



T2S CHANGE REQUEST FORM		
General Information (Origin of Request)		
<input checked="" type="checkbox"/> User Requirements (URD) or GUI Business Functionality Document (BFD) <input type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: Bundesbank	Institute: Central bank	Date raised: 15/09/2019
Request title: Optional inbound liquidity transfer in case of negative NCB account balance at liquidity cut-off		Request No: T2S 0720 URD
Request type: Common	Classification: Scope enhancement	Urgency: Normal
1. Legal/business importance parameter¹: High		2. Market implementation efforts parameter²: Low
3. Operational/Technical risk parameter³: Medium		4. Financial impact parameter⁴: High
Requestor Category: Central bank		Status: Allocated to a release

Reason for change and expected benefits/business motivation:

In the context of the T2/T2S Consolidation, for EUR currency a feature of rule-based liquidity transfers (triggered by floor and ceiling amounts being reached⁵) between a CLM MCA and a RTGS DCA will exist. The below graph (extract from CLM UDFS v1.0) shows the principle of floor and ceiling between a MCA and a RTGS DCA in T2. This change request aims at implementing a similar principle between a T2S DCA and its connected MCA, in the specific case of a T2S.NCB account having a negative balance after the end of the current inbound LT cut-off procedure.

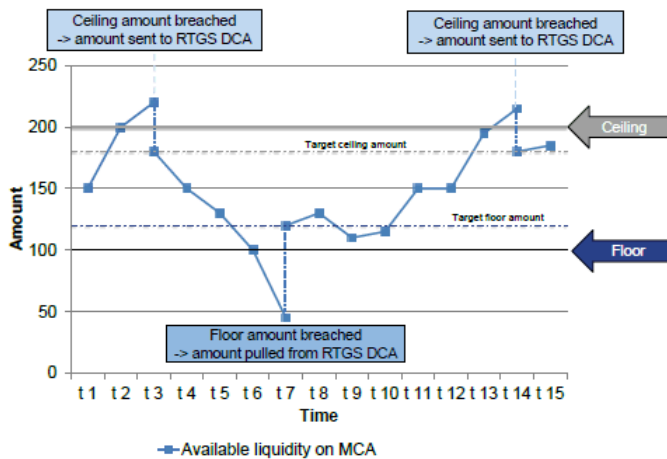


Figure 26 - Breach of floor/ceiling threshold - automatic liquidity transfer

At the moment, only the possibility to even out negative balances before the end of day is subject of this CR

¹ Legal/business importance parameter was set to High because potential infinite negative NCB balances would need to be monitored and corrected manually without CR-720 with the risk of infinite central bank money creation.
² Market implementation effort parameter was set to Low because CR-720 does not require any adaptation by T2S users.
³ Operational/technical risk parameter was set to Medium because it introduces new processes to be fitted into the sensitive EOD period and it will require some interaction between T2S and CLM
⁴ The financial impact parameter was set to High according to the following criteria: Low < 100kEUR < Low-Medium < 200 kEUR < Medium < 400kEUR < High < 700kEUR < Very high
⁵ And triggered by a failed settlement mechanism for Ancillary Systems

Main benefits of this Change request:

- A possible complement to CR-709: CR-709 (Make the mandatory automated cash sweep at 17:45 optional) does not foresee to transfer negative account balances (on NCB accounts) automatically to T2 anymore. Only positive amounts will be transferred if the automated cash sweep is activated. By setting a (target) floor amount of zero on the T2S Central Bank Account, liquidity would be pulled from the NCB's CLM CB account each time needed, preventing it to go below zero.

Description of requested change:

NCB accounts are allowed to have negative balances in T2S. Some NCBs may need to zero out these balances shortly before end-of-day, to ensure there is no overnight negative balance on their T2S accounts. The requested LT mechanism is only to cover a negative balance and should be triggered by the existing event for the end-of-day optional cash sweep (OCS2 event, introduced for EUR with CR 709, set up for DKK in a near future),, for the exact amount needed to zero out the account (i.e. after the LT cut-off, there should be two exceptions: to allow liquidity in coming from this event based mechanism and to allow the LTs that carry out the optional cash sweep. From NCBs perspective, this feature should ideally be available by the go-live of T2-T2S Consolidation. The feature should be available, but not mandatory, for all CBs participating in T2⁶.

The solution should be designed in such a way that the failure of a liquidity transfer in the cases listed above does not result in reattempting that liquidity transfer in a potentially endless loop.

In case the response of this new kind of liquidity transfer request (from CLM to T2S) arrives after the end of the real time closure phase (ERTS), then the NCB balance to be credited will remain negative in T2S, and the transfer carried out in CLM should be reverted.

This functionality should be accessible to Central banks only (DCAs of payment banks cannot have negative balances).

This feature should be designed in a multi-currency way, i.e. available for any T2S currency settling in T2.

Submitted annexes / related documents:

...

Outcome/Decisions:

*CRG on 8 November 2019: The CRG launched the preliminary assessment of CR-720.

*CRG on 27 November 2019: The CRG confirmed the launch of the preliminary assessment of CR-720.

*CRG on 17 September 2020: The CRG agreed to narrow the scope of CR-720 to include only an optional mechanism to prevent overnight negative balances on NCB accounts, and recommended the authorisation of CR-720 by the T2S Steering Level.

*CRG on 20 September 2020: The CRG agreed on the proposed parameters for CR-720 and their justification

*AMI-SeCo on 12 October 2020: The AMI-SeCo agrees with the CRG recommendation of authorisation of CR-720 by the T2S Steering Level.

*CSG on 15 October 2020: The CSG took the resolution to authorise CR-720.

*NECSG on 16 October 2020: The NECSG took the resolution to authorise CR-720.

*MIB on 03 November 2020: The MIB agreed to authorise CR-720.

*PMG on 19 November 2020: the PMG proposed to allocate CR-720 to R6.0 and launched its detailed assessment.

*PMG on 21 May 2021: due to the dependencies with CSLD CR-0067, the PMG proposed to allocate CR-720 to R7.0 and launched its detailed assessment.

*PMG on 31 August 2022: 4CB informed in the PMG Meeting that the detailed assessment of CR-720 was not feasible for R2023.JUN and it had to be put on hold.

*PMG on 14 December 2022: The PMG agreed to launch the detailed assessment of CR-720 with a view of scoping in Release R2024.JUN.

*OMG on 8 December 2023: the OMG identified no operational impact from the inclusion of CR-720 in R2025.NOV.

*CRG on 30 January 2024: the CRG agreed to recommend to the PMG the implementation of CR-0720 in the scope of R2025.NOV.

*PMG on 6 February 2024: the PMG agreed to recommend the inclusion of CR-720 in the scope of R2025.NOV.

*CSG on 20 February 2024: the CSG approved the inclusion of CR-720 in the scope of R2025.NOV.

⁶ For T2S currencies not settling in T2, the existing, mandatory cash sweep already sweeps negative balances back to the relevant external RTGS system (e.g. Kronos 2)

*NECSG on 20 February 2024: the NECSG approved the inclusion of CR-720 in the scope of R2025.NOV.

*MIB on 28 February 2024: the MIB approved the inclusion of CR-720 in the scope of R2025.NOV.

Documentation to be updated:

URD:

Section 6.2.2.1 General Requirements

Definition of a “zero floor” for a NCB T2S dedicated cash account

Reference ID	T2S.06.235
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The NCB account holder of the NCB T2S dedicated cash accounts shall have the possibility to define a zero floor (i.e. a zero floor to reach a balance of zero on the NCB T2S dedicated cash account), rebalancing liquidity from CLM the exact cash amount necessary to reach zero amount on the Central Bank account in T2S, to NCB T2S dedicated cash accounts with negative balances by the end-of-day. T2S shall during the real-time settlement closure process check if the NCB T2S dedicated cash accounts with a negative cash balance check if a zero floor is defined by the NCB account holder of the NCB T2S dedicated cash account. If the Central Bank has set up a zero floor Liquidity Transfer Order, T2S triggers the rebalancing from CLM of the exact cash amount necessary to reach zero amount on the Central Bank account in T2S. If the liquidity cannot be transferred from CLM to T2S the affected balances can exceptionally remain negative overnight.

CRDM UHB

Section 2.3.2.8 Standing/Predefined Liquidity Transfer Order – Search/List Screen

Standing/Predefined Liquidity Transfer Order – Search Criteria	
...	...
Order Type	Select the classification for the Liquidity Transfer Order. The exhaustive list of all possible value is as follows: IPredefined IStanding IRule-Based Floor IRule-Based Ceiling <u>IRule-Based zero Floor</u> This field is blank as for default value.

Section 2.3.2.10 Standing/Predefined Liquidity Transfer Order – New/Edit Screen

Standing/Predefined Liquidity Transfer Order	
...	...
Order Type	Select the classification for the Liquidity Transfer Order. The exhaustive list of all possible value is as follows: IPredefined IStanding IRule-Based Floor

	<p>IRule-Based Ceiling</p> <p><u>IRule-Based zero Floor</u></p> <p>Reference for error message :</p> <ul style="list-style-type: none"> - <u>DCC4078</u> - DCC4202 - DCU4202 <p>This field is mandatory.</p>
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Section 4.3.2.101 Standing/Predefined Liquidity Transfer Order – Search/List Screen

Reference for error message	Field or button	Error Text	Description
DCD4095	Order Type field Restore button	Floor/Ceiling configuration already exists	When performing a Rule-Based Liquidity Transfer Order Restore request, there can never be more than one floor configuration debiting the same Cash Account, <u>more than one zero floor configuration debiting the same Cash Account</u> or more than one ceiling configuration crediting the same Cash Account over the same validity period.

Section 4.3.2.102 Standing/Predefined Liquidity Transfer Order – Details Screen

Reference for error message	Field or button	Error Text	Description
DCD4095	Order Type field Restore button	Floor/Ceiling configuration already exists	When performing a Rule-Based Liquidity Transfer Order Restore request, there can never be more than one floor configuration debiting the same Cash Account, <u>more than one zero floor configuration debiting the same Cash Account</u> or more than one ceiling configuration crediting the same Cash Account over the same validity period.

Section 4.3.2.103 Standing/Predefined Liquidity Transfer Order – New/Edit Screen

Reference for error message	Field or button	Error Text	Description
DCC4078	<u>Order Type field</u> Creditor Cash Account Number field Debited Cash Account Number field Restore button	Invalid Creditor Cash Account	<p>When performing a Rule-Based Liquidity Transfer Order Create request, the specified Creditor Account must be a Cash Account and it must refer to an existing, active and open instance in CRDM with cash account type RTGS DCA, RTGS Central Bank Account, MCA, <u>T2S Central Bank Account</u> or CLM Central Bank Account.</p> <p><u>If the creditor account is a T2S Central Bank Account the order type must be Rule-Based zero floor and the debited account must be a CLM Central Bank Account.</u></p> <p>If the debited account is an RTGS DCA, the creditor account cannot be another RTGS DCA.</p> <p>Furthermore, when the Creditor Account is a Cash Account, it must have the same currency as the debited Cash Account.</p>

DCC4095	Order Type field Submit button	Floor/Ceiling configuration already exists	When performing a Rule-Based Liquidity Transfer Order Create request, there can never be more than one floor configuration debiting the same Cash Account, <u>more than one zero floor configuration debiting the same Cash Account</u> or more than one ceiling configuration crediting the same Cash Account over the same validity period.
DCU4095	Order Type field Submit button	Floor/Ceiling configuration already exists	When performing a Rule-Based Liquidity Transfer Order Create request, there can never be more than one floor configuration debiting the same Cash Account, <u>more than one zero floor configuration debiting the same Cash Account</u> or more than one ceiling configuration crediting the same Cash Account over the same validity period.

UDFS

SETT

1.4.4.4.5 Real-time settlement closure schedule

Update of the diagram 65 “**REAL-TIME SETTLEMENT CLOSURE SCHEDULE**” (PP enclosed with the CR)

Update of the diagram 66 “**REAL-TIME SETTLEMENT CLOSURE DEPENDENCIES**” (PP enclosed with the CR)

Update of table 105: add a row for the new process

TABLE 105 - DEPENDENCIES DURING THE REAL-TIME SETTLEMENT CLOSURE

T2S DETAILED PROCESSES	DEPENDENCIES	
	TYPE OF DEPENDENCY	DESCRIPTION
...		
Optional automated cash sweep	Inbound liquidity transfer cut-off completed	This process starts after the completion of the execution of inbound liquidity transfer cut-off procedures.
Liquidity rebalancing from CLM to NCB T2S dedicated cash accounts with negative balances	Inbound liquidity transfer cut-off completed	This process starts after the completion of the execution of inbound liquidity transfer cut-off procedures.
...		

Update of table 106: add a row for the new process

TABLE 106 - PROCESSES DURING THE REAL-TIME SETTLEMENT CLOSURE

T2S PROCESSES	DESCRIPTION OF THE PROCESSES
..	

Optional automated cash sweep	<p>This period determines the start of the optional automated cash sweep based on the set-up of stand-ing liquidity transfer orders.</p> <p>T2S creates cash sweep related liquidity transfers for the remaining cash of each T2S Dedicated cash account and central bank cash accounts to transfer it to the specified RTGS account.</p> <p>In parallel, T2S performs the following:</p> <p>I Settlement of:</p> <ul style="list-style-type: none"> – Settlement Instructions other than the ones for which cut-off is reached; – Securities Settlement Restrictions; – All liquidity transfers (i.e. inbound, internal and outbound); <p>I Execution of static data maintenance instructions;</p> <p>I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release Instructions;</p> <p>I Generation of reports triggered by business or time events;</p> <p>I Responses to queries received via U2A or A2A.</p>
Liquidity rebalancing from CLM to NCB T2S dedicated cash accounts with negative balances	<p>If the Central Bank has set up a Liquidity Transfer Order in CRDM, T2S triggers the rebalancing from CLM of the exact cash amount necessary to reach zero amount on the Central Bank account in T2S.</p> <p>If the liquidity cannot be transferred from CLM to T2S the affected balances exceptionally remain negative overnight.</p>
...	

2.17 End-of-Day Cash Management

2.17.2 Activity Diagram

Addition of the new activity

Addition of a new section for the new process description:

2.17.2.5 Liquidity rebalancing between CLM and NCB T2S dedicated cash accounts with negative balances

T2S identifies the Central Bank accounts with a negative balance on their deliverable cash balance.

The Liquidity rebalancing is achieved if the Central Bank has set up a Liquidity Transfer Order.

In this case, T2S triggers the rebalancing from CLM of the exact cash amount necessary to reach zero amount on the Central Bank account in T2S.

If the liquidity cannot be transferred from CLM to T2S the affected balances exceptionally remain negative overnight.

LQMG/INTF

The dedicated wording proposals will be provided during the implementation phase in November 2024

1.6.2.3 End of Day Cash Management

2.17.2.4 End of Day Liquidity Transfers

3.3.3.13 LiquidityCreditTransferV05 (camt.050.001.05)

CRDM

1.3.3.3 Description of the entities – 9 Liquidity Transfer Order

ATTRIBUTE	DESCRIPTION
[...]	
Order Type	It specifies a classification for the liquidity transfer order. The exhaustive list of possible values is as follows: <ul style="list-style-type: none"> Predefined Standing Order Rule-Based Floor Rule-Based Ceiling <u>Rule-Based zero Floor</u>
[...]	

GFS

LQMG/INTF

- 3.2.5.3 Description of the functions of the module
- 4-Create Business Payload A2A
- 3.2.5.4 Description of the Input/ Output of the module
- 3.6.7.5 Processing of UC-LT-5: End-of-Day Liquidity transfer
- 3.6.5 CB Business Procedures

Impact on message documentation on MyStandards / schema:

camt.050.001.05:

- LqdyCdtTrf: Update of the T2S-Use: In case the Liquidity Transfer is sent from T2S to the RTGS system (Outbound Liquidity Transfer) it is necessary that the receiving RTGS account is set up in ~~T2S static data CRDM~~.
The message can be used to send a liquidity pull request from T2S to the RTGS system.

head.001.001.01:

- /AppHdr/Prt: Addition to the T2S-Use: In case the message is sent as liquidity transfer pull request to a corresponding RTGS system, the code "04" will be provided. When the message is received as liquidity transfer pull response it will contain the code "104".

Preliminary assessment:

Only findings related to Case 4 apply

- **Impacted modules:** INTF (U2A, A2A?), LQMG, SETT, SDMG (CRDM)
- **Impact on other Services:** T2S-CR 720 requires a **CSLD-CR** due to impact on CLM/RTGS and DWH
- **Impact:** High

Case	Impact
Case 1	High
Case 2*	High
Case 3*	Medium
Case 4	High
All	Very high

* From SETT perspective the Cases 2 and 3 cannot be designed nor implemented separately

• **Findings:**

SETT:

- Impact must address the RTS and NTS functional processes in order to:

- Trigger upon reception of an event at the End of Day (when the NCB makes the option) the automatic generation of Rule-based Liquidity Transfers crediting a NCB cash account up to zero if its balance is negative (Case 4).

SDMG:

- New types of Liquidity Transfer Order will allow to define relationships between the cash accounts to be debited/credited in each case. Defining a LTO for a specific scenario will enable that scenario for the Cash Account. Different credited/debited account combinations may be specified, but each T2S DCA may have at most one configuration for each of the cases listed above. LTO types are to be introduced specifically for this CR.
- The solution identified for T2-T2S Consolidation does not foresee a different behaviour for CB accounts (use case 4). This would be a T2S-specific behaviour.
- Case 4: Floor mechanism for NCB Accounts
 - A specific type of Rule-Based LTO is set up to define the account to be debited when, at the End of Day, a NCB Account balance is below zero.

LQMG:

- It has to be ensured that newly created End of day processes with CLM (camt.019, camt.025) are not jeopardised by the new rule based liquidity transfers.

- **Open issues:**

- Potential performance and billing aspects have not been considered in the PA and should be clarified in the DA of T2S-0720-URD
- Which options should be configurable in A2A mode (possible A2A impact on camt.024, acmt.007/015). A2A impact is also not considered in the current PA.

Detailed assessment:

EUROSYSTEM ANALYSIS – GENERAL INFORMATION			
T2S Specific Components		Common Components	
LCMM			
	Instructions validation		
	Status management		
	Instruction matching		
	Instructions maintenance		
	Penalty Mechanism		
Settlement			
X	Standardisation and preparation to settlement		
	Night-time Settlement		
	Daytime Recycling and optimisation		
	Daytime Validation, provisioning & booking		
	Auto-collateralisation		
Liquidity Management			
X	Outbound Information Management		
X	NCB Business Procedures		
X	Liquidity Operations		
T2S Interface		Eurosystem Single Market Infrastructure Gateway (from R6.0 June 2022)	
	Communication		Communication
X	Outbound Processing		Outbound Processing
X	Inbound Processing		Inbound Processing
Static Data Management (until June 2022)		Common Reference Data Management (from R6.0 June 2022)	

	Party data management		Party data management
	Securities data management		Securities data management
	Cash account data management	X	Cash account data management
	Securities account data management		Securities account data management
	Rules and parameters data management		Rules and parameters data management
Statistics and archive		Statistics and archive	
	Statistical information (until June 2022)		Short term statistical information
	Legal archiving (until June 2022)		Legal archiving (from R6.0)
		X	Data Warehouse (from R6.0)
Information (until June 2022 containing reference data)		CRDM business interface (from R6.0 June 2022)	
	Report management		Report management
	Query management		Query management
			Communication
			Outbound Processing
			Inbound Processing
Operational Services			
	Data Migration (T2S DMT)		Data Migration (CRDM DMT, from R6.0)
	Scheduling (until June 2022)		Business Day Management (from R6.0)
			Business Day Management business interface (from R6.0)
	Billing (until June 2022)		Billing (from R6.0)
			Billing business interface (from R6.0)
	Operational Monitoring		Operational and Business Monitoring
	MOP Contingency Templates		

Impact on major documentation		
Document	Chapter	Change
Impacted URD chapter	URD: 6.2.1 Liquidity transfer order business process	
Impacted GFS chapter	INTF: 3.2.5.3 Description of the functions of the module 4-Create Business Payload A2A	Addition of new flow sent from LQMG to INTF
	3.2.5.4 Description of the Input/ Output of the module	Addition of new flow sent from LQMG to INTF
	LQMG 3.6.7.5 Processing of UC-LT-5: End-of-Day Liquidity transfer	Update the sections with the changed EoD process
	3.6.5 CB Business Procedures	
Impacted UDFS chapter	SETT: 1.4.4.4.5 Real-time settlement closure schedule	Update - Diagrams 65 & 66 - Tables 105 & 106 With the description of the new activity "Liquidity rebalancing from CLM to NCB T2S DCA with negative balances"
	LQMG: 2.17.2.4 End of Day Liquidity Transfers 1.6.2.3 End of Day Cash Management	Update the section for EoD liquidity transfers
	3.3.3.13 LiquidityCreditTransferV05 (camt.050.001.05)	Add a new usage for the pull liquidity request
	Additional	My Standards:

deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates)	head.001 camt.050	Add information that the priority tag is used to identify liquidity pull requests Update of the schema (editorial) Upload to MyStandards Add a new usage for the liquidity pull request Update of the schema (editorial) Creation of a new message example Upload to MyStandards
UHB	CRDM UHB: Section 2.3.2.8 Standing/Predefined Liquidity Transfer Order – Search/List Screen Section 2.3.2.10 Standing/Predefined Liquidity Transfer Order – New/Edit Screen Section 4.3.2.101 Standing/Predefined Liquidity Transfer Order – Search/List Screen Section 4.3.2.102 Standing/Predefined Liquidity Transfer Order – Details Screen Section 4.3.2.103 Standing/Predefined Liquidity Transfer Order – New/Edit Screen	Introduction of a new order type. Amendment of Business Rules' description in order to specify the different Rule-Based Liquidity transfers
Other impacted documentation (FA Sch. 05, FA Sch. 07)		No impact
Impacted GDPR message/ screen fields		No impact
Links with other requests		
Links	Reference	Title

OVERVIEW OF THE IMPACT OF THE REQUEST ON THE T2S SYSTEM AND ON THE PROJECT

Summary of functional, development, infrastructure and migration impacts

This CR is a complement for CR 709 which introduced the Optional Cash Sweep for Euro, but is intended for any currency settling in T2.

Regarding NCB accounts balances in euro, upon receipt of the existing Optional Cash Sweep 2 (OCS2) event, in case the NCB has subscribed, T2S (LQMG) will send a camt.050 "Pull" message to CLM to request the generation of Rule-based Liquidity Transfers crediting the cash accounts of the NCB up to zero when their balance is negative. Then, CLM will answer with a regular camt.050 message ("push") to T2S.

In the unlikely case where the camt.050 response sent by CLM reaches T2S after the ERTS event marking the end of the acceptance by SETT of the Liquidity Transfers not submitted to LTRC event, the LTs will be rejected and as an exceptional case, the balances of the concerned NCB accounts will remain negative overnight. As a consequence, a reversal LT must be generated and settled in CLM.

T2S should not depend on the availability of CLM and in case of unavailability of CLM T2S must keep running normally as usual.

Potential technical dependency with CR-0794⁷. Considering that both CR-720 and CR-794 impacts the same LQMG module, 4CB see synergies if CR-794 was feasible for the same release R2025.NOV, since the implementation and testing effort would be less than a delivery in different releases. Therefore, there is no current technical dependency with CR-794 but this could be the case if CR-794 was approved for implementation in the same release. If that was the case, both CRs could only be delivered together. If this happens, the upcoming detailed assessment of CR-0794 will reflect this point.

As DKK will migrate to T2 with CR 782, but to the Optional Cash Sweep only with CR 794, the complete functionality of CR 720 will only be available together with CR 794 for DKK.

But as soon as CR 720 is implemented negative balances during the mandatory Cash Sweep will trigger a

⁷ T2S-0794-SYS T2S settlement day processes for DKK

camt.050 pull request.

LQMG:

Based on the receipt of the OCS2 event or in case of the Mandatory Cash Sweep at EoD LQMG will check for which NCB cash account a Floor breach mark was set in CRDM. For the relevant accounts LQMG will request the negative balance from SETT and will send a camt.050 liquidity pull request to CLM. This Liquidity pull request will be identified via a code in the priority tag in the BAH.

After sending the pull request LQMG is expecting to receive a camt.050 from CLM triggering the transfer of the required amount. LQMG will ensure that these LTs are handled although they arrive after the cut-off.

To guarantee that the LTs are accepted also after the cut-off, LQMG will also need a Code word from CLM. The code of the priority tag provided by CLM is used for this, this information is sent via the INTF to LQMG.

Only the priority code "104 - (LRFB) = Rule-based liquidity transfer pull response - floor breach" will be processed, the other codes (01, 02, 07) will not be considered by T2S.

INTF:

INP

Interface receives the camt.050 from CLM with a Code in the Priority Tag of BAH. Interface then processes the Code to the LQMG backend.

OUP

Camt.050 pull request must be introduced to the Outbound processing of INTF. When the camt.050 pull request is sent to CLM the code for the usage will be in the BAH (head.001) under the priority Tag. The Interface is responsible to insert Code 04 into the Priority Tag in case of the new liquidity pull usage.

For all other camt.050 messages sent by T2S no change is foreseen. No value will be included in the priority-tag of BAH.

CRDM:

Introduction of a new order type for liquidity transfer order object. This new order type would only allow T2S NCB Account as creditor account and CLM CB account as debited account. For this order type, the fields Amount, Dedicated Amount, All Cash, Event Type, Execution Time and AS Procedure are not relevant. This means that the configuration of the triggering event of the liquidity transfers should not be performed at CRDM level but is left on T2 side.

DWH:

Change to the statistical classification framework by adding one or several additional filters.

Outstanding wording proposals for the SDD will be provided during the implementation phase in November 2024

Main Cost Drivers:

- Specification and implementation of a new process in LQMG for the "pull" liquidity transfers (e.g. retrieval of the new liquidity transfer orders from CRDM, retrieval of new balance request from SETT, handling of the OCS2 event, modification of the optional cash sweep process, Update of IDFS documentation, etc.);
- Specifications and implementation of the new process also in INTF, adaptation of the camt.050 and head.001 message;
- Specification and implementation of the new activity "Liquidity rebalancing from CLM to NCB T2S DCA with negative balances" in SETT, adjustments of the settlement day;
- Specification and implementation of the new order type for liquidity transfers in CRDM;
- Update interfaces with LQMG for handling camt.050 messages
- Introduction of a new order type for liquidity transfer order object, impacting both CRDM BE processes (Create, Update, Delete) and CRDM GUI screens (New, Edit, Search/List, Details).
- Update test cases and perform the required testing activities:
 - o Test of the new function, Optional and mandatory cash sweep (EUR and DKK) testing
 - o Testing the new inbound liquidity transfer process in a non-regression testing campaign. Execution of regression tests.

Impact on other TARGET Services and projects

No ECMS impact. Impact on T2 is reflected in the corresponding T2-0067-URD and on TIPS in TIPS-0028-URD.

Summary of project risk

No project risk has been identified during detailed assessment.

Security analysis

No adverse effect has been identified during detailed assessment.



16 October 2023

Cost assessment on Change Requests

T2S-720-SYS – Optional inbound liquidity transfer in case of negative NCB account balance at liquidity cut-off			
One-off	Assessment costs*		
	- Preliminary	2,000.00	Euro
	- Detailed	10,000.00	Euro
One-off	Development costs	630,455.07	Euro
Annual	Operational costs		
	- Maintenance costs	61,790.53	Euro
	- Running costs	0.00	Euro

*The relevant assessment costs will be charged regardless of whether the CR is implemented (Cf. T2S Framework Agreement, Schedule 7, par. 5.2.3).