004_AS-A_Broadcast_INFA_bs502-1D

admi.004_AS-A_Broadcast_INFA_bs504-2C

admi.004_AS-A_Broadcast_INFA_bs504-3D

admi.004_AS-A_Broadcast_REVA_bs503-1D

admi.004_AS-A_Broadcast_REVA_bs503-2C

admi.004_AS-A_Broadcast_REVA_bs503-4C

admi.004_AS-B_Broadcast_SEFB_bs522-1D

admi.004_AS-B_Broadcast_SEFB_bs522-2C

admi.004_AS-E_Broadcast_INFE_bs582-1D

admi.004_AS-E_Broadcast_INFE_bs582-2C

admi.004_AS-E_Broadcast_REVE_bs582-2C

admi.004_AS-E_Broadcast_SEFE_bs582-3D

admi.005_RTGS_ReportQueryRequest_bs998

camt.003_RTGS_AccountQuery_bs300

camt.003_RTGS_AccountQuery_bs301

camt.004_AS-C_ReturnAccount_DAYEOP-bs541

camt.004_AS-C_ReturnAccount_DAYEOP-bs544

camt.004_AS-C_ReturnAccount_DAYSOC-bs541

camt.004_AS-C_ReturnAccount_DAYSOC-bs544

camt.004_AS-C_ReturnAccount_DAYSOP-bs541

camt.004_AS-C_ReturnAccount_DAYSOP-bs544

camt.004_AS-C_ReturnAccount_SBKLCT-bs541

camt.004_RTGS_ReturnAccount_bs300

camt.005_RTGS_GetTransaction_bs302

camt.005_RTGS_GetTransaction_bs303

camt.006_RTGS_ReturnTransaction_bs302

camt.007_RTGS_ModifyPaymentOrder_bs036

camt.009_RTGS_CurrentLimitsQuery_bs032

camt.009_RTGS_CurrentLimitsQuery_bs033

camt.010_RTGS_CurrentLimitsQueryResponse_Data_bs032

camt.011_RTGS_ModifyCurrentLimit_bs034

camt.011_RTGS_ModifyCurrentLimit_bs069

camt.012_RTGS_DeleteCurrentLimit_bs035

camt.046_RTGS_CurrentReservationsQuery_bs037

camt.046_RTGS_CurrentReservationsQuery_bs038

camt.047_RTGS_CurrentReservationsQueryResponse_Data_bs037

camt.048_RTGS_ModifyCurrentReservation_bs039

camt.049_RTGS_DeleteCurrentReservation_bs040

camt.050_AS-C_LiquidityCreditTransfer_DCASUB_bs541

camt.050_RTGS_LiquidityCreditTransfer_DCADCA_bs041

camt.050_RTGS_LiquidityCreditTransfer_DCAMCA_bs042

camt.050_RTGS_LiquidityCreditTransfer_DCAT2S_bs044

camt.053_RTGS_BankToCustomerStatement_bs998

camt.054_AS-A_CreditNotification_bs501-2C

camt.054_AS-A_CreditNotification_bs503-1D

camt.054_AS-A_CreditNotification_bs504-4C

camt.054_AS-A_DebitNotification_bs501-1D
camt.054_AS-A_DebitNotification_bs503-1D
camt.054_AS-A_DebitNotification_bs504-1D
camt.054_AS-A_DebitNotification_bs504-3D
camt.054_AS-A_DebitNotification_bs504-GF
camt.054_AS-B_CreditNotification_bs521-2C
camt.054_AS-B_DebitNotification_bs521-1D
camt.054_AS-C_CreditNotification_bs541-5C
camt.054_AS-C_CreditNotification_bs541-7C
camt.054_AS-C_CreditNotification_bs541-9C
camt.054_AS-C_CreditNotification_bs544-8C
camt.054_AS-C_CreditNotification_bs544-9C
camt.054_AS-C_CreditNotification_bs544-10C
camt.054_AS-C_CreditNotification_bs544-11C
camt.054_AS-C_DebitNotification_bs541-1D
camt.054_AS-C_DebitNotification_bs541-2D
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camt.054_AS-C_DebitNotification_bs544-2D
camt.054_AS-C_DebitNotification_bs544-7D
camt.054_AS-D_CreditNotification_bs561-3C
camt.054_AS-D_DebitNotification_bs561-1D
camt.054_AS-E_CreditNotification_bs581-2C
camt.054_AS-E_CreditNotification_bs582-1C
camt.054_AS-E_DebitNotification_bs581-1D

camt.054_AS-E_DebitNotification_bs582-4D

camt.054_RTGS_CreditNotification_LIQT_bs070

camt.054_RTGS_CreditNotification_LiquidityTransfer_bs041

camt.054_RTGS_CreditNotification_StandingOrder_bs067

Inbound_camt.029_RTGS_PaymentCancellationRequestStatus_Rejection_bs022

Inbound_camt.056_RTGS_PaymentCancellationRequest_bs022

Inbound_camt.056_RTGS_PaymentCancellationRequest_bs023

Inbound_camt.056_RTGS_PaymentCancellationRequest_bs026

Inbound_camt.056_RTGS_PaymentCancellationRequest_bs027

Inbound_camt.056_RTGS_PaymentCancellationRequest_bs030

Inbound_camt.056_RTGS_PaymentCancellationRequest_bs031

Inbound_head.001_RTGS_BAH_(CB-to-RTGS)_bs013

Inbound_head.001_RTGS_BAH_(CoverPayment)_bs019

Inbound_head.001_RTGS_BAH_(PB-to-PB)_bs014

Inbound_head.001_RTGS_BAH_(PB-to-RTGS)_bs016

Inbound_head.001_RTGS_BAH_bs069

Inbound_pacs.004_RTGS_PaymentReturnOrder_bs023

Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs020

Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs021

Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs022

Inbound_pacs.008_RTGS_CustomerCreditTransferOrder_bs023

Inbound_pacs.009_AS-D_FICreditTransferOrder_SBTI_bs561

Inbound_pacs.009_RTGS_FICreditTransferOrder_bs024

Inbound_pacs.009_RTGS_FICreditTransferOrder_bs026

Inbound_pacs.009_RTGS_FICreditTransferOrder_bs027

Inbound_pacs.009_RTGS_FICreditTransferOrder_COV_bs028

Inbound_pacs.010_RTGS_FIDirectDebitOrder_bs029

Inbound_pacs.010_RTGS_FIDirectDebitOrder_bs030

Inbound_pain.998_AS-A_ASTI_bs501

Inbound_pain.998_AS-A_ASTI_bs502

Inbound_pain.998_AS-A_ASTI_bs503

Inbound_pain.998_AS-A_ASTI_bs504

Inbound_pain.998_AS-B_ASTI_bs521

Inbound_pain.998_AS-B_ASTI_bs522

Inbound_pain.998_AS-C_ASTI_bs541_liqd

Inbound_pain.998_AS-C_ASTI_bs541_paym

Inbound_pain.998_AS-C_ASTI_bs544

Inbound_pain.998_AS-D_ASTI_bs561

Inbound_pain.998_AS-E_ASTI_bs581

Inbound_pain.998_AS-E_ASTI_bs582

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Execution_bs026

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Execution_bs030

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Forwarded_bs022

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Forwarded_bs023

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Rejection_bs022

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Rejection_bs027

Outbound_camt.029_RTGS_PaymentCancellationRequestStatus_Rejection_bs031

Outbound_camt.056_RTGS_PaymentCancellationRequest_bs022

Outbound_camt.056_RTGS_PaymentCancellationRequest_bs023

Outbound_head.001_RTGS_BAH_(PB-to-PB)_bs014

Outbound_head.001_RTGS_BAH_(RTGS-to-PB)_bs015

Outbound_head.001_RTGS_BAH_bs069

Outbound_pacs.004_RTGS_PaymentReturn_bs023

Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs021

Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs022

Outbound_pacs.008_RTGS_CustomerCreditTransfer_bs023

Outbound_pacs.009_RTGS_FICreditTransfer_bs027

Outbound_pacs.009_RTGS_FICreditTransfer_COV_bs028

Outbound_pacs.010_RTGS_FIDirectDebit_bs031

Outbound_pain.998_AS-A_ASIS_REVR_bs503

Outbound_pain.998_AS-A_ASIS_RJDA_bs502

Outbound_pain.998_AS-B_ASIS_RJCT_bs522

Outbound_pain.998_AS-C_ASIS_PART_bs544

Outbound_pain.998_AS-D_ASTN_DAYSOP_bs561

Outbound_pain.998_AS-D_ASTN_SBKLCT_bs561

Outbound_pain.998_AS-E_ASIS_PART_bs582

pacs.002_RTGS_FIPaymentStatusReport_ACSC-payment_bs023

pacs.002_RTGS_FIPaymentStatusReport_ACSC-return_bs023

DWH**306 EUROSYSYSTEM UPDATE [CSLD-384]: page 5 (DWH UDFS-chapter 1 – Introduction)**

Change wording

The Data Warehouse (DWH) is a common component for the T2 Service . It collects business information and data derived from services and common components. The DWH is designed to support business decisions by allowing data consolidation and reporting at different aggregation levels. Data is populated into the DWH through the processes of extraction, transformation and loading.

Both modes (application-to-application (A2A) and user-to-application (U2A)) are available for the DWH. However, as regards the A2A interface no A2A requests and answers with xml messages are foreseen. Instead of that functionality is provided, allowing users to receive (predefined) reports [} 13] and also user defined DWH reports on the basis of a prior configuration (in U2A mode) in the scheduler.

307 EUROSYSYSTEM UPDATE [internal review]: page 8 (DWH UDFS-chapter 3.1 – Overview)

Add description of the data scope of different party types in the DWH

Data scope

The data scope in the DWH follows the following rules:

Users have access to their party's data based on the data scope according to the hierarchical model.

For CBs: Each CB has access to granular data (e.g. account balances, transaction details etc.) for all parties belonging to its system entity. Moreover, each CB has access to aggregated data of all system entities.

For PBs and AS: Each payment bank and AS has access to granular data (e.g. account balances, transaction details etc.) for its own party.

308 EUROSYSYSTEM UPDATE [CSLD-597, CSLD-731]: page 9 (DWH UDFS-chapter 3.1 – Overview)

Add paragraph with detailed description of the xml-message sent out via A2A

Format

The results of DWH reports can be displayed on-screen and from there downloaded to various file types (html, pdf, csv, xlsx) 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.

Structure of the A2A message

In order to transport all three file formats (csv, xlsx, xml) via A2A xml-message, the message content (see examples in chapter 3.3) is embedded within an xml-envelope as BLOB (binary large object) using CDATA. This envelope contains the additional fields that enables report receivers to correctly route the report within their system. Following additional fields are used:

<u>Tag</u>	<u>Description</u>
<u><DWHRptRcptID></u>	<u>BIC of the report recipient party</u>
<u><DWHUsr></u>	<u>User login name of the user, that scheduled the report. It is the same as used in ESMIG for logging in.</u>
<u><DWHptySrvclink></u>	<u>Contains the service, whose data are transported in the report. Possible values:</u> <ul style="list-style-type: none"> • <u>T2_C (T2 service)</u> • <u>T2S (T2S service)</u>
<u><DWHRptName></u>	<u>Name of the report (first 35 characters). For predefined reports it is the name of the report as described in chapter 3.5, for user-defined report it is the name provided by the user when setting up the report in the DWH.</u>
<u><DWHRptID></u>	<u>A technical identifier unique for this report instance provided by the DWH – in case of problems it enables the operational team to unambiguously identify the report.</u>
<u><DWHRptCont></u>	<u>Contains the report itself in the chosen format.</u>

Table 22 – A2A message envelope contents

Example:

```
<DWHEnvelope xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:noNamespaceSchemaLocation="DWHReport.xsd">
  <DWHHdr>
    <DWHRptRcptID>AAAADEBBXXX</DWHRptRcptID>
    <DWHUsr>5874569852</DWHUsr>
    <DWHptySrvclink>T2_C</DWHptySrvclink>
  </DWHHdr>
  <DWHRpt>
    <DWHRptName>IDC04 – Credit line/IDC averages an</DWHRptName>
    <DWHRptID>A67587Z7899gf53856hgiK875Frt654i8F5</DWHRptID>
    <DWHRptCont><![CDATA[BLOB-Report]]></DWHRptCont>
  </DWHRpt>
</DWHEnvelope>
```

309 EUROSISTEM UPDATE [internal review]: page 10-11 (DWH UDFS-chapter 3.3 – Examples for A2A delivery of DWH reports)

Example and file specification for csv and xlsx format added

Flag	Sender/Receiver Party BIC	Transaction Reference Number	Sender Message Reference	Message Type	Service Type	Status	Debited Account Number	Debited Account BIC	Credited Account Number	Credited Account BIC	Amount
Sender	PBANKM00XXX	2018141433293	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,68	
Sender	PBANKM00XXX	2018141433294	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,27	
Sender	PBANKM00XXX	2018141433295	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.160,82	
Sender	PBANKM00XXX	2018141433296	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,81	
Sender	PBANKM00XXX	2018141433301	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,69	
Sender	PBANKM00XXX	2018141433302	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,28	
Sender	PBANKM00XXX	2018141433303	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.160,83	
Sender	PBANKM00XXX	2018141433304	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,81	
Sender	PBANKM00XXX	2018141433305	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,17	
Sender	PBANKM00XXX	2018141433306	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,07	
Sender	PBANKM00XXX	2018141433307	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.160,2	
Sender	PBANKM00XXX	2018141433308	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,8	
Sender	PBANKM00XXX	2018141433309	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,82	
Sender	PBANKM00XXX	2018141433310	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,33	
Sender	PBANKM00XXX	2018141433311	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.160,98	
Sender	PBANKM00XXX	2018141433312	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,81	
Sender	PBANKM00XXX	2018141433313	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,75	
Sender	PBANKM00XXX	2018141433314	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,3	
Sender	PBANKM00XXX	2018141433315	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.160,82	
Sender	PBANKM00XXX	2018141433316	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,82	
Sender	PBANKM00XXX	2018141433317	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,75	
Sender	PBANKM00XXX	2018141433318	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,33	
Sender	PBANKM00XXX	2018141433319	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.160,89	
Sender	PBANKM00XXX	2018141433320	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,81	
Sender	PBANKM00XXX	2018141433321	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,48	
Sender	PBANKM00XXX	2018141433322	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,59	
Sender	PBANKM00XXX	2018141433323	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.161,78	
Sender	PBANKM00XXX	2018141433324	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,82	
Sender	PBANKM00XXX	2018141433325	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	361.800,28	
Sender	PBANKM00XXX	2018141433326	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	144.720,11	
Sender	PBANKM00XXX	2018141433327	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	434.160,33	
Sender	PBANKM00XXX	2018141433328	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X	5.788,8	

Figure X(new figure) - Example for A2A delivery of predefined DWH report TRN01 (csv-format)

This example represents the predefined DWH report in CSV format.

The csv format support Unicode data across many client operating systems and are

UTF-16 Little Endian data encoded. It includes a BOM (Byte Order Mark) at the beginning of the file and is Tab-delimited. The csv format do not enclose strings in quotation marks and use a new line character to delimit rows.

You can open reports saved in CSV format using a variety of spreadsheet software applications. By default, reports produced in CSV format will appear in the application associated with the .csv file type.

Flag	Sender/Receiver Party BIC	Transaction Reference Number	Sender Message Reference	Message Type	Service Type	Status	Debited Account Number	Debited Account BIC	Credited Account Number	Credited Account BIC	Amount
Sender	PBANKM00XXX	2018141433293	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,68
Sender	PBANKM00XXX	2018141433294	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,27
Sender	PBANKM00XXX	2018141433295	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.160,82
Sender	PBANKM00XXX	2018141433296	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,81
Sender	PBANKM00XXX	2018141433301	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,69
Sender	PBANKM00XXX	2018141433302	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,28
Sender	PBANKM00XXX	2018141433303	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.160,83
Sender	PBANKM00XXX	2018141433304	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,81
Sender	PBANKM00XXX	2018141433305	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,17
Sender	PBANKM00XXX	2018141433306	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,07
Sender	PBANKM00XXX	2018141433307	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.160,2
Sender	PBANKM00XXX	2018141433308	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,8
Sender	PBANKM00XXX	2018141433309	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,82
Sender	PBANKM00XXX	2018141433310	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,33
Sender	PBANKM00XXX	2018141433311	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.160,98
Sender	PBANKM00XXX	2018141433312	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,81
Sender	PBANKM00XXX	2018141433313	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,75
Sender	PBANKM00XXX	2018141433314	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,3
Sender	PBANKM00XXX	2018141433315	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.160,82
Sender	PBANKM00XXX	2018141433316	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,82
Sender	PBANKM00XXX	2018141433317	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,75
Sender	PBANKM00XXX	2018141433318	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,33
Sender	PBANKM00XXX	2018141433319	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.160,89
Sender	PBANKM00XXX	2018141433320	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,81
Sender	PBANKM00XXX	2018141433321	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,48
Sender	PBANKM00XXX	2018141433322	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,59
Sender	PBANKM00XXX	2018141433323	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.161,78
Sender	PBANKM00XXX	2018141433324	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,82
Sender	PBANKM00XXX	2018141433325	not provided	pacs.009	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		361.800,28
Sender	PBANKM00XXX	2018141433326	not provided	pacs.010	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		144.720,11
Sender	PBANKM00XXX	2018141433327	not provided	pain.998	RTGS	Settled	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		434.160,33
Sender	PBANKM00XXX	2018141433328	not provided	pacs.008	RTGS	Removed	RTGSDCPBANKM00XXXEUR0001	PBANKM001X	PBANKW001X		5.788,8

Figure X (new figure) - Example for A2A delivery of predefined DWH report TRN01 (xlsx-format)

Excel render report output in native Excel XML format, also known as XLSX. This format provides a fast way to deliver native Excel spreadsheets. Excel provides fully formatted reports for use in Microsoft Excel.

310 EUROSISTEM UPDATE [internal review]: page 11 (DWH UDFS-chapter 3.3 – Examples for A2A delivery of DWH reports)

Replacing xml format example

```
<?xml version="1.0" encoding="utf-8"?>
<dataset xmlns="http://developer.cognos.com/schemas/xmldata/1/" xmlns:xs="http://www.w3.org/2001/XMLSchema-instance">
<!--
<dataset
  xmlns="http://developer.cognos.com/schemas/xmldata/1/"
  xmlns:xs="http://www.w3.org/2001/XMLSchema-instance"
  xs:schemaLocation="http://developer.cognos.com/schemas/xmldata/1/ xmldata.xsd"
>
-->
  <metadata>
    <item name="Flag" type="xs:string" length="18"/>
    <item name="Sender/Receiver Party BIC" type="xs:string" length="24"/>
    <item name="Transaction Reference Number" type="xs:decimal" precision="16"/>
    <item name="Sender Message Reference" type="xs:string" length="90"/>
    <item name="Message Type" type="xs:string" length="34"/>
    <item name="Service Type" type="xs:string" length="34"/>
    <item name="Status" type="xs:string" length="72"/>
    <item name="Debited Account Number" type="xs:string" length="70"/>
    <item name="Debited Account BIC" type="xs:string" length="24"/>
    <item name="Credited Account Number" type="xs:string" length="70"/>
    <item name="Credited Account BIC" type="xs:string" length="24"/>
    <item name="Amount" type="xs:decimal" scale="2" precision="31"/>
  </metadata>
  <data>
    <row>
      <value>Sender</value>
      <value>PBABKMD0XXX</value>
      <value>2018141433293</value>
      <value>not provided</value>
      <value>pacs.009</value>
      <value>RTGS</value>
      <value>Settled</value>
      <value>RTGSDCPBABKMD0XXXEUR0D01</value>
      <value>PBABKMR001X</value>
      <value xs:nil="true" />
      <value>PBABKWR001X</value>
      <value>361800.68</value>
    </row>
    <row>
      <value>Sender</value>
      <value>PBABKMD0XXX</value>
      <value>2018141433294</value>
      <value>not provided</value>
      <value>pacs.010</value>
      <value>RTGS</value>
      <value>Settled</value>
      <value>RTGSDCPBABKMD0XXXEUR0D01</value>
      <value>PBABKMR001X</value>
      <value xs:nil="true" />
      <value>PBABKWR001X</value>
      <value>144720.27</value>
    </row>
  </data>
</dataset>
```

Figure 2 - Example for A2A delivery of predefined DWH report TRN01 (xml-format)

311 EUROSISTEM UPDATE [internal review]: page 13-26 (DWH UDFS-chapter 3.5 – Predefined reports)

Removing the report description for all predefined reports in order to remove redundancies with the UHB and align names to UHB

Predefined DWH reports (ancillary system)

Short name	Long name and content of the DWH report	Available for
ANS01	<p>ANSncillary system-01 - Overview of AS transfer orders</p> <p>This report provides information on the total volume and value of AS transfer orders differentiated by Ancillary system name and BIC that were settled (or not settled) on (or within) a given date (range).</p> <p>CBs can retrieve information for Ancillary system belonging to their system entity.</p>	CB/ Ancillary system
ANS02	<p>ANSncillary system-02 - Daily average of AS transfers</p> <p>This report provides information on the daily average volume and value of AS transfers settled within a given month (range) and differentiated by system entity/CB.</p> <p>CBs can retrieve aggregated volume and value information for each system entity/CB.</p>	CB

Table 23 - Predefined DWH reports (ANS)

Predefined DWH reports (business day)

Short name	Long name and content of the DWH report	Available for
BDY01	<p>BDYbusiness day-01 – Business day event/delay information and settlement opening time</p> <p>This report provides information on the daily timing of business day events and on delays in periods of the business day for CLM or RTGS.</p> <p>For each time-based event of a respective business day the report provides information as regards the planned time, the revised time and the effective time. For events that are not time-based the report will only provide an effective time. In case of currency-specific events the event times are provided separate per currency.</p> <p>Based on the timing of the business day events, the report calculates the daily opening time for settlement as well as the total number and the duration of delays (only for time-based events) in CLM or RTGS.</p> <p>The report is available for a given date (range).</p>	CB/ Ancillary system / payment bank

Table 24 - Predefined DWH reports (BDY)

Predefined DWH reports (contingency)

Short name	Long name and content of the DWH report	Available for
CON01	<p>CONContingency-01 – Cash transfers settled during contingency processing and final contingency account balances</p> <p>This report provides information on the cash transfers settled on accounts in the Contingency Services during a contingency procedure. For each party/contingency account (with at least one cash transfer within a contingency processing) all cash transfers within the contingency processing as well as the final account balance on the contingency account at the time of the closure of the contingency processing are provided.</p> <p>For each cash transfer the report provides the account number in the Contingency Services, the account number of the cash transfer counterpart in the Contingency Services, the settlement timestamp and the credit or debit amount. Cash transfers on the same account are sorted in chronological order of their settlement timestamp.</p> <p>In case that several contingency processing sessions occurred within the same business day, the sessions are reported separate.</p> <p>CBs can retrieve information for parties belonging to their system entity.</p>	CB
CON02	<p>CONContingency-02 – Contingency processing – end of procedure account balances per CB</p> <p>This report provides the balance for each CB contingency account at the end of a contingency procedure. In addition, the sum of debits and credits during a contingency procedure for each CB contingency account are reported.</p>	CB

Table 3- - Predefined DWH reports (CON)

Predefined DWH reports (data extraction)

Short name	Long name and content of the DWH report	Available for
DEX01	<p>DEXata extraction-01 - Monitor data extraction request(s)</p> <p>This report provides information on data extraction requests (DEX02) by CB users for a given date (range). For each data extraction request, the user, the request date, the requested component, the status and (in case of execution) the execution date is provided.</p> <p>CBs can retrieve information on extraction requests of users belonging to their system entity.</p>	CB
DEX02	<p>DEXata extraction-02 - Data extraction request</p> <p>This report is used to submit requests for the extraction of CLM or RTGS data for a given date (range). CBs can retrieve (transaction level and party) data within their own data scope. The data extraction period is limited to a maximum of five business days.</p> <p>Note: As for any DWH report transmission the functional specifications and limitations (e.g. as regards the maximum file size) for ESMIG apply accordingly.</p>	CB

Table-4- Predefined DWH reports (DEX)**Predefined DWH reports (intraday credit)**

Short name	Long name and content of the DWH report	Available for
IDC01	<p>IDCntraday credit-01 – Daily Intraday credit (IDC) community indicators</p> <p>This report provides a set of community indicators related to the use of credit lines and IDC. The indicators focus on those default main cash accounts (MCAs) belonging to the system entity of each CB and having at least once within the respective business day a credit line > 0.</p> <p>For the respective business day the number of default MCAs with a credit line > 0 and the number of those with a negative intraday balance (IDC used) is reported. In addition, the report provides calculations (lowest average value, highest average value and weighted average value) for the aggregated credit line amounts, IDC use and queued cash transfer orders.</p>	CB
IDC02	<p>IDCntraday credit-02 – Credit line/IDC daily reporting</p> <p>This report provides information related to the amount of credit line, the use of</p>	CB

	<p>IDC and queued cash transfer orders on a given business day for a selected holder of a default MCA.</p> <p>CBs can retrieve information on default MCAs of those parties belonging to their system entity.</p>	
IDC03	<p>IDCtraday credit-03 - Credit line/IDC averages and maxima (account level)</p> <p>This report provides information related to the credit line and IDC development during a given date range for a selected holder of a default MCA. For each business day within the given date range the weighted average and maximum amount of credit line amount and IDC use are reported.</p> <p>CBs can retrieve information on default MCAs of those parties belonging to their system entity.</p>	CB/ Ancillary system / payment bank
IDC04	<p>IDCtraday credit-04 - Credit line/IDC averages and maxima (community level)</p> <p>This report provides aggregated information related to the credit line and IDC development during a given date range at community level. For each business day within the given date range the weighted average and maximum amount of credit line amount and IDC use (aggregated figures at community level) are reported.</p> <p>CBs can retrieve aggregated information on parties belonging to their system entity.</p>	CB
IDC05	<p>IDCtraday credit-05 - Maximum of credit line and repo used</p> <p>This report provides credit line and balance information for the start of day (SoD) and end of day (EoD) of a selected parties' default MCA on a given business day. Moreover, the peak IDC use for the selected default MCA on that business day is reported together with the corresponding amount of credit line at that point in time.</p> <p>CBs can retrieve information on default MCAs of those parties belonging to their system entity.</p>	CB/ Ancillary system / payment bank
IDC06	<p>IDCtraday credit-06 – Credit line and IDC use at system level</p> <p>This report provides system wide aggregated information on the overall amount of credit line and IDC use for a given date (range). For both objects the weighted average for each business day within the given date range is reported.</p> <p>CBs can retrieve aggregated information including credit line and IDC data from all system entities in a respective currency.</p>	CB

Table 5- Predefined DWH reports (IDC)

Predefined DWH reports (invoice data)

Short name	Long name and content of the DWH report	Available for
INV01	<p>INVinvoice data-01 - Reporting revenues</p> <p>This report provides information on the volumes and values of fees/revenues for each month within a given quarter. Within the selected service, absolute volumes and values are reported for each service item. In addition, the fee category (e.g. "Account Management") and the fee type (e.g. "Fixed Independent") are provided for each service item. For each month the total amount of fees/revenues is reported.</p> <p>CBs can retrieve aggregated information on the fees/revenues of parties belonging to their system entity.</p>	CB

Table 6- Predefined DWH reports (INV)

Predefined DWH reports (minimum reserve)

Short name	Long name and content of the DWH report	Available for
MIR01	<p>MIRminimum reserve-01 – Minimum reserve information</p> <p>This report provides periodic information on the minimum reserve requirements, the fulfilment of the aforementioned and the associated (accrued/pro rata) interests. In addition to the party BIC/name, entities are reported with their respective Monetary Financial Institution (MFI) code. The report provides information on payment banks being subject to minimum reserves on the level of the respective leading CLM Account Holder. The report is available for each reserve maintenance period.</p> <p>CBs can retrieve minimum reserve information on those parties belonging to their system entity.</p> <p>Note: As the report is required to display accrued interests (interests are already shown pro rata within an ongoing reserve maintenance period), the interest amounts shown are derived from calculations (and not from interest payments). The final (calculated) interest amounts are displayed as soon as all data for a respective reserve maintenance period is available in DWH.</p>	CB/payment bank
MIR02	<p>MIRminimum reserve-02 – Minimum reserve requirements per country</p> <p>This report provides information on the aggregated amount of minimum reserve requirements for a given reserve maintenance period and the five preceding reserve maintenance periods. For each reserve maintenance period the aggregated amount of minimum reserve requirements at country level is reported.</p> <p>CBs can retrieve aggregated minimum reserve information of parties belonging to their system entity.</p>	CB

Table 7 - Predefined DWH reports (MIR)

Predefined DWH reports (participation)

Short name	Long name and content of the DWH report	Available for
PAR01	<p>PARParticipation-01 - Critical participants</p> <p>This report aims to identify critical participants in RTGS. For the chosen quarter, the report provides information on the daily average volume and value of payments and AS transfers on RTGS dedicated cash accounts (DCAs). Payments and AS transfers are counted once on the debit side of each RTGS DCA and reported by account number, party BIC and party name. Volumes and values for payments and AS transfers are reported as aggregated daily averages for the chosen quarter. By standard, the report result is sorted decreasing by the aggregated daily average value of payments and AS transfers.</p> <p>In a second report sheet the report provides the daily average volume and value of payments and AS transfers on all RTGS DCAs within the given quarter. In addition, the value corresponding to one percent of the reported value is displayed.</p> <p>CBs can retrieve information for those parties belonging to their system entity.</p> <p>Note: The report takes only into account those payments and AS transfers technically being initiated by the respective RTGS Account Holder.</p>	CB
PAR02	<p>PARParticipation-02 - List of active Direct and Indirect Participants according to RTGS Directory</p> <p>This report provides information on those entities being a Direct or an Indirect Participant (<i>Participation Type = 01 – Direct or 02 – Indirect</i>) according to the RTGS Directory on a given date.</p> <p>For each Direct and Indirect Participant the following information from the RTGS Directory are provided: <i>BIC, Institution Name, Valid from, National Sorting Code, Participation Type</i>. In addition, the overall number of Direct and Indirect Participants is reported.</p> <p>In case of Indirect Participation the report provides the country code (International Organization for Standardization (ISO) 3166 Alpha-2) from the BIC of the corresponding Direct Participant.</p> <p>The report is provided in several sorting options, including an option where Indirect Participants are reported under their corresponding Direct Participant/addressee.</p> <p>Note: Independent from the Participation Type, unpublished BICs are not</p>	CB/ Ancillary system / payment bank

	considered for the purpose of this report.	
PAR03	<p>PARParticipation-03 - Parties subject and not subject to minimum reserve</p> <p>This report provides information on whether or not parties are subject to minimum reserves according to the CLM configuration reference data attribute <i>Minimum Reserve Obligation</i> on a given date.</p> <p>Separate lists are provided for parties holding their minimum reserves direct, indirect, in a pool of accounts (pool) and those not being subject to minimum reserves.</p> <p>Each party is reported with its respective MFI code in addition to its party BIC and name.</p> <p>For parties holding their minimum reserves indirect, BIC and name of the party maintaining the minimum reserves for this party are reported.</p> <p>CBs can retrieve data of those parties belonging to their system entity.</p>	CB

PAR04	<p>PARParticipation-04 - List of ancillary systems</p> <p>This report provides information on those parties classified as ancillary system according to the party reference data attribute <i>Party Type</i> on a given date.</p> <p>For each ancillary system, the party name and BIC and the corresponding accounts of the ancillary system in RTGS are reported.</p> <p>For each account the account number and the ancillary system procedure (where applicable) is provided.</p> <p>CBs can retrieve data of those ancillary systems belonging to their system entity.</p>	CB
PAR05	<p>PARParticipation-05 - List of DCA cross-border links</p> <p>This report provides information on those DCAs held in books of a CB different from those of the corresponding linked account of the DCA within a given month.</p> <p>For each cross border link, the account number and the party BIC and name of the DCA and the linked account are reported. In addition, the country code (ISO 3166 Alpha-2) of the CB being responsible for the respective account (DCA and linked account) is displayed. Finally, the start date and the end date (only in case the link was released within the given month) for each cross border link are provided.</p> <p>The report is provided in two different views (DCA and linked account view).</p> <p>Gross border links for those cases are shown, where at least once within the given month a cross border account link was active.</p> <p>CBs can retrieve information on those cross border links where either the party owning the DCA and/or the party owning the linked account of a cross border link belongs to their system entity.</p>	CB
PAR06	<p>PARParticipation-06 - Number of participants per CB</p> <p>This report provides information on the number of participants per participation type according to the RTGS Directory on a given date.</p> <p>For each participation type in RTGS Directory, the number (total and per CB) of participants on the given date is reported. In addition, the number of unpublished RTGS DCAs belonging to payment banks and the number of Direct Participants (payment banks) having a different BIC8 is provided in the same manner.</p> <p>In addition, the report provides information on the number (total and per CB) of ancillary system parties (according to the party reference data attribute <i>Party Type</i>).</p> <p>CBs can retrieve aggregated numbers (overall and per CB) for all CBs/system entities.</p>	CB

Table 8- Predefined DWH reports (PAR)

Predefined DWH reports (statements)

Short name	Long name and content of the DWH report	Available for
STA01	<p>STAtatements-01 - Statement of account (single account)</p> <p>This report provides information on all cash transfers debited or credited on an account in CLM or RTGS for a given date (range).</p> <p>For each business day the account balance at the beginning and at the end of the day is reported. In between, the report lists all cash transfers in the order of their CLM/RTGS settlement timestamp. For each cash transfer an ID, the currency of the instructed amount, the party BIC of the counterpart, the service/component where the account of the counterpart is located and the debit/credit settlement value are provided. Each cash transfer is reported with the respective account balance after its settlement.</p> <p>For each business day the volume and value (separate for debits and credits) of cash transfers are calculated.</p> <p>CBs can retrieve account statement information for those parties belonging to their system entity.</p> <p>Note: No information is provided for RTGS sub-accounts and accounts in the Contingency Services.</p>	CB/ Ancillary system / payment bank
STA02	<p>STAtatements-02 - Statement of account (co-managed accounts)</p> <p>This report provides information on all cash transfers debited or credited on one or several co-managed MCAs in CLM for a given date (range).</p> <p>Apart from that, the content of the report is congruent to STA01.</p> <p>Co-managers can retrieve account statement information on single or all of their co-managed accounts.</p> <p>CBs can retrieve account statement information for those parties belonging to their system entity.</p>	CB/payment bank

Table 9- Predefined DWH reports (STA)

Predefined DWH reports (standing facilities)

Short name	Long name and content of the DWH report	Available for
STF01	<p>STFstanding facilities-01 - Standing facilities information</p> <p>This report provides daily information on the use of standing facilities within a given date range. In addition to the party BIC/name, entities are reported with their respective MFI code. The report provides information on payment banks with access to monetary policy operations and is split in two parts: marginal lending and overnight deposit.</p> <p>For each facility and day the set-up amount, the refund amount and the interest amount is reported. For the marginal lending facility, the reported amounts include both, the use of marginal lending on request and the use of automated marginal lending.</p> <p>CBs can retrieve information on the use of standing facilities of those parties belonging to their system entity.</p> <p>Note: After the launch of Eurosystem Collateral Management System (ECMS) this report will only provide information on the use of the overnight deposit facility as major parts of the marginal lending facility will be no more handled by CLM, but by ECMS. Further information can be found in CLM UDFS chapters “Marginal lending on request” and “Automated marginal lending”.</p>	CB/payment bank

Table 10 - Predefined DWH reports (STF)**Predefined DWH reports (transactions)**

Short name	Long name and content of the DWH report	Available for
TRN01	<p>TRNransactions-01 – Cash transfer (order) search and details</p> <p>This report offers the possibility to search for cash transfer orders/cash transfers using a set of (optional) filter criteria (including e.g. the UETR). For the resulting cash transfers/cash transfer orders it is possible to display the respective message and settlement details.</p> <p>For CBs access to those cash transfers/cash transfer orders is granted where one of its parties is involved on the credit and/or the debit side.</p>	CB/ Ancillary system / payment bank
TRN02	<p>TRNransactions-02 - Monthly overview of domestic and cross-border payments</p> <p>This report provides information on the monthly volume and value of payments in RTGS differentiated by domestic and cross-border traffic. Separate tables for</p>	CB/payment bank

	<p>interbank and customer payments are displayed.</p> <p>For CBs information on all of its payment banks is shown sorted by name and BIC.</p>	
TRN03	<p>TRNransactions-03 – Monthly peak day and peak hour in terms of volume and value of cash transfer orders</p> <p>This report provides information on the peak hour and peak day within a given month (range) in terms of volume and value of cash transfer orders in CLM or in RTGS.</p> <p>The report delivers peaks for each system entity and differentiated per settlement status.</p>	CB/payment bank
TRN04	<p>TRNransactions-04 - Cash transfers per time band and per CB</p> <p>This report provides information on the total volume and value of cash transfers per time band of 15 minutes on a chosen business day. Cash transfers in CLM and RTGS are reported in separate report sheets.</p> <p>Volume and value figures are reported separate for domestic (only debits) and cross-border (differentiated by debits and credits) cash transfers. In addition, cumulated volume and value figures are displayed.</p> <p>CBs can retrieve information on cash transfers of parties belonging to their system entity.</p>	CB
TRN05	<p>TRNransactions-05 - Monthly overview of cash transfer orders per party</p> <p>This report provides information on the monthly volume and value of cash transfer orders of a selected party on its account(s). Cash transfer orders in CLM and RTGS are reported in separate report sheets. In case that several accounts belong to the same party in CLM or RTGS, separate figures for each account are displayed. The volume/value figures include totals, daily averages and are differentiated by settlement priority and settlement status and service.</p> <p>CBs can retrieve information for parties belonging to their system entity.</p>	CB/payment bank
TRN06	<p>TRNransactions-06 - Monthly share of Indirect Participant, addressable BIC and multi-addressee payments as part of total Direct Participant's activity</p> <p>This report provides information on the monthly volume and value of payments of all Indirect Participants, addressable BICs and multi-addressees belonging to a selected Direct Participant in RTGS. The volume and value figures are presented for each Indirect Participant/addressable BIC/multi-addressee as totals (differentiated by domestic and cross-border traffic) and in addition, as share of the Direct Participant's activity.</p>	CB/payment bank

	<p>All figures are reported for the given month and the preceding month.</p> <p>CBs can retrieve information for those entities where the respective Direct Participant belongs to their system entity.</p>	
TRN07	<p>TRNransactions-07 - Cash transfers between two accounts of different parties</p> <p>This report lists all cash transfers between two accounts in CLM or RTGS for a given date (range). For each cash transfer the settlement time stamp, the message type, the CLM/RTGS booking reference, the transaction category and the settlement amount are displayed. CBs can retrieve information on those cash transfers where at least one of the two involved accounts (credited or debited account) is opened under a party belonging to its system entity.</p>	CB
TRN08	<p>TRNransactions-08 - Business activity of a party/parties</p> <p>This report provides information on the total volume and value as well as the average settlement amount of cash transfers in CLM or RTGS per party for a given date (range). In case that several accounts belong to the same party in CLM or RTGS, aggregated figures are displayed. The volume, value and average settlement amount figures are presented separately for the debit/credit side and the sending/receiving side.</p> <p>CBs can retrieve information for parties belonging to their system entity.</p>	CB/payment bank

TRN09	<p>TRNransactions-09 – RTGS Account Holder activity</p> <p>This report provides information on the biannually activity of RTGS Account Holders. It displays for the selected account holder(s) the total volume and value of cash transfer orders per transaction category, per message type and differentiated per settlement status within the first or second half of a year. In case that several accounts belong to the same party, each account is displayed separately. In case that a CB executes the report for all RTGS Account Holders belonging to its system entity, the market share per RTGS Account Holder in terms of volume of cash transfers in relation to the volume of all cash transfers of RTGS Account Holders belonging to the CBs system entity is added to the report.</p> <p>CBs can retrieve information for Account Holders belonging to their system entity.</p>	CB
TRN10	<p>TRNransactions-10 - Monthly value and volume of cash transfers in CLM/RTGS (according to T2 statistical framework)</p> <p>This report provides information on the monthly volume and value of cash transfers in CLM or RTGS according to the T2 statistical framework, which aims to reflect cash transfers from a business perspective. In this respect, some cash transfers (e.g. any liquidity transfers between two accounts of the same party) are not considered for the volume and value figures in this report.</p> <p>Volume and value figures are displayed as monthly totals and daily averages (for each month) and are given for each CB/system entity and in addition as the total sum of all system entities for a given currency.</p> <p>CBs can retrieve aggregated volume and value information for each CB/system entity as well as the sum of all system entities in CLM or in RTGS.</p>	CB
TRN11	<p>TRNransactions-11 - Monthly value and volume of cash transfers between system entities</p> <p>This report provides information on the monthly volume and value of cash transfers in CLM and RTGS between all accounts belonging to the system entities/CBs active in a selected currency. The figures for the bilateral payment flows between all accounts of system entities/CBs which are differentiated by Euro area and by EU CBs are displayed as totals.</p> <p>CBs can retrieve aggregated volume and value information for each bilateral CB/system entity relationship.</p>	CB

Table 11 - Predefined DWH reports (TRN)

312 EUROSYSYSTEM UPDATE [CSLD-CR0036]: page 14 (DWH UDFS-chapter 3.5 – Predefined reports)

Adding the predefined reports for billing (will be added between tables 1 and 2)

Predefined DWH reports (billing)

<u>Short name</u>	<u>Long name of the DWH report</u>	<u>Available for</u>
<u>BIL01</u>	<u>Billing 01 – Consumption data</u>	<u>CB/ CSD</u>
<u>BIL02</u>	<u>Billing 02 – Monitoring the invoicing activity</u>	<u>CB/ CSD</u>
<u>BIL03</u>	<u>Billing 03 – Audit of critical billing data</u>	<u>CB/ CSD</u>
<u>BIL04</u>	<u>Billing 04 – Detailed consumption</u>	<u>CB/ CSD</u>
<u>BIL05</u>	<u>Billing 05 - Detailed participation</u>	<u>CB/ CSD</u>

Table X (new table) - Predefined DWH reports (BIL)

313 EUROSISTEM UPDATE [Internal review]: page 17 (DWH UDFS-chapter 3.5 – Predefined reports)

Change title for report IDC05 since there is no repo in T2

Short name	Long name and content of the DWH report	Available for
IDC05	Intraday credit 05 - maximum of credit line and repo used	CB/ Ancillary system / payment bank

314 EUROSISTEM UPDATE [Internal review]: page 21 (DWH UDFS-chapter 3.5 – Predefined reports)

Change title for report PAR06 to align it to the UHB

Short name	Long name and content of the DWH report	Available for
PAR06	Participation 06 - number of participants per participation type in RTGS Directory and per CB	CB/ Ancillary system / payment bank

315 EUROSISTEM UPDATE [CSLD-540]: page 8 (DWH UDFS chapter 3.1, paragraph “DWH communication”)

Add explanation on data scope determination and routing adress determination for DWH A2A communication

DWH communication

DWH ad-hoc reports can be requested in the GUI via U2A mode. More information on ad-hoc reports (including the search/output criteria and report examples) are provided in the DWH UHB.

Moreover, the DWH offers a scheduler function allowing the configuration and delivery of (recurring) reports with individual settings. The configuration is done in U2A whilst the delivery can be done via U2A (storing in a folder) or A2A (file delivery). For more information as regards the A2A delivery of DWH reports, please refer to the chapter Example for A2A delivery of DWH reports [] 10].

As regards the response/the data output the DWH offers the following possibilities using ESMIG:

- the user receives an ad-hoc DWH report result on the GUI screen (U2A mode);
- the report result is stored in a folder and can be viewed U2A;
- the scheduled report result is delivered via A2A mode.

In the latter case, the functional specifications and limitations (e.g. as regards the maximum file size) for ESMIG apply accordingly. Further information can be found in the ESMIG UDFS.

Please note, that due to the authorisation process via ESMIG the user will be known in the DWH without DN information. Therefore the user and his party will be used for the determination of the data

scope and the determination of the technical address, the communication is sent to. It is therefore not possible, that e.g. a Co-manager generates a report and has it sent to the Co-managee via A2A – the report will always be sent to the default party technical address of the Co-manager. For more details on DNs, technical addresses and the setup of routing, please consult the CRDM UDFS.

T2 Glossary

316 EUROSISTEM UPDATE [CSLD-0030-URD]: page 3 (T2 Glossary)

Term	Definition
[...]	[...]
Ancillary system	<p>A system in which payments or securities are exchanged and/or cleared, while the ensuing monetary obligations are settled in another system, typically an RTGS system. Ancillary systems are, e.g.:</p> <ul style="list-style-type: none"> I retail payment systems (RPS); I high value payment systems (HLVPS); I instant payment systems (IPS); I foreign exchange settlement (FX) systems (FXS); I money market settlement systems (MMS); I clearing houses (central counterparties) (CCP); I securities settlement systems (SSS) I Other (OTH).
[...]	[...]

317 EUROSISTEM UPDATE [Internal review]: CLM UDFS, RTGS UDFS; Missing links

Missing links in CLM UDFS and RTGS UDFS will be added.

CLM UDFS

"Missing links will be added."

RTGS UDFS

"Missing links will be added."