



EUROPEAN CENTRAL BANK

EUROSYSTEM

General Information (Origin of Request)		
<input type="checkbox"/> User Requirements (URD) or GUI Business Functionality Document (BFD)		
<input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
Request raised by: 4CB	Institute: 4CB	Date raised: 29/04/2022
Request title: Multiplex Editorial Change Request (for R6.2)		Request ref. no: T2S 0785 SYS
Request type: Common	Urgency: Normal	
1. Legal/business importance parameter: Medium ¹	2. Market implementation efforts parameter: n/a	
3. Operational/Technical risk parameter: n/a	4. Financial impact parameter: No cost impact	
Requestor Category: 4CB	Status: Implemented	

Description of requested change:

Editorial changes regarding on GFS, UDFS and UHB (for R6.2)

Reason for change and expected benefits/business motivation:

The editorial changes relate to either the GFS v.10.2, UDFS v7.2 or UHB v7.2. Their incorporation into the GFS v10.2, UDFS v7.2 or UHB v7.2 is required for clarifying the documentation underlying the software.

Please note that the changes referring to UDFS v7.2 will also be reflected, when relevant, into the message documentation published in MyStandards.

- 1 EUROSISTEM UPDATE [CSLD-SDD CN PBR-0077, PBI-218927, PBI-219504], page 307 (GFS-chapter 3.4.7.2 Description of the module), page 606 (UDFS-chapter 1.6.1.14.5 Penalty Calculation), page 721 (UDFS-chapter 1.6.3.3.4 Reference data archiving and purging); T2S penalty mechanism - New behaviour of automatic purge for penalty mechanism related data . 3
- 2 EUROSISTEM UPDATE [CSLD-SDD CN PBR-0078, PBI-218790]: page 2314 (UDFS-chapter 4.5.3.3 Format of "Enriched Files" from CRDM to NCBs); Check on Securities Valuation price formats..... 5
- 3 EUROSISTEM UPDATE [CSLD-SDD CN PBR-0079, PBI-219587]: page 1079 (UDFS-chapter 3.2.2.3 Outbound traffic exceeding given size limitations); The current splitting for the semt.044 is not enough 6
- 4 EUROSISTEM UPDATE [CSLD-SDD CN PBR-0080, PBI-220884]: page 2308 (UDFS-chapter 4.5.2.2.1 Securities Valuations Flat File - Version A), page 2366 (UDFS-chapter 4.7.2.2 Structure), page 2376 (UDFS-chapter 4.8.2.2 Structure); T2S PROD bulk file TERR msg error6
- 5 EUROSISTEM UPDATE [CSLD-SDD CN PBR-0081, PBI-220621]: page 273 (UDFS-chapter 1.4.4.4.3 Real-time settlement dependencies), page 275 (UDFS-chapter 1.4.4.4.4 Real-time settlement processes), page 238 (UDFS-chapter 1.4.3.2 Settlement day high level processes); T2S Penalty Mechanism - Enlarge the availability of the Penalty Screens 7
- 6 EUROSISTEM UPDATE [CSLD-SDD CN PBR-0082, PBI-221249]: page 305 (GFS-chapter 3.4.7.2 Description of the module / 2 – Penalty Calculation), page 606 (UDFS-chapter 1.6.1.14.5 Penalty Calculation); Footnote in GFS and UDFS chapter 9

¹ Legal/business importance parameter was set to 'Medium' because with these editorial changes, the readability and clarity of the Scope Defining set of Documents will be improved. Also, the technical and functional documentation will be updated to be in line with the latest version of the implementation.

7 EUROSYSYSTEM UPDATE [INC-312272]: page XXX (UDFS chapter XXX); Update of sese.030 Message Example on MyStandards 10

8 EUROSYSYSTEM UPDATE [INC-319145]: page 697 (UDFS-chapter 1.6.2.7.3 Liquidity Monitoring Process); Camt.004 for T2S DCA floor breach delayed 11

9 EUROSYSYSTEM UPDATE [INC-326097]: pages 10 - 2514 (All UDFS-chapters); Update of time formats..... 12

10 EUROSYSYSTEM UPDATE [Internal Review]: page 78 (UHB-chapter 1.3.2.4 Field Types and Properties), page 874 (UHB-chapter 2.8.2.1.3 Party – New/Edit Screen); Editorial Update because of CSLD SDD-PBR-0056 12

11 EUROSYSYSTEM UPDATE [Internal Review]: page 1783 (UDFS-chapter 4.1 Index of Business Rules and Error Codes), page 933 (UHB-chapter 2.8.2.2.8 Standing/Predefined Liquidity Transfer Orders - New/Edit Screen), page 2345 (UDFS-chapter 6.5.2.122 Standing/Predefined Liquidity Transfer Order- New/Edit Screen); Editorial Update because of CSLD SDD-PBR-0058 / T2S-ICN-0012..... 13

12 EUROSYSYSTEM UPDATE [Internal Review]: page 232 (UDFS-chapter 1.4.1 T2S calendar); Editorial Update because of CR-0683/ CR-0782 17

13 EUROSYSYSTEM UPDATE [Internal Review]: page 1925 (UDFS-chapter 4.1 Index of Business Rules and Error Codes); Typo UDFS - BR LLCI009 - Error text is wrong/ not matching the BR description 17

14 EUROSYSYSTEM UPDATE [Internal Review]: page XXX (XXX); Editorial Update because of CR-0734..... 18

15 EUROSYSYSTEM UPDATE [Internal Review]: page 280 (UDFS chapter 1.4.4.4.6), page 286 (UDFS chapter 1.4.4.4.7); Editorial Update because of Questions from DKCB on T2S liquidity transfer cut-off 19

16 EUROSYSYSTEM UPDATE [Internal Review]: page 599 (UDFS-chapter 1.6.1.14.4 Penalty Eligibility); Editorial Update - typo UDFS section 1.6.1.14.4 Penalty Eligibility 20

17 EUROSYSYSTEM UPDATE [INC000000323308], page 2440 (UDFS-chapter 4.10.1.3.5 Daily Penalty List- Flat File Format Specifications – Format of Records)..... 20

18 EUROSYSYSTEM UPDATE [INC000000323308], page 2408 (UDFS-chapter 4.10.1.3.5 Daily Penalty List- Flat File Format Specifications – Format of Records), page 2452 (UDFS-chapter 4.10.2.3.5 List of Modified Penalties - Flat File Format Specifications – Format of Records), page 2504 (UDFS-chapter 4.10.3.3.5 Monthly Aggregated Amounts - Flat File Format Specifications – Format of Records),..... 21

Proposed wording for the change request:

1 EUROSYSTEM UPDATE [CSLD-SDD CN PBR-0077, PBI-218927, PBI-219504], page 307 (GFS-chapter 3.4.7.2 Description of the module), page 606 (UDFS-chapter 1.6.1.14.5 Penalty Calculation), page 721 (UDFS-chapter 1.6.3.3.4 Reference data archiving and purging); T2S penalty mechanism - New behaviour of automatic purge for penalty mechanism related data

PBI000000219504: The automatic purge of Static Data, as per the current design, acts by physically removing records that are in a “deleted” logical status once they have reached the predefined retention period. Since the purge does not remove records in an “active” deletion status, such records are kept in the tables indefinitely. Given the amount of data stemming from the Penalty Mechanism, the aforementioned principle is not adequate to keep the T2S database within its volumetric limits. Therefore the logic will be changed for Daily Price data specifically, in order to physically remove entries, regardless of deletion status, that are no longer used for computations (i.e. past their retention period and for which more recent data is available so that they are no longer relevant for the Penalty Mechanism). This new logic will aim at purging data after the first retention period from the start of the dry run has elapsed (+3 months from the creation of the record, executed on a daily basis).

PBI000000218927: The Penalty Calculation for LMFPs on SIs with ISD more than 40 calendar days in the past will be updated, so they are calculated using, for the business days that are before the last 40 calendar days: the reference data of the business day equal to current business day minus 40 calendar days (i.e. setting the border for the date in 40 days instead of in 92 calendar days because the other 52 days are kept for updates and recalculations).

GFS-chapter 3.4.7.2 Description of the module, page 307

[...]

2 – Penalty Calculation

[...]

Sub-amount Preparation:

Reference Id

LCMM.PEM.CAL.4.1.

Upon reception of the Sub-amounts of a Penalty, either from the Penalties Preparation sub-function or from the Selection for Recalculation function, this sub-function retrieves all the necessary information for each of them.

First, the sub-function checks if the Security is Subject to Penalties for each Sub-amount (i.e. for the Date of each Sub-amount) and stores the result in the Security subject to penalties flag of the relevant Sub-amount.

- For Sub-amounts with Security subject to penalties flag is “False” the processing ends.
- For each Sub-amount with Security subject to penalties flag “True”, the sub-function retrieves and stores the necessary Penalty Reference Data for Securities attributes and Reference data information to calculate the Penalty. Note that in case of LMFPs, if any of the Sub-amounts has a Date before 40 days in the past the Date used to cope with Reference Data purged or Retention Date (e.g.: Sub-amount Date is “d-98”, being “d” the current business day), the Penalty Reference Data retrieved and stored for calculation is the first available one (T2S.22.240) i.e.: data from “d-4090”.

UDFS-chapter 1.6.1.14.5 Penalty Calculation, page 606

[...]

TABLE 143 - FORMULA FOR EACH CALCULATION METHOD

The required reference data for the Calculation Method (and if needed foreign exchange rates) is retrieved taking into account that the maximum period reference data remains in the system without being purged is 3 calendar months, and that a penalty can be 52 calendar days in its appeal period. Consequently, in case a Settlement Instruction is matched in T2S with an ISD more than 40^{FootnoteXXX} 3 calendar days months in the past (i.e.: in case of a LMFP), T2S will compute the LMFP:

- Using, for the business days that are within the last 40 3 calendar days months, the reference data of the corresponding business day; and
- Using, for the business days that are before the last 40 3 calendar days months, the reference data of the business day equal to current business day minus 40 90 calendar days.

Footnote XXX: 40 being the result of subtracting the 52 calendars a penalty can be in its appeal period, to the 92 calendar days set as Retention Period.

[...]

UDFS-chapter 1.6.3.3.4 Reference data archiving and purging, page 721

The purge process applies in different ways, depending on the type of reference data object. More precisely:

- [...]
- T2S can purge some reference data objects without the need for these objects to be deleted by a duly authorised user. For example, T2S can purge an eligible counterpart CSD link, a daily price or a securities valuation even if they have not been deleted. More precisely, T2S purges these reference data objects three calendar months after the end of their validity period. In this case the triggering condition is the expiration of the validity period. In this case the triggering condition is the expiration of the validity period. In the specific case of daily prices, data is retained if still relevant for penalty calculations (i.e. if no newer applicable prices covering the retention period have been provided for the same ISIN).

The following table shows the condition triggering the purge process for each reference data object in T2S:

Table 162 – Purge Triggering Conditions

AREA	OBJECT	TRIGGERING CONDITION
[...]		
Securities penalty data	Securities subject to cash penalties Security penalty rate Cash discount penalty rate Daily price SME Growth market Euro Foreign Exchange Reference Rate	Deletion Deletion Deletion Deletion <u>End of validity period and applicability</u> ^{FootnoteXXX} Deletion Deletion
[...]		

Footnote XXX: A Daily Price is considered no longer applicable when its value is not used for dates within the three months prior to the current business date. Since Daily Price data is replicated daily if newer values are not provided, a single Daily Price would remain applicable for a given ISIN until a newer one also covering at least the three-month period prior to the current business date is created.

2 EUROSYSTEM UPDATE [CSLD-SDD CN PBR-0078, PBI-218790]: page 2314 (UDFS- chapter 4.5.3.3 Format of “Enriched Files” from CRDM to NCBs); Check on Securities Valuation price formats

The securities valuations fields for prices and own prices sent using the “Securities Valuation Bulk File” might contain a format not compliant with the one defined at U2A/A2A level. In this case, the checks performed for this fields within the bulk file are erroneously not rejecting them and leading to load values with a wrong format. These checks will be enhanced so that these wrong records are rejected with a new error description indicating the reason.

After the fix the following way of filling in these fields of the “Securities valuation bulk file” will still be valid:

Field number 6: “Price coefficient” value: 012345678901234567

Field number 7: “Number of decimal digits for Price as coefficient” value: 0017

and leading to the Valuation Price (as coefficient) of the Securities Valuation being stored as 0,12345678901234567.

[...]

FLAT FILE COLUMN	FIELD	POSSIBLE VALUES	DESCRIPTION	RULES
[...]				
11	Error Description		Description of the error.	
		[...]		
		Price not compliant with Securities Settlement Type	When performing a Securities Valuation Create request, the value provided for the Price and Own-Used Asset Type must be compliant with the Securities Settlement Type.	
		<u>Price format limitation exceeded</u>	<u>When performing a Securities Valuation Create request, the values provided for Price and Own-Use Price fields must be compliant with the following limitations:</u> <u>Amounts up to 18 digits, including decimal point, of which up to 5 decimals</u> <u>Percentages up to 18 digits, including decimal point, of which up to 17 decimals</u>	
[...]				

UDFS-chapter 1.4.4.4 Real-time settlement processes, page 275

TABLE 104 - PROCESSES DURING THE REAL-TIME SETTLEMENT

T2S PROCESSES	DESCRIPTION OF THE PROCESSES
[...]	[...]
Deadline for provision of penalty modification requests	All the processes available during the real-time settlement period are also available. Additionally: At 9:00 a.m., final deadline for provision of penalty modification requests for current day's processing Processing of remaining penalty modification requests received before the deadline
[...]	[...]

UDFS-chapter 1.4.3.2 Settlement day high level processes, page 238

TABLE 95 - SETTLEMENT DAY HIGH LEVEL PROCESSES

T2S TIMELINE	T2S PERIODS	HIGH LEVEL DESCRIPTION
[...]	[...]	[...]
5:00 a.m. (or after NTS if NTS ends before 3:00 a.m.) – 6:00 p.m.	Real-time settlement (RTS)	<p>The real-time settlement period including:</p> <ul style="list-style-type: none"> • The real-time settlement preparation; • Penalty mechanism processing: <ul style="list-style-type: none"> - At 7:30 a.m., a final deadline for provision to accept penalty reference data to be used in current day’s penalty calculation and recalculation processes: <ul style="list-style-type: none"> (i) Securities subject to penalties information; (ii) Updated historic (former) prices for penalties; (iii) Daily prices for penalties. - At 7:30 a.m., start of the penalty reference data preparation processing ; - At 8:30 a.m., a final deadline for completing the penalty eligibility (starting at 7:30p.m or after the end of the Start of Day processes if they are completed afterwards); - At 8:30 a.m. of the 14th business day of the month, start of the monthly reporting of aggregated amounts of penalties (to be completed by 9:30 p.m.); - At 9:00 a.m. <u>After the completion of the penalty reference data preparation</u>, a final deadline for provision of penalty modification requests to be considered in current day’s penalty processes; - After the completion of the penalty reference data preparation, the processing of penalty modification requests submitted before the deadline, and the penalty eligibility, but not before 9:15 a.m., start of the Calculation, Recalculation and reporting of new and modified penalties; - On the 13th business day of the month, after the Recalculation is completed, start the end of appeal period process followed by the calculation of monthly aggregated amounts of penalties (to be completed by 8:30 a.m. on the next business day); • The real-time settlement with 5 partial settlement windows; • The real-time settlement closure.
[...]	[...]	[...]

6 EUROSYSTEM UPDATE [CSLD-SDD CN PBR-0082, PBI-221249]: page 305 (GFS-chapter 3.4.7.2 Description of the module / 2 – Penalty Calculation), page 606 (UDFS-chapter 1.6.1.14.5 Penalty Calculation); Footnote in GFS and UDFS chapter

For the calculation of LMFPs on settlement instructions with ISD prior the entry into force of the CSDR (1 Feb 2022), the applicable business days of the LMFP will be calculated starting from the entry into force date, instead of from the ISD of the underlying settlement instruction.

A new System Parameter will be used to store the “CSDR Entry into force date” so that the penalty calculation will take into account this parameter, avoiding to compute sub-amounts for business days prior the “CSDR Entry into force date”.

GFS-chapter 3.4.7.2 Description of the module / 2 – Penalty Calculation, page 305

Penalty Preparation:

Reference Id **LCMM.PEM.CAL.3.1.**

For each Penalty to be (re)calculated, this sub-function identifies the Number of business days, and generates the corresponding Sub-amounts:

- For “SEFP” Penalties, the Number of business days is always one, i.e. the applicable business day is the Detection date of the Penalty {T2S.22.115}.
- For “LMFP” Penalties, the sub-function counts the applicable business days from the Intended Settlement Date^{FootnoteXX} of the underlying Settlement Instruction, until the following date:

[...]

FootnoteXX : In case the Intended Settlement Date of the underlying Settlement Instruction is prior the CSDR Entry into force Date, for « LMFP » Penalties, the sub-function counts the applicable business days from the CSDR Entry into force Date.

UDFS-chapter 1.6.1.14.5 Penalty Calculation, page 606

The Penalty amount will be the sum of as many sub-amounts as business days the Penalty applies to. I.e.:

- A SEFP always applies to a single business day (therefore it has a single sub-amount), which is the detection date of the Penalty. It is worth mentioning that a Settlement Instruction may have several SEFPs if it fails to settle in T2S on several business days. Each SEFP will be computed for each business day the Settlement Instruction fails in T2S.
- A LMFP applies to each business day when the Settlement Instruction was due to settle according to the T2S calendar²⁹⁸, i.e.:
 - The business days as from the ISD^{FootnoteYY} until, and including, the business day when the instruction is matched, in case that the instruction is matched after its relevant cut-off²⁹⁹;
 - The business days as from the ISD^{FootnoteYY} until, and excluding, the business day when the instruction is matched in case that the instruction is matched before its relevant cut-off.

FootnoteYY: for Settlement Instructions with Intended Settlement Date prior the Entry into Force of the CSDR, the sub-amounts of a LMFP will apply from the Date of the Entry into Force of the CSDR.

7 EUROSYSTEM UPDATE [INC-312272]: page XXX (UDFS chapter XXX); Update of sese.030 Message Example on MyStandards

The sese.030 message example related to partial release in MyStandards must be corrected: the value for the hold indicator must be set to ‘false’ instead of ‘true’

```
<Document>
<SctiesSttlmCondsModReq>
<AcctOwnr>
<Id>
<AnyBIC>PRTYABICXXX</AnyBIC>
</Id>
</AcctOwnr>
<SfkpgAcct>
<Id>1000005566</Id>
</SfkpgAcct>
<ReqDtls>
<Ref>
<MktInfrstrctrTxId>T2SREF009876</MktInfrstrctrTxId>
</Ref>
<HldInd>
```

```

<Ind>true false</Ind>
<Rsn>
<Cd>
<Cd>PTYH</Cd>
</Cd>
</Rsn>
</HldInd>
</ReqDtIs>
<AddtlInf>
<Qty>
<Unit>20000</Unit>
</Qty>
</AddtlInf>
</SciesSttlmCondsModReq>
</Document>

```

8 EUROSYSTEM UPDATE [INC-319145]: page 697 (UDFS-chapter 1.6.2.7.3 Liquidity Monitoring Process); Camt.004 for T2S DCA floor breach delayed

The floor and ceiling notification process description should be corrected so that to state that no notification is sent when cash balances exactly meet the floor or ceiling amount

[UDFS-chapter 1.6.2.7.3 Liquidity Monitoring Process, page 697](#)

Notifications

T2S provides notifications, which are automatically generated. The notifications are available in A2A context only and are sent if required from the T2S Actor. These messages are forwarded to a T2S Actor, if the latter is allowed to receive the information and according to his message subscription rules stored in T2S Static 15 Data. In the field of Liquidity Monitoring the following notifications are available:

- Debit/Credit Notification: T2S generates Debit Notifications and Credit Notifications reflecting the respective movements on T2S Dedicated Cash Accounts, i.e. which account was credited/ debited by which amount. These notifications are sent to the owners of the respective accounts as soon as the settlement 19 within T2S takes successfully place. For further details please refer to sections Liquidity Transfer, Send immediate liquidity transfer, Execution of Liquidity Transfer from RTGS to T2S and Execution of Standing and Predefined Liquidity Transfer Orders from T2S to RTGS;
- Floor/Ceiling notification: In order to monitor a T2S Dedicated Cash Account balance the T2S Actor can set limits which are to be stored in T2S Static Data, i.e. a specific floor (minimum amount) and / or a ceiling (maximum amount) referring to a specific account. In case a posting results in a balance exceeding the defined ceiling limit or the balance falls under the defined floor limit, T2S sends an appropriate notification to the T2S Actor concerned stating the balance. ~~Also cash balances, which meet exactly the Floor-/Ceiling amount result in a notification.~~

No notification is sent when cash balances exactly meet the floor or ceiling amount

9 EUROSYSTEM UPDATE [INC-326097]: pages 10 - 2514 (All UDFS-chapters); Update of time formats

The UDFS uses the English and European time formats simultaneously. Preferably, the European time format should be used throughout the UDFS. Furthermore Diagram 55 – High Level Schedule of a Settlement Day should be updated to indicate that NTS starts at 20:00 CET.

Please replace all English time formats in the UDFS by European time formats (e.g. 9:30 a.m. by 9:30 and 2:00 p.m. by 14:00) whenever applicable.

10 EUROSYSTEM UPDATE [Internal Review]: page 78 (UHB-chapter 1.3.2.4 Field Types and Properties), page 874 (UHB-chapter 2.8.2.1.3 Party – New/Edit Screen); Editorial Update because of CSLD SDD-PBR-0056

Only values compliant with the necessary format can be configured in CRDM for telephone numbers, fax numbers and e-mail address in CRDM for Party and Invoice Configuration. Before this SDD-CN, the validation performed by the CRDM U2A interface was incorrect, allowing the insertion of values with wrong format not suitable to be reported in outbound. In order to allow the correct A2A and U2A management of Party and Invoice, this SDD-CN introduces some changes on the CRDM U2A documentation and on the CRDM U2A software which allow only the creation of values with the correct format.

UHB-chapter 1.3.2.4 Field Types and Properties, page 78

[...]

There are different type of numeric field. In general these fields, in edit mode, can contain only numbers and “-” symbol.

Field	Description	Edit mode	New mode
[...]			
Telephone Number	Shall contain numbers from 0 to 9 and chars “+”, “-”, “(”, “)”. When using this type, the following pattern shall be respected: Starting with “+” Then at least one to maximum three digits Then symbol “-” Then at least one to maximum thirty characters (digits and symbols “+”, “-”, “(”, “)”) are allowed).	Numbers and chars “+”, “-”, “(”, “)” are allowed.	The chars “+”, “-”, “(”, “)” are shown (e.g. '+012-3456789').

[...]

UHB-chapter 2.8.2.1.3 Party – New/Edit Screen, page 874

Party Contact	
[...]	
Office Telephone Number	Enter the office Telephone Number of the Party Contact. Required format is: <u>Telephone Number</u> max. 35x characters.
Mobile Number	Enter the mobile Number of the Party Contact.

	Required format is: <u>Telephone Number</u> max. 35x characters.
E-mail address	Enter the e-mail address of the Party Contact. Required format is: max. 254x characters, SWIFT-x including \!#\$%&*^_{}~";<>@[].

11 EUROSYSTEM UPDATE [Internal Review]: page 1783 (UDFS-chapter 4.1 Index of Business Rules and Error Codes), page 933 (UHB-chapter 2.8.2.2.8 Standing/Predefined Liquidity Transfer Orders - New/Edit Screen), page 2345 (UDFS-chapter 6.5.2.122 Standing/Predefined Liquidity Transfer Order- New/Edit Screen); Editorial Update because of CSLD SDD-PBR-0058 / T2S-ICN-0012

The selection of the "Predefined" Order Type must not be possible when creating a Liquidity Transfer Order for debited account different from T2S DCA or T2S CB Account. Moreover, currently it is not possible to create a Standing/Predefined Liquidity Transfer Order without selecting at least one between "Execution Time" and "Event Type". This lead to inconsistent situation when the desired trigger is the "AS Procedure". The Change will allow to select only one among the Execution Time, Event Type and AS Procedure when creating a Standing/Predefined Liquidity Transfer Order. Furthermore the "Execution Time" will be only available when the debited account is a T2S DCA or a T2S CB Account.

While the editorial changes regarding fields "Amount" and "Valid To" will be available in UHB.

UDFS-chapter 4.1 Index of Business Rules and Error Codes, page 1783

BR NAME	DESCRIPTION	INBOUND MESSAGE	REPLY MESSAGE	CODE USE	REASON CODE	ERROR TEXT
[...]						
DCC4070	When performing a Standing or Predefined Liquidity Transfer Order Create request, the specified Cash account to be debited must refer to an existing, active and open instance in CRDM with cash account type RTGS DCA, RTGS Sub-Account, RTGS Central Bank Account, Ancillary System Technical Account, MCA, Overnight Deposit Account, Marginal Lending Account, CLM Central Bank Account, Central Bank ECB Account, T2S	camt.024	camt.025		REJT	Invalid T2S <u>Dedicated Debited</u> Cash Account

	Dedicated Cash Account, T2S Dedicated Transit Account or T2S Central Bank Account.					
<u>DCC4071</u>	<u>When performing Predefined Liquidity Transfer Order Create request, the specified Cash account to be debited must refer to an existing, active and open instance in CRDM with cash account type T2S Dedicated Cash Account or T2S Central Bank Account.</u>	<u>camt.024</u>	<u>camt.025</u>		<u>REJT</u>	<u>Invalid Debited Cash Account</u>
[...]						

UHB-chapter 2.8.2.2.8 Standing/Predefined Liquidity Transfer Orders - New/Edit Screen, page 933

Standing/Predefined Liquidity Transfer Order	
[...]	
Valid To	<p>Enter the closing date of the Liquidity Transfer Order or use the calendar icon.</p> <p>The "valid to" date, when present, must be equal to or greater than the current date and <u>equal to or greater than the "ValidFrom" date</u>.</p> <p>Reference for error message [] 2344]:</p> <p>DCC4121 DCU4010 DCU4130</p> <p>Required format is: Date.</p>
Amount	<p>Enter the amount of the Liquidity Transfer Order.</p> <p>Reference for error message [] 2344]:</p> <p>DCC4091 DCC4092 DCC4093 DCC4800 DCU4092 DCU4093 DCU4800</p> <p>This field is mandatory if Order Type is "Standing" or "Pre-defined" and "<u>All Cash</u>" is set to "No". It is disabled and empty otherwise.</p> <p>Required format is: Amount.</p>
[...]	
Event Type	<p>Select the event type code that trigger the Liquidity Transfer Order.</p> <p>The field displays the subset of allowed business events for the setup of liquidity transfer orders.</p> <p>Reference for error message [] 2344]:</p> <p>DCC4081 DCC4200 DCC4210 DCU4081 DCU4200 DCU4210</p> <p>The field is mandatory if the trigger condition of the Liquidity Transfer Order is an event.</p> <p>The field is blank and disabled if <u>one between the 'Execution Time' and "AS Procedure" field is filled in.</u></p> <p>This field depends on the selected debited cash account number. This field is only allowed for "Standing" and "Pre-defined" Order Types. It is disabled and empty otherwise.</p>

Execution Time	<p>Enter the Execution Time that trigger the Liquidity Transfer Order.</p> <p><u>The field is blank and disabled if one between 'Event Type' and "AS Procedure" is filled in.</u></p> <p>The field is not filled in case it is specified the event type of the Liquidity Transfer Order.</p> <p>The field is mandatory if the trigger condition of the Liquidity Transfer Order is not an event.</p> <p>This field is only allowed for "Standing" and "Predefined" Order Types <u>and if the debited account is a T2S DCA or T2S Central Bank Account.</u> It is disabled and empty otherwise.</p>
[...]	
Debited Cash Account Number	<p>Enter or select the number of the Debtor Cash Account.</p> <p>The debited cash account can be chosen also among the ones for which the Party of user is co-manager.</p> <p>Reference for error message [] 2344]:</p> <p>DCC4069</p> <p>DCC4070</p> <p><u>DCC4071</u></p> <p>DCC4082</p> <p>DCC4085</p> <p>DCC4185</p> <p>DCU4082</p> <p>This field is mandatory in create mode.</p> <p>This field is read only in edit mode.</p> <p>Required format is: max. 34x characters.</p>
AS Procedure	<p>Select the Ancillary System Procedure. Possible values:</p> <ul style="list-style-type: none"> • Procedure C automated • Procedure C manual • Procedure D automated <p>Reference for error message [] 2344]:</p> <ul style="list-style-type: none"> • DCC4201 • DCU4201 <p><u>The field is blank and disabled if one between 'Event Type' and "Execution Time" is filled in.</u></p> <p>This field is only allowed for CLM and RTGS debited ac count.</p> <p>This field is only allowed for "Standing" and "Predefined" Order Types <u>and if the debited account is an RTGS DCA or RTGS CB Account.</u> It is disabled and empty otherwise.</p>

UHB-chapter 6.5.2.122 Standing/Predefined Liquidity Transfer Order- New/Edit Screen, page 2345

Reference for error message	Field or Button	Error Text	Description
[...]			
DCC4070	Debited Cash Account Number field Submit button	Invalid Debited Cash Account	When performing a Standing or Predefined Liquidity Transfer Order Create request, the specified Cash account to be debited must refer to an existing, active and open instance in CRDM with cash account type RTGS DCA, RTGS Sub-Account, RTGS Central Bank Account, Ancillary System Technical Account, MCA, Overnight Deposit Account, Marginal Lending Account, CLM Central Bank Account, Central Bank ECB Account, T2S Dedicated Cash Account, T2SDedicated Transit Account or T2S Central Bank Account.
<u>DCC4071</u>	<u>Debited Cash Account Number field</u> <u>Submit button</u>	<u>Invalid Debited Cash Account</u>	<u>When performing Predefined Liquidity Transfer Order Create request, the specified Cash account to be debited must refer to an existing, active and open instance in CRDM with cash account type T2S Dedicated Cash Account or T2S Central Bank Account.</u>
[...]			

12 EUROSYSTEM UPDATE [Internal Review]: page 232 (UDFS-chapter 1.4.1 T2S calendar); Editorial Update because of CR-0683/ CR-0782

Footnote 165 needs to be deleted as the main text of the UDFS is self-explanatory and therefore sufficient.

Footnote 165: ~~On 1 May and Easter period, T2S will be available but with limited support services.~~

13 EUROSYSTEM UPDATE [Internal Review]: page 1925 (UDFS-chapter 4.1 Index of Business Rules and Error Codes); Typo UDFS - BR LLCI009 - Error text is wrong/ not matching the BR description

The current error text of the business rule LLCI009 does not match the BR description and therefore needs to be changed in order to be consistent with the description.

BR NAME	DESCRIPTION	INBOUND MESSAGE	REPLY MESSAGE	CODE USE	REASON CODE	ERROR TEXT
[...]						
LLCI009	Any Liquidity Transfer arriving	camt.050	camt.025		L013	LT sent between

	<p>in T2S after the Business date change and prior to the Liquidity Transfer cut-off is processed, otherwise the incoming Liquidity Transfer will be rejected. This business rule is not applicable for internal Liquidity Transfers between a RTGS Dedicated Transit Account and a Dedicated Cash Account. In case of delays in the Start of Day incoming Inbound Liquidity Transfers will be parked until the new business date is reached.</p>					<p>Liquidity Transfer cut off and Business Date Change. <u>Instructing Party of an Internal LT crediting an RTGS DTA is not identical with the Account holder in case of rebooking.</u></p>
[...]						

14 EUROSYSTEM UPDATE [Internal Review]: page XXX (XXX); Editorial Update because of CR-0734

It is necessary to adapt the camt.004 (Return Account), camt.052 (Bank To Customer Account Report) and camt.053 (Bank To Customer Statement) messages. As in other cash and reference data messages the specification of the Amount fields shall be increased to 18,2 characters.

3.3.3.2.3 The message in business context (camt.004)

[...]

Specific message requirements

When T2S sends a T2S Dedicated Cash Account Balance Query Response message, the field Request Type is filled with "CASB" code. The returned business data is listed below.

MESSAGE ITEM	DATA TYPE/CODE	UTILISATION
Identification Document/RtrAcct/MsgHdr/ReqTp/Prtry/Id	QueryType2Code_T2S_2	CASB
Identification Document/RtrAcct/RptOrErr/AcctRpt/AcctId/Othr/Id	RestrictedFINX2Max34Text	T2S dedicated cash account number
Currency	ActiveOrHistoricCurrencyCode	T2S Settlement Currency

Document/RtrAcct/RptOrErr/AcctRpt/AcctOr Err/Acct/Ccy		
AnyBIC Document/RtrAcct/RptOrErr/AcctRpt/AcctOr Err/Acct/Ownr/Id/OrgId/AnyBIC	AnyBICIdentifier	Party BIC
BICFI Document/RtrAcct/RptOrErr/AcctRpt/AcctOr Err/Acct/Svcr/FinInstnId/BICFI	BICFIIdentifier	NCB BIC
Amount Document/RtrAcct/RptOrErr/AcctRpt/AcctOr Err/Acct/MulBal/Amt	RestrictedFINImpliedCurrencyAndAmou nt <u>T2S_Max18_Max2DecimalAmountImple dCurrency</u>	Amount of the balance type specified in the Tp/Prtry tag

15 EUROSYSTEM UPDATE [Internal Review]: page 280 (UDFS chapter 1.4.4.4.6), page 286 (UDFS chapter 1.4.4.4.7); Editorial Update because of Questions from DKCB on T2S liquidity transfer cut-off

The inbound liquidity transfer cut-off and LTRC are the same. The inbound liquidity transfer cut-off refers to inbound, internal and outbound LTs. In this context inbound means incoming, this seems unfortunately a bit misleading and has to be corrected.

TABLE 105 - DEPENDENCIES DURING THE REAL-TIME SETTLEMENT CLOSURE

T2S DETAILED PROCESSES	TYPE OF DEPENDENCY	DESCRIPTION
[...]		
Execute incoming inbound liquidity transfer cut-off procedure		In case of emergency situations a change of incoming inbound liquidity transfers cut-off is only possible according to a process to be defined in the T2S MOP.
[...]		

TABLE 106 - PROCESSES DURING THE REAL-TIME SETTLEMENT CLOSURE

T2S PROCESSES	DESCRIPTION OF THE PROCESSES
[...]	
Execute incoming inbound liquidity transfer cut-off procedure	Cut-off to differentiate the eligibility of incoming inbound liquidity transfers for settlement during the current settlement day: I T2S settles any liquidity transfers validated and accepted prior to the beginning of this cut -off;

	<p>I T2S rejects any <u>incoming</u> inbound liquidity transfers received after this cut-off. In parallel, T2S performs the following: I Settlement of: – Settlement Instructions other than the ones for which cut-off is reached; – Securities Settlement Restrictions; I Execution of static data maintenance instructions; I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release Instructions; I Generation of reports triggered by business or time events; I Responses to queries received via U2A or A2A.</p>
[...]	

16 EUROSYSTEM UPDATE [Internal Review]: page 599 (UDFS-chapter 1.6.1.14.4 Penalty Eligibility); Editorial Update - typo UDFS section 1.6.1.14.4 Penalty Eligibility

When the SETT module reports to the LCMM module the business rule SPST0032, the reason code reported is LINK and not OTHR. However, the reason code for BR SPST0032 is OTHR in UDFS-chapter 1.6.1.14.4 Penalty Eligibility and needs to be consequently replaced by LINK.

Reason Code	Description of the Error	Eligibility Result
[...]		
OTHR <u>LINK</u>	SPST032 - Settlement Instruction or settlement restriction is unsettled because it states a link <u>WITH</u> or <u>BEFORE</u> an instruction or a restriction that is not eligible for settlement	TRUE
[...]		

17 EUROSYSTEM UPDATE [INC000000323308], page 2440 (UDFS-chapter 4.10.1.3.5 Daily Penalty List- Flat File Format Specifications – Format of Records)

The length of the field 'Cash Discount Penalty Rate' within the block Calculation Data in the Daily Penalty List- Flat File Format Specifications is to be corrected and set as '14' characters, rather than '5'.

UDFS-chapter 4.10.1.3.5 Format of Records, page 2440

Record Type	Field Number	Field Name	Data Format	Length	Description	Field Type	Additional Information
[...]							
Calculation Data	20	Cash Discount	NUMERIC(p)	5 <u>14</u>	It is the discount rate of	C	Provided in case the security

		Penalty Rate			the relevant currency for the business day, as a percentage, that is, in hundredths, for example, 0.7 is 7/10 of a percent, and 7.0 is 7%		is subject to penalties and Calculation method code is CASH, MIXE or BOTH.
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18 EUROSYSTEM UPDATE [INC000000323308], page 2408 (UDFS-chapter 4.10.1.3.5 Daily Penalty List- Flat File Format Specifications – Format of Records), page 2452 (UDFS-chapter 4.10.2.3.5 List of Modified Penalties - Flat File Format Specifications – Format of Records), page 2504 (UDFS-chapter 4.10.3.3.5 Monthly Aggregated Amounts - Flat File Format Specifications – Format of Records),

The Additional Information of the field 'Report Activity Indicator' in the Header of the Daily Penalty List- Flat File Format Specifications, in the List of Modified Penalties - Flat File Format Specifications and in the Monthly Aggregated Amounts - Flat File Format Specifications, is to be corrected to indicate that the value is 'False' (instead of 'No') when meaning 'No'.

UDFS-chapter 4.10.1.3.5 Format of Records, page 2408

Record Type	Field Number	Field Name	Data Format	Length	Description	Field Type	Additional Information
[...]							
Header	8	Report Activity Indicator	CHAR(n)	5	It indicates whether the messages contains records or not.	M	Possible values are: 'True' - Meaning 'Yes'. 'False' - Meaning 'No'. E.g. if no new penalty is computed for a given day, the CSD will get from T2S

							a Daily Penalty List message with activity 'False No'.
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UDFS-chapter 4.10.2.3.5 Format of Records, page 2452

Record Type	Field Number	Field Name	Data Format	Length	Description	Field Type	Additional Information
[...]							
Header	9	Report Activity Indicator	CHAR(n)	5	It indicates whether the messages contains records or not.	M	Possible values are: 'True' - Meaning 'Yes'. 'False' - Meaning 'No'. E.g. if no new penalty is computed for a given day, the CSD will get from T2S a Daily Penalty List message with activity 'False No'.

UDFS-chapter 4.10.3.3.5 Format of Records, page 2504

Record Type	Field Number	Field Name	Data Format	Length	Description	Field Type	Additional Information
[...]							
Header	7	Report Activity Indicator	CHAR(n)	5	It indicates whether the messages contains	M	Possible values are: 'True' - Meaning

					records or not.		'Yes'. 'False' - Meaning 'No'. E.g. if no new penalty is computed for a given day, the CSD will get from T2S a Daily Penalty List message with activity 'False No'.
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Outcome/Decisions:

- *CRG on 07 June 2022: the CRG agreed to recommend CR-785 for authorisation by the T2S Steering Level and agreed on the inclusion of the underlying changes in the T2S documentation for R6.2.
- * AMI-SeCo on 21 June 2022: the AMI-SeCo agreed with the CRG recommendation of CR-785 for T2S Steering Level Authorisation.
- * CSG on 23 June 2022: the CSG agreed to authorise CR-785 and approved the inclusion of CR-785 in the scope of R6.2.
- * NECSG on 23 June 2022: the NECSG agreed to authorise CR-785 and approved the inclusion of CR-785 in the scope of R6.2.
- * MIB on 30 June 2022: the MIB agreed to authorise CR-785 and approved the inclusion of CR-785 in the scope of R6.2.

Documentation to be updated:

GFS, UDFS and UHB (for R6.2)

Preliminary assessment:

Not applicable (Editorial CR)

Detailed assessment:

Not applicable (Editorial CR)