FUROSYSTEM

T2S CHANGE REQUEST FORM						
General Information (Origin	General Information (Origin of Request)					
☐ User Requirements (URD) or GUI Busine	ss Functionalit	y Document (Bl	FD)		
☑ Other User Functional or	Technical Docur	mentation (SYS	S)			
Request raised by: 4CB						
Request title: Multiplex Editorial Change Request (for R20)			23.NOV)	Request ref. no: T2S 0808 SYS		
Request type: Common	Classification: Maintenance Urgency: Normal			Urgency: Normal		
1. Legal/business importance parameter¹: Medium			2. Market im	plementation efforts parameter: n/a		
3. Operational/Technical risk parameter: n/a			4. Financial i	mpact parameter: No cost impact		
Requestor Category: 4CB			Status: Alloc	ated to a Release		

Description of requested change:

Editorial changes regarding on UDFS and UHB (for R2023.NOV)

Person for change and expected honefite/hyrainese metivation.

Reason for change and expected benefits/business motivation:

The editorial changes relate to either the UDFS or UHB for R2023.NOV. Their incorporation into the UDFS or UHB for R2023.NOV is required for clarifying the documentation underlying the software.

Please note that the changes referring to UDFS for R2023.NOV will also be reflected, when relevant, into the message documentation published in MyStandards.

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.

6	EUROSYSTEM UPDATE [SDD-PBR-0097] page 386. (UHB chapter 2.3.2.3 Immediate Liquidity Transfers - Search/List Screen), page 394 (UHB chapter Immediate Liquidity Transfer - Details Screen) 2.3.2.4 Value "RBOK" is not understood by the GUI as Status Value on Immediate Liquidity Transfer Details screen and accordingly in the corresponding camt.006 'ReturnTransaction' message
7	EUROSYSTEM UPDATE [SDD-PBR-0098] page 2276 (UDFS chapter 4.1 Index of Business Rules and Error Codes), Procedure for Liquidity Transfers arriving after cut-off
8	EUROSYSTEM UPDATE [SDD-PBR-0100], page 378 (CRDM UDFS-chapter 3.1.3.14.2 SecurityMaintenanceRequest (reda.007)), page 586 (CRDM UDFS-chapter 5.1 Business Rules), page 652 (CRDM UDFS-chapter 5.3.3.3.1 Status and error supplementary fields (Securities Subject to cash penalties bulk file format specifications), page 50 ff. (CRDM UHB Book 2 chapter 2.2.2.7 Security – New/Edit Screen), page 98 (CRDM UHB Book 2-chapter 2.2.2.18 Securities Subject to Cash Penalties – Search/List Screen), page 104 (CRDM UHB Book 2-chapter 2.2.2.19 Securities Subject to Cash Penalties – New/Edit Screen), page 453 ff. (CRDM UHB Book 2-chapter 4.5.2.36 Security – New/Edit Screen), page 471 ff. (CRDM UHB Book 2-chapter 4.3.2.50 Securities Subject to Cash Penalties – New/Edit Screen), page 473 ff. (CRDM UHB Book 2-chapter 4.3.2.51 Securities Subject to Cash Penalties – Search/List Screen), Subject to Cash Penalties – Search/List Screen), Handling inconsistencies between CFI and Securities Subject to Cash Penalties Liquidity Indicator
9	EUROSYSTEM UPDATE [Internal review]: page 282 ff. (UDFS-chapter 1.4.4.4.7 Real-time settlement closure processes); Update because of the "Waterfall" process
10	EUROSYSTEM UPDATE [INC000000330540]: page 57 ff. (CRDM UHB Book 1-chapter 2.2.1.5 Inbound Files – Search/List); CRDM Services inbound files search list wrong type of fields 19
11	EUROSYSTEM UPDATE [INC000000359922]: page 1127 ff. (UDFS-chapter 3.3.3.2.3 The message in business context); page 2286 ff. (UDFS-chapter 4.2.2 T2S proprietary codes); Usage Guideline for camt.004; Correction camt.004
12	EUROSYSTEM UPDATE [INC000000372541]: page 1539ff. (UDFS-chapter 3.3.7.13.3 The message in business context); Status date not included in semt.027 for settled instruction 21
13	EUROSYSTEM UPDATE [CRG-PBR-0030]: page 47 (UDFS-chapter 1.2.1.8 Restriction types), page 381 (CRDM UDFS-chapter 3.1.3.14.2 The CoCo-specific schema), page 418 (UDFS-chapter 3.1.3.24.2 The CoCo-specific schema), page590f. (CRDM UDFS-chapter 5.1 Index of Business Rules and Error Codes), page 906 f. (CRDM UHB Book 2-chapter 4.4.2.111 Security – New/Edit Screen); A restriction type can only be used as intraday restriction from 00:00 on its Valid From date, Correction of business rules descriptions
14	EUROSYSTEM UPDATE [Split book approach]: whole UDFS and UHB

Proposed wording for the change request:

1 EUROSYSTEM UPDATE [SDD-PBR-0091]: Message documentation on MyStandards camt.076_T2S and camt.077_T2S; Refining BILL A2A query process in CUMU and ITEM scenarios

The wording of the Usage Guideline of the camt.076 and camt.077 must be updated to reflect the current UDFS Version R2023.JUN. This is a pure editorial update and no schema change is required.

Message documentation on MyStandards, camt.076_T2S

/Document/BllgRptReq/SchCrit

• BILL-BusinessRules: <u>IIMP153</u>

Message documentation on MyStandards, camt.077 T2S

/Document/BllgRpt/BllgRptOrErr/BllgRpt/InvcDt

BILL-Use: <u>Creation date of the invoice. "9999-12-31" if requested data span over different invoices.</u>

/Document/BllgRpt/BllgRptOrErr/BllgRpt/BllgId

• BILL-Use: Unique identification of the billing report (Invoice Number). Invoice reference number. "NONREF" if requested data span over different invoices.

/Document/BllgRpt/BllgRptOrErr/BllgRpt/BllgPrd/FrDt

• BILL-Use: Start date of the billing period of the invoice If requested data span over different invoices it is the start date of the first billing period retrieved

/Document/BllgRpt/BllgRptOrErr/BllgRpt/BllgPrd/ToDt

- BILL-Use: End date of the billing period of the invoice If requested data span over different invoices it is the end date of the last billing period retrieved
 - 2 EUROSYSTEM UPDATE [SDD-PBR-0093]: page 617-618 (UDFS-chapter 1.6.1.14.7 Recalculation), page 644 f. (CRDM UDFS-chapter 5.3.2.1 Identification and routing), page 790 ff. (CRDM UHB Book 2 -chapter 2.2.1.2.19 Securities Subject to Cash Penalties New/Edit Screen); Update of CFI code and recalculation of penalties

Update of CFI does not trigger recalculation of Penalties as the attribute is not directly part of the Securities Subject to Penalties data. Software changes in the U2A and bulk file channels will allow CSDs to have control over this option, i.e. When updating the CFI of a Security, the CSDs will be able to activate the option to trigger the recalculation of any associated penalties within appeal period, or not.

UDFS-chapter 1.6.1.14.7 Recalculation, page 617-618

Every business day, after the Penalty Calculation process, T2S recalculates Penalties due to the execution of modifications requested by the CSD (see previous section) or due to Reference Data updates.

The Reference Data updates that can affect a Penalty are:

I Insertion of a Security in the Securities Subject to Cash Penalties;

I Updates on the attributes of a Security Subject to Cash Penalties (the Liquidity or the Financial Instrument Type associated to the underlying Security's CFI) and the related Daily Price or Security Penalty Rate (such rate depends on, among other variables, the applicable CFI code and could change due to a CFI code modification, as described in [Link to section 4.7.2.1.

[...]

CRDM UDFS-chapter 5.3.2.1 Identification and routing, page 644 f.

[...]

For each row included in the file, CRDM performs a Create or Update operation depending on the value specified in the row.

An update in the related Securities CFI may cause a change in the Securities Subject to Penalties Financial Instrument Type. The CFI change on its own does not trigger recalculation of Penalties; this can be requested by performing a further update on each relevant instance of the Securities Subject to Penalties object. If an Update operation contains a full row with all the current attribute values, no change will be applied to the Securities Subject to Penalties, but the operation will be registered in order to trigger a recalculation of the existing Penalties within the Securities Subject to Penalties' validity period at the next occasion. This allows a recalculation of (only) the applicable business dates of existing Penalties in appeal period corresponding to the business dates within the validity period of the updated Securities Subject to Cash Penalties, at the next occasion and with a new Financial Instrument Type value, which depends on the value of the related Securities CFI. Those Securities Subject to Cash Penalties instances that the CSD does not request an update for will not trigger the recalculation of the applicable business days of existing penalties corresponding to the validity periods of such instances.

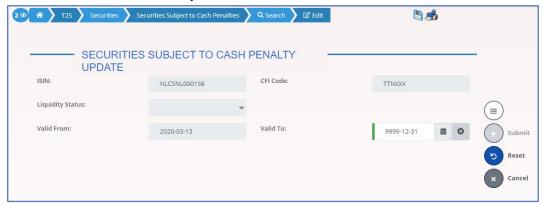
In case the file format is not aligned to the file specification or its processing is not possible because of an internal T2S technical error, the whole file is rejected and a response message is sent back to the sender.

CRDM UHB Book 2-chapter 2.2.1.2.19 Securities Subject to Cash Penalties - New/Edit Screen, page 131 ff.

[...]

Screenshot

Old Illustration 161: Securities Subject to Cash Penalties - new screen



New Illustration 161: Securities Subject to Cash Penalties – new screen (to be updated)

Fields Description

Securities subject to Cash Penalties				
[]	[]			
Apply new Financial	Check this field to trigger the recalculation of existing Penalties under			
Instrument Type	appeal period with the new Financial Instrument Type following an			
	update in the CFI code. This field is unchecked by default and only displayed in Edit mode.			

[...]

3.1.3.45.2 The Coco-specific schema (reda.050), page 613 (CRDM UDFS-chapter 3.1.3.45.2 The Coco-specific schema (reda.050), page 613 (CRDM UDFS-chapter 5.1 Index of Business Rules and Error Codes), page 180 ff. (CRDM UHB Book 2-chapter 2.2.1.3.8 Securities Accounts Links – New/Edit Screen), page 879 ff. (CRDM UHB Book 2-chapter 4.4.2.103 Securities Accounts Link – New/Edit Screen); Closed SAC with not closed SAL can be deleted

Closed SAC with not closed SAL can be deleted

CRDM UDFS-chapter 3.1.3.45.2 The Coco-specific schema (reda.050), page 456

[...]

Business rules applicable to the schema

MESSAGE ITEM	BUSINESS RULES
[]	[]
Date	DAU3050
Document/AcctlkMntncReq/Upd/VldTo/Dt	DAU3207
	DAU3208
	DAU3100

CRDM UDFS-chapter 5.1 Index of Business Rules and Error Codes, page 613

BR NAME	DESCRIPTION	INBOUND MESSAGE	REPLY MESSAGE	CODE USE	REASON CODE	ERROR TEXT
[]	[]	[]	[]	[]	[]	[]
DAU3207	When performing a CMB Securities Account Link update request, the specified Valid To must be equal to or greater than the current date and equal to or greater than the Valid From.	reda.050	reda.051		REJT	Invalid 'Valid from'/'Valid to'
DAU3208	When performing a CMB Securities Account Link update request, the specified Valid To must be equal to or earlier than the Closing Date of the relevant Securities Account.	reda.050	reda.051		REJT	'Valid To' is later than 'Closing Date' of the related Securities Account
[]	[]	[]	[]	[]	[]	[]

CRDM UHB Book 2-chapter 2.2.1.3.8 Securities Accounts Links - New/Edit Screen, page 180 ff.

[...]

Fields description

Securities A	Accounts Links
[]	[]

Valid To	Enter or pick the date until which the Securities Accounts link is valid.
	Valid To date must be equal to or greater than the current date and equal to or greater than the Valid From date.
	Required format is: Date.
	References for error messages:
	• DAC3100
	• DAC3207
	• DAC3209
	• DAU3005
	• DAU3050
	• DAU3100
	• DAU3207
	• <u>DAU3208</u>
[]	[]

Buttons

Submit	This function enables the user to create or edit a Securities Account Link.
Oubillit	References for error messages:
	• DAC3001
	• DAC3024
	• DAC3030
	• DAC3040
	• DAC3050
	• DAC3051
	• DAC3052
	• DAC3100
	• DAC3205
	• DAC3206
	• DAC3207
	• DAC3208
	• DAU3001
	• DAU3005
	• DAU3050
	• DAU3100
	• DAU3207
	• <u>DAU3208</u>
[]	[]

CRDM UHB Book 2-chapter 4.4.2.103 Securities Accounts Link – New/Edit Screen, page 879 ff.

Reference for error message	Field or Button	Error Text	Description
[]	[]	[]	[]

DAU3208	-	Valid to field	'Valid To' is	When performing a CMB Securities Account
			<u>later than</u>	Link update request, the specified
			<u>'Closing</u>	Valid To must be equal to or earlier than the
			Date' of the	Closing Date of the relevant Securities Account.
			<u>related</u>	
			<u>Securities</u>	
			<u>Account</u>	

4 EUROSYSTEM UPDATE [SDD-PBR-0095]: page 221 (UHB Book 1-chapter 2.3.3.1 Users – Search/List Screen), page 331 f. (CRDM UHB Book 1-chapter 2.3.4.7 Report Configuration – New/Edit Screen), page 389 ff. (CRDM UHB Book 1- chapter 2.3.7.1 Closing Day – Search/List Screen); Update of CFI code and recalculation of penalties

Update 1: Modify the UHB and the software introducing three T2S party types (Central Securities Depository (CSD, CSD Participant and External CSD) in Users – Search/List Screen;

Update 2: Modify the UHB and software specifying that when a Report Configuration is created by a CSD Participant user, the Owner Party fields are forced to the BICs of the party itself;

Update 3: Modify the software and the UHB removing the reason "No Operation" from Closing Day – Search/List Screen

CRDM UHB Book 1-chapter 2.3.3.1 Users - Search/List Screen, page 221 f

[]	[]
Party Type	Select the type of party related to the user from the possible values:
, ,,	IAll (default value)
	IService operator
	IPayment bank
	ICentral Securities Depository (CSD)
	ICSD Participant
	IExternal CSD
	IAncillary System
	INational Central Bank (NCB)

CRDM UHB Book 1- chapter 2.3.4.7 Report Configuration - New/Edit Screen, page 331 f

[]	[]
Owner Parent BIC	Enter or select the parent BIC of the party which owns the report. In T2 CLM COMPONENT/T2 RTGSCOMPONENT, this field is mandatory if Cash Account Number is not used. It is not allowed otherwise. In creation mode, when the report is for T2S or TIPS service and the user belongs to a Payment Bank, or Ancillary System or CSD Participant, the field contains the Parent BIC of the party the connected user belongs to, and it is read-only. This field is mandatory for TIPS and T2S This field is read-only in edit mode. Reference for error message [}: IDRCV004 IDRCV155 IDRUV001 IDRUV155 Required format is: max. 11x characters.
Owner Party BIC	Enter or select the BIC of the party which owns the report.

In T2 CLM COMPONENT/T2 RTGS COMPONENT, this field is mandatory if Cash Account Number is not used. It is not allowed otherwise.

In creation mode, when the report is for T2S or TIPS service and the user belongs to a Payment Bank, er Ancillary System or CSD Participant, the field contains the Party BIC of the party the connected user belongs to, and it is read-only. This field is mandatory for TIPS and T2S
This field is read-only in edit mode.

Reference for error message [}]:

IDRCV004
IDRCV155
IDRUV001
IDRCV155
Required format is: max. 11x characters.

CRDM UHB Book 1- chapter 2.3.7.1 Closing Day - Search/List Screen, page 389 f

[]	[]
Reason	Select the reason from the possible values
	IAII (default value) IAIIowed Downtime Window
	IBanking Holiday
	I No Operation
	IRecovery
	ISystem Maintenance

5 EUROSYSTEM UPDATE [SDD-PBR-0096] page 583 (CRDM UDFS chapter 5.1 Index of Business Rules), page 547 (CRDM UHB Book 2 chapter 4.3.2.46 Security – New/Edit Screen), Unknown error DSU1923 triggered for update security name

Unknown error DSU1923 triggered for update security name

CRDM UDFS-chapter 5.1 Business Rules, page 583

BR NAME	DESCRIPTION	INBOUND MESSAGE	REPLY MESSAGE	CODE USE	REASON CODE	ERROR TEXT
				•••		
DSU1009	When performing a Securities update	reda.007	reda.029		REJT	'Valid from' or 'Valid to' invalid
	request, the create request of a historical					
	minor entity the current date must be					
	less than or equal to the Valid From of					
	the entity to be created. The valid from on the instance to be created must be different from					

the valid from of			
<u>other existing</u>			
<u>instances</u> in the			
same entity of			
<u>the same</u>			
<u>security.</u>			

CRDM UHB Book 2-chapter 4.3.2.46 Security - New/Edit Screen, page 547

Reference message	for	error	Field or Button	Error Text	Description
DSU1009			I ISIN Valid From field I Security Name I Valid From field I Submit button I Restriction Valid I From field	'Valid from' or 'Valid to' invalid	When performing a Securities update request, the create request of a historical minor entity. the current date must be less than or equal to the Valid From of the entity to be created. The valid from on the instance to be created must be different from the valid from of other existing instances in the same entity of the same security.

6 EUROSYSTEM UPDATE [SDD-PBR-0097] page 386. (UHB chapter 2.3.2.3 Immediate Liquidity Transfers - Search/List Screen), page 394 (UHB chapter Immediate Liquidity Transfer - Details Screen) 2.3.2.4 Value "RBOK" is not understood by the GUI as Status Value on Immediate Liquidity Transfer Details screen and accordingly in the corresponding camt.006 'ReturnTransaction' message

Value "RBOK" is not understood by the GUI as Status Value on Immediate Liquidity Transfer Details screen and accordingly in the corresponding camt.006 'ReturnTransaction' message

UHB-chapter 2.3.2.3 Immediate Liquidity Transfers - Search/List Screen, page 386

Other Search Criteria			
External RTGSStatus*	Select the external RTGS status from the possible values:		
	Not executed Not applicable (default value) RTGS rejection RTGS confirmation		
	Rebooking		

<u>UHB-chapter 2.3.2.4 Immediate Liquidity Transfer - Details Screen, page 394</u>

External RTGS Status*	Shows the current RTGS status of the instruction
	from the possible values:

RTGS rejection
RTGS confirmation
Not executed
Not applicable
<u>Rebooking</u>
If the liquidity transfer is internal, this field is always filled in with 'Not applicable'.

7 EUROSYSTEM UPDATE [SDD-PBR-0098] page 2276 (UDFS chapter 4.1 Index of Business Rules and Error Codes), Procedure for Liquidity Transfers arriving after cut-off

Procedure for Liquidity Transfers arriving after cut-off

UDFS-chapter 4.1 Index of Business Rules and Error Codes, page 2276

BR Name	Description	Inbound Message	Reply Message	Code Use	Reason Code	Error Text
[]	[]	[]	[]	[]	[]	[]
<u>SXAA036</u>	A Liquidity Transfer cannot settle anymore at its expected settlement date if received after its cut-off	<u>camt.025</u>			SUNS	Liquidity Transfer is unsettled because settlement is no longer possible for the Business Date associated to the Liquidity Transfer

EUROSYSTEM UPDATE [SDD-PBR-0100], page 378 (CRDM UDFS-chapter 3.1.3.14.2 SecurityMaintenanceRequest (reda.007)), page 586 (CRDM UDFS-chapter 5.1 Business Rules), page 652 (CRDM UDFS-chapter 5.3.3.3.1 Status and error supplementary fields (Securities Subject to cash penalties bulk file format specifications), page 50 ff. (CRDM UHB Book 2 chapter 2.2.2.7 Security – New/Edit Screen), page 98 (CRDM UHB Book 2-chapter 2.2.2.18 Securities Subject to Cash Penalties – Search/List Screen), page 104 (CRDM UHB Book 2-chapter 2.2.2.19 Securities Subject to Cash Penalties – New/Edit Screen), page 453 ff. (CRDM UHB Book 2-chapter 4.3.2.50 Securities Subject to Cash Penalties – New/Edit Screen), page 473 ff.(CRDM UHB Book 2-chapter 4.3.2.51 Securities Subject to Cash Penalties – Search/List Screen), Subject to Cash

Penalties – Search/List Screen), Handling inconsistencies between CFI and Securities Subject to Cash Penalties Liquidity Indicator

Handling inconsistencies between CFI and Securities Subject to Cash Penalties Liquidity Indicator

CRDM UDFS-chapter 3.1.3.14.2 SecurityMaintenanceRequest (reda.007), page 378

Business rules applicable to the schema

Message Item	Data Type/Code	Business Rules
SecurityMaintenanceRequest Document/SctyMntncReq	[]	DSU1001 DXAA002
[]	[]	[]
ClassificationFinancialInstrument /Document/SctyMntncReq/UpdTp/UpdTp/Modfy/FinInstrmAttrbts/ClssfctnTp/ClssfctnFinInstrm	[]	DSU1410 DSU1420
CountryOflssue /Document/SctyMntncReq/UpdTp/UpdTp/Modfy/FinInstrmAttrbts/Issnc/CtryOflsse	[]	DSU1400
[]	[]	[]

CRDM UDFS-chapter 5.1 Index of Business Rules and Error Codes, page 586

BR NAME	DESCRIPTION	INBOUND MESSAGE	REPLY MESSAGE	CODE USE	REASON CODE	ERROR TEXT
[]	[]	[]	[]	[]	[]	[]
<u>DSU1420</u>	When performing a Securities Update request to change the CFI code from a value corresponding to or from a 'Shares' Financial Instrument Type, there cannot be any related Securities Subject to Cash Penalties instance with an inconsistent Liquidity indicator and Valid To date later than the one preceding the current business date.	<u>reda.007</u>	<u>reda.029</u>	[]	REJT	Invalid CFI- Liquidity Indicator combination

$\underline{\text{CRDM UDFS-chapter 5.3.3.3.1 Status and error supplementary fields (Securities Subject to cash penalties bulk file}\\ \underline{\text{format specifications)}, page 652}$

Flat file column	Field	Possible values	Description	Rules
[]	[]	[]	[]	[]
9	Error description	[]	[]	[]

[]	[]	Invalid CFI-Liquidity Indicator combination	Securities Subject to Cash Penalties cannot be updated in any way if the Liquidity Indicator is present with CFI Code not equivalent to a 'Shares' Financial Instrument Type, or if the Liquidity Indicator is not present with CFI Code equivalent to a 'Shares' Financial Instrument	[]
			Shares' Financial Instrument Type.	

CRDM UHB Book 2-chapter 2.2.2.7 Security - New/Edit Screen, page 50 ff.

Fields description

CFI Code	Enter the CFI code associated to the selected securities.	
	This field is mandatory.	
	Required format is: 6x characters.	
	References for error messages:	
	- DSC1700	
	- DSU1410	
	- <u>DSU1420</u>	

Buttons

Submit	[]
	References for error messages:
	- []
	- <u>DSU1420</u>
	<u></u>

CRDM UHB Book 2-chapter 2.2.2.18 Securities Subject to Cash Penalties – Search/List Screen, page 98

Buttons

Restore	[]
	References for error messages:
	- []
	- <u>DSD6006</u>
	[]

CRDM UHB Book 2-chapter 2.2.2.19 Securities Subject to Cash Penalties - New/Edit Screen, page 104

Buttons

Submit	[]
	References for error messages:
	- []
	- <u>DSU6007</u>
	[]

CRDM UHB Book 2-chapter 4.3.2.46 Security - New/Edit Screen, page 453 ff.

[]	[]	[]	[]
<u>DSU1420</u>	CFI Code field Submit button	Invalid CFI-Liquidity Indicator combination	When performing a Securities Update request to change the CFI code from a value corresponding to or from a 'Shares' Financial Instrument Type, there cannot be any related Securities Subject to Cash Penalties instance with an inconsistent Liquidity indicator and Valid To date later than the one preceding the current business date.

CRDM UHB Book 2-chapter 4.3.2.50 Securities Subject to Cash Penalties - New/Edit Screen, page 471ff.

Reference for error message	Field or Button	Error Text	Description
[]	[]	[]	[]
<u>DSU6007</u>	Submit button	Invalid CFI-Liquidity Indicator combination	Securities Subject to Cash Penalties cannot be updated in any way if the Liquidity Indicator is present with CFI Code not equivalent to a 'Shares' Financial Instrument Type, or if the Liquidity Indicator is not present with CFI Code equivalent to a 'Shares' Financial Instrument Type.

CRDM UHB Book 2-chapter 4.3.2.51 Securities Subject to Cash Penalties – Search/List Screen, page 473ff.

Reference for error message	Field or Button	Error Text	Description
[]	[]	[]	[]
<u>DSD6006</u>	Restore button	Invalid CFI-Liquidity Indicator combination	When performing a Securities Subject to Cash Penalties restore request for a future instance, the Liquidity attribute can only be present (and is mandatory) for Shares, as defined in the ISIN's CFI code.

9 EUROSYSTEM UPDATE [Internal review]: page 282 ff. (UDFS-chapter 1.4.4.4.7 Real-time settlement closure processes); Update because of the "Waterfall" process

Update because of the "Waterfall" process

UDFS-chapter 1.4.4.4.7 Real-time settlement closure processes, page 282 ff.

During the real-time settlement closure, T2S performs the processes as detailed in the below table.

Table 106- PROCESSES DURING THE REAL-TIME SETTLEMENT CLOSURE

T2S PROCESS	DESCRIPTION OF THE PROCESS
Execute DVP cut-off procedure	Cut-off to differentiate the eligibility of intraday DVP/PFOD Settlement Instructions for settlement during the current settlement day:
	I T2S does not attempt settlement for the intraday DVP/PFOD Settlement Instructions (which is not a CBO or a BATM Settlement Instructions with specific later cut-off) received by T2S after this cut-off on the current settlement day, but recycle them for the next settlement day;
	I After the cut-off event is received, T2S ensures to do at least one settlement attempt for all the intraday DVP Settlement Instructions, received by T2S before the cut-off and eligible for the current settlement day.
	This period is called the "waterfall" period.
	When the waterfall period is over, T2S still recycles failed instructions which can benefit from credits received during the waterfall period.
	In parallel, T2S performs the following: I Settlement of:
	Settlement Instructions other than the ones for which cut-off is reached;
	Reverse collateral Settlement Instructions related to reimbursement of intraday auto-collateralisation;
	Securities/cash Settlement Restrictions;
	- All liquidity transfers (i.e. inbound, internal and outbound);
	I Execution of static data maintenance instructions;
	I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release/Partial Release Instructions;
	DVP/PFOD released during the "waterfall" period still undergo a settlement attempt and may settle.
	DVP/PFOD released after the "waterfall" period are not submitted any longer to any settlement attempt until next business day. I Identification and reporting of failed Settlement Instructions: Matched Settlement Instructions eligible to the DVP cut-off are identified as "Failing" if not settled before the cut-off completion.
	I Generation of reports triggered by business or time events;
	I Responses to queries received via U2A or A2A.
Evenueta anala Cattlemana	Cut off to differentiate the climibility of each Cottlement Destrictions for
Execute cash Settlement Restriction cut-off procedure	Cut-off to differentiate the eligibility of cash Settlement Restrictions for settlement during the current settlement day:
	I T2S does not attempt settlement for the intraday cash Settlement Restrictions received by T2S after this cut-off on the current settlement day, but recycles them for the next settlement day;
	I <u>After the cut-off event is received</u> . T2S ensures to do at least one settlement attempt for all the intraday cash Settlement Restrictions, received by T2S before the cut-off and eligible for the current settlement day.
	This period is called the "waterfall" period.
	In parallel, T2S performs the following:

I Settlement of: - Settlement Instructions other than the ones for which cut-off is reached; - Reverse collateral Settlement Instructions related to reimbursement of intraday auto-collateralisation; Securities Settlement Restrictions; - All liquidity transfers (i.e. inbound, internal and outbound); I Execution of static data maintenance instructions; I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release/Partial Release Instructions; I Identification and reporting of failed Settlement Restrictions on cash: Settlement Restrictions on cash having reached their Intended Settlement Date are identified as "Failing" if not settled be-fore the cut-off completion. I Generation of reports triggered by business or time events; I Responses to queries received via U2A or A2A. Release of unused cash For the unused cash restrictions: Settlement Restrictions I T2S releases the unused blocked, reserved and CoSD blocked cash restrictions: I T2S regenerates the equivalent CoSD blocked cash Settlement Restrictions for the next settlement day. In parallel, T2S performs the following: I Settlement of: - Settlement Instructions other than the ones for which cut-off is reached; - Reverse collateral Settlement Instructions related to reimbursement of intraday auto-collateralisation; Securities Settlement Restrictions; All liquidity transfers (i.e. inbound, internal and outbound); I Execution of static data maintenance instructions; I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release/Partial Release Instructions; I Generation of reports triggered by business or time events; I Responses to gueries received via U2A or A2A. Reimbursement of CB T2S performs the following during the automatic reimbursement process: collateralisation provided by I T2S releases all "hold" reverse collateral Settlement Instructions linked to central banks CB collateralisation (i.e "hold" reverse collateral Settlement Instructions process of auto-collateralisation by a generated during the payment/settlement bank with its Central Bank); I T2S attempts the settlement of all the released reverse collateral Settlement Instructions linked to CB collateralisation with, if needed for a credit consumer: Internal rebalancing of cash between its T2S DCA; - And/or, sourcing additional liquidity from its Central Bank through the creation of collateral re-location Settlement Instructions; When the available amount is insufficient for the settlement of all reverse collateral instructions T2S informs the relevant CMS for an utilisation of its credit facility in the relevant RTGS system (creation of collateral relocation Settlement Instructions). In such cases, it is the responsibility of the CMS to inform the RTGS system to facilitate the update of the credit utilisation/provision of overnight credit facilities. This process is outside T2S;

Note: T2S does not perform an automatic release of reverse collateral

Settlement Instructions related to reimbursement of intraday clientcollateralisation. In parallel, T2S performs the following: I Settlement of: - Settlement Instructions other than the ones for which cut-off is reached; - Settlement of securities Settlement Restrictions; - All liquidity transfers (i.e. inbound, internal and outbound); I Execution of static data maintenance instructions: I Execution of Amendment Instructions. Cancellation Instructions and Hold/Release/Partial Release Instructions; I Generation of reports triggered by business or time events; I Responses to queries received via U2A or A2A. This period determines the start of the optional automated cash sweep Optional automated cash sweep based on the set-up of standing liquidity transfer orders. 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. In parallel, T2S performs the following: I Settlement of: – Settlement Instructions other than the ones for which cut-off is reached: - Securities Settlement Restrictions; All liquidity transfers (i.e. inbound, internal and outbound); 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 gueries received via U2A or A2A. Execute BATM cut-off procedure Cut-off to differentiate the eligibility of BATM Settlement Instructions for settlement during the cur-rent settlement day: I T2S does not attempt settlement for the intraday BATM Settlement Instructions received by T2S after this cut-off on the current settlement day, but recycle them for the next settlement day; I After the cut-off event is received, T2S ensures to do at least one settlement attempt for all the intraday BATM Settlement Instructions, received by T2S before the cut-off and eligible for the current settlement day. This period is called the "waterfall" period. In parallel, T2S performs the following: I Settlement of: - Settlement Instructions other than the ones for which cut-off is reached; Securities Settlement Restrictions; - All liquidity transfers (i.e. inbound, internal and outbound); I Execution of static data maintenance instructions: I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release Instructions; BATM DVP Instructions released during the "waterfall" period still undergo settlement attempt and may BATM DVP Instructions released after the "waterfall" period are not submitted any longer to any settlement attempt until next business day. I Identification and reporting of failed Settlement Instructions: Matched Settlement Instructions eligible to the BATM cut-off are identified as "Failing"

	if not settled before the cut-off completion.
	I Generation of reports triggered by business or time events;
	I Responses to queries received via U2A or A2A.
Execute CBO cut-off procedure	Cut-off to differentiate the eligibility of CBO DVP Settlement Instructions for settlement during the current settlement day:
	I T2S does not attempt settlement for the intraday CBO DVP Settlement Instructions received by T2S after this cut-off on the current settlement day, but recycle them for the next settlement day;
	I <u>After the cut-off event is received</u> , T2S ensures to do at least one settlement attempt for all the intraday CBO DVP Settlement Instructions, received by T2S before the cut-off and eligible for the current settlement day.
	This period is called the "waterfall" period.
	In parallel, T2S performs the following:
	I Settlement of:
	 Settlement Instructions other than the ones for which cut-off is reached; Securities Settlement Restrictions;
	All liquidity transfers (i.e. inbound, internal and outbound);
	I Execution of static data maintenance instructions;
	I Execution of Amendment Instructions, Cancellation Instructions and
	Hold/Release/Partial Release Instructions;
	CBO DVP Instructions released during the "waterfall" period still undergo a settlement attempt and may settle. CBO DVP released after the "waterfall" period are not submitted any longer to any settlement attempt until next business day. I Identification and reporting of failed Settlement Instructions: Matched Settlement Instructions eligible to the CBO cut-off are identified as "Failing"
	if not settled before the cut-off completion.
	I Generation of reports triggered by business or time events;
	I Responses to queries received via U2A or A2A.
Execute incoming liquidity transfer cut-off procedure	Cut-off to differentiate the eligibility of incoming 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;
	I T2S rejects any incoming 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.
Optional automated cash sweep	This period determines the start of the automated cash sweep.
	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. The automated cash sweep is completed when T2S detects no failed liquidity transfer or when the

appropriate actions have been taken by the T2S operator. 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. **Execute Securities Settlement** Cut-off to differentiate the eligibility of securities Settlement Restrictions for Restriction cut-off procedure settlement for the cur-rent settlement day: I T2S does not propose the securities Settlement Restrictions received by T2S after this cut-off on the current settlement day, but recycle them for the next settlement day. I After the cut-off event is received, T2S ensures to propose all the securities Settlement Restrictions, received by T2S before the cut-off and eligible for the current settlement day, for a settlement attempt. This period is called the "waterfall" period. In parallel, T2S performs the following: I Settlement of Settlement Instructions other than the ones for which cut-off is reached: I Execution of static data maintenance instructions; I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release Instructions; I Identification and reporting of failed Settlement Restrictions on securities: Settlement Restrictions on Securities having reached their Intended Settlement Date are identified as "Failing" if not settled before the cut-off completion. I Generation of reports triggered by business or time events; I Responses to queries received via U2A or A2A. Execute FOP cut-off procedure Cut-off to differentiate the eligibility of FOP Settlement Instructions (including BATM and CBO Settlement Instructions without a cash leg) for settlement during the current settlement day: I T2S does not attempt settlement for the intraday FOP Settlement Instructions received by T2S after this cut-off on the current settlement day, but recycle them for the next settlement day; I After the cut-off event is received, T2S ensures to do at least one settlement attempt for all the intraday FOP Settlement Instructions, received by T2S before the cut-off and eligible for the current settlement day. This period is called the "waterfall" period. In parallel, T2S performs the following: I Settlement of securities Settlement Restrictions for which cut-off is not reached; I Execution of static data maintenance instructions; I Execution of Amendment Instructions, Cancellation Instructions and Hold/Release/Partial Release Instructions; FOP Instructions released during the "waterfall" period still undergo a <u>settlement</u> attempt and FOP Instructions released after the "waterfall" period are not submitted any longer to any settlement attempt until next business

I Identification and reporting of failed Settlement Instructions: — Matched Settlement Instructions eligible to the FOP cut-off are identified as "Failing" if not settled before the cut-off completion.
 Additionally, upon completion of the FOP cut-off, T2S identifies all Unmatched Settlement Instructions having their Intended Settlement Date equal to the Current Business Day as "Failing".
I Generation of reports triggered by business or time events;
I Responses to queries received via U2A or A2A.

10 EUROSYSTEM UPDATE [INC000000330540]: page 57 ff. (CRDM UHB Book 1-chapter 2.2.1.5 Inbound Files – Search/List); CRDM Services inbound files search list wrong type of fields

CRDM Services inbound files search list wrong type of fields

CRDM UHB Book 1-chapter 2.2.1.5 Inbound Files - Search/List, page 57 ff.

Inbound Files – Search Criteria		
[]	[]	
User	Enter or sSelect the user who initiated the communication under the data scope of the requestor from the drop-down menu. Required format is: max. 35 characters.	
Network Service	Select the network service from the drop-down menu.	
Party Short Name	Enter or sSelect the short name of the business sending party under the data scope of the requestor from the drop down menu. Required format is: max. 35 characters.	
[]	[]	

11 EUROSYSTEM UPDATE [INC000000359922]: page 1127 ff. (UDFS-chapter 3.3.3.2.3 The message in business context); page 2286 ff. (UDFS-chapter 4.2.2 T2S proprietary codes); Usage Guideline for camt.004; Correction camt.004

Correction camt.004

UDFS-chapter 3.3.3.2.3 The message in business context, page 1127 ff.

[...]

Message usage example: camt.004.001. 08_T2S_CashForecastQueryResponse_Example.xml

This example illustrates a Cash Forecast Query Response which reports actual cash balance on the DCA, pending liquidity transfers, settlement instructions and outstanding intraday credit from auto-collateralisation with the following values:

I TCCA (actual balance): 6.000.000 (Credit)

- LTCA (sum of all debiting liquidity transfer orders): 20.000.000
- I SIDA (sum of all pending debiting settlement instructions): 10.000.000
- I DNCR (Debiting Settlement instructions, thereof non CORP released): 3.000.000
- I DCOR (Debiting Settlement instructions, thereof CORP released): 1.000.000
- I DNCH (Debiting Settlement instructions, thereof non CORP on hold): 2.000.000
- I DCOH (Debiting Settlement instructions, thereof CORP on hold): 4.000.000
- I SICA (sum of all pending crediting settlement instructions): 30.000.000
- I CNCR (Crediting Settlement instructions, thereof non CORP released): 10.000.000
- I CCOR (Crediting Settlement instructions, thereof CORP released): 8.000.000
- I CNCH (Crediting Settlement instructions, thereof non CORP on hold): 4.000.000
- I CCOH (Crediting Settlement instructions, thereof CORP on hold): 8.000.000
- I PCCA (projected balance ⁴⁹³): TCCA+SICA-LTCA-SIDA: 6.000.000 (Credit)
- I CRAC (outstanding credit): 70.000.000 (Debit)
- SUPA (Sum of projected balance + amount of outstanding intraday credit from auto-collateralisation): 64.000.000 (Debit)

Message usage: T2S Overall Liquidity Query Response

Foodnote 493: In T2S UDFS and MyStandards, "projected balance" means the sum of cash balance and pending LTs and SIs (outstanding intraday credit from auto-collateralisation is not part of the calculation, i.e. is not subtracted). In UHB and T2S GUI, "projected balance" means the sum of cash balance and pending LTs and SIs and outstanding intraday credit from auto-collateralisation.

[...]

UDFS-chapter 4.2.2 T2S proprietary codes, page 2286 ff.

CODE	NAME	DEFINITION
[]	[]	[]
SICA	Sum of all pending crediting settlement instructions	Sum of all <u>pending</u> crediting settlement instructions
SIDA	Sum of all pending debiting settlement instructions	Sum of all <u>pending</u> debiting settlement instructions
[]	[]	[]

Editorial update of the datatype T2SCashBalanceCodes T2S 1 in the camt.004 Usage Guideline

Document/RtrAcct/RptOrErr/AcctRpt/AcctOrErr/Acct/MulBal/Tp/Prtry:

Sum Of All Pending Debiting Settlement Instructions [SIDA]

Sum Of All Pending Crediting Settlement Instructions [SICA]

12 EUROSYSTEM UPDATE [INC000000372541]: page 1539ff. (UDFS-chapter 3.3.7.13.3 The message in business context); Status date not included in semt.027 for settled instruction

The example messages for semt.027 in MyStandards need to be updated to reflect the fact that the status date is not included in semt.027 for settled instruction (in line with the modifications made with CR600 – "T2S reporting must be enhanced to allow retrieval of sett. Instructions and their SF1, SF2 timestamps"). For coherence, one of the semt.026 messages (query message to generate semt.027) also needs to be updated. In accordance, the UDFS message example explanations also needs to be updated/synchronised to reflect these changes.

UDFS-chapter 3.3.7.12.3 – the message in business context, page 1539

Query type example: semt.026.001.01_T2S_SettlementInstructionStatusAuditTrailQuery_Example.xml In this example a T2S actor has sent to T2S a Settlement Instruction Status Audit Query requesting settlement instructions for a T2S party, CSD Participant A (PRTAFRPPXXX) specific T2S securities account '1000000123' that were matched on or after before the 13th 4 of January 2015 and where the settlement currency is 'EUR 20th of June 2023.

-

UDFS-chapter 3.3.7.13,3 - the message in business context, page 1541

Message usage example: semt.027.001.01_T2S_QueryResponse_Example.xml

In this example T2S sends a Settlement Instruction Query Response containing 3 <u>one</u> instructions matching the query criteria corresponding to query reference 'QRYREF0001'. This message is sent as a response to a Settlement Instruction Query requesting all settlement instructions where the securities account is '1000000123' and the settlement quantity is greater than or equal to 50000 units and less than or equal to 60000 units.

UDFS-chapter 3.3.7.13,3 - the message in business context, page 1542

In this example T2S sends a Settlement Instruction Current Status Query Response containing $\frac{2}{2}$ one instructions matching the query criteria corresponding to query reference 'QRYREF0045'. This message is sent as a response to a Settlement Instruction Current Status Query requesting all pending settlement instructions with a high priority where the securities account is '1000000123'.

UDFS-chapter 3.3.7.13,3 - the message in business context, page 1543

Message usage example: semt.027.001.01_T2S_AuditTrailQueryResponse_Example.xml

In this example T2S sends a Settlement Instruction Status Audit Trail Query Response containing 2 two instructions matching the query criteria corresponding to query reference 'QRYREF0541'-FFD06123B3390732'. This message is sent as a response to a Settlement Instruction Status Audit Trail Query requesting all settlement instructions that were matched on or after the 13th of January 2015 and where the settlement currency is 'EUR before the 20th of June 2023.

MyStandards semt.027 message examples updated

- semt.027.001.01_T2S_QueryResponse_Example.xml
- semt.027.001.01_T2S_StatusQueryResponse_Example.xml
- semt.027.001.01 T2S AuditTrailQueryResponse Example.xml

Change Request: T2S 0808 SYS

EUROSYSTEM UPDATE [CRG-PBR-0030]: page 47 (UDFS-chapter 1.2.1.8 Restriction types), page 381 (CRDM UDFS-chapter 3.1.3.14.2 The CoCo-specific schema), page 418 (UDFS-chapter 3.1.3.24.2 The CoCo-specific schema), page590f. (CRDM UDFS-chapter 5.1 Index of Business Rules and Error Codes), page 906 f. (CRDM UHB Book 2-chapter 4.4.2.111 Security – New/Edit Screen); A restriction type can only be used as intraday restriction from 00:00 on its Valid From date, Correction of business rules descriptions

A restriction type can only be used as intraday restriction from 00:00 on its Valid From date- not at Start of Day, Correction of business rule descriptions

UDFS-chapter 1.2.1.8 Restriction types, page 47

[...]

Each restriction refers to a specific restriction type. Each restriction type is defined by the following elements:

1 [...]

I A validity period, specified by a mandatory initial date of validity and an optional final date of validity new footnote; I [...]

New footnote: When applying an intraday restriction to an object, the validity period of the restriction type being applied is compared to that of the intraday restriction as a set of calendar dates, i.e. if a restriction type has date D as Valid From, an intraday restriction referring to this restriction type can only start from 00:00 on calendar day D, even if business day D started before 00:00

CRDM UDFS-chapter 3.1.3.14.2 The CoCo-specific schema, page 3

[...]

To remove immediately a restriction, the value "9999-12-31T23:59:00" shall be used as the Valid To for the restriction. <u>To update a restriction</u>, the Valid From timestamp (including seconds) of the intraday restriction to be updated must be specified in the reda.007.

[...]

CRDM UDFS-chapter 3.1.3.24.2 The CoCo-specific schema, page 418

[...]

To remove immediately a restriction, the value "9999-12-31T23:59:00" shall be used as the Valid To for the restriction. <u>To update a restriction</u>, the Valid From timestamp (including seconds) of the intraday restriction to be updated must be specified in the reda.023.

[...]

CRDM UDFS-chapter 5.1 Index of Business Rules and Error Codes, page 590 f.

BR NAME	DESCRIPTION	INBOUND MESSAGE	REPLY MESSAGE	CODE USE	REASON CODE	ERROR TEXT
[]	[]	[]	[]	[]	[]	[]
DSU1041	When performing a Securities update request, in case of request for update of Securities Restriction, it must refer to an existing	reda.007	reda.029		REJT	Invalid Securities Restriction

	instance of Securities Restriction in the System Entity of the Requestor with a non-past Valid To.					
DSU1042	When performing a Securities update request, in case of request for deletion of Securities Restriction, it must refer to an existing instance of Securities Restriction in the System Entity of the Requestor with a non-past Valid Towith future Valid From or past Valid To.	reda.007	reda.029		REJT	Invalid Securities Restriction
[]	[]	[]	[]	[]	[]	[]

CRDM UHB Book 2-chapter 4.4.2.111 Security - New/Edit Screen, page 906 f.

Reference for error message	Field or Button	Error Text	Description
[]	[]	[]	[]
DSU1041	I Restriction Type field I Submit button	Invalid Securities Restriction	When performing a Securities update request, in case of request for update of Securities Restriction, it must refer to an existing instance of Securities Restriction in the System Entity of the Requestor with a non-past Valid To.
DSU1042	I Restriction Type field I Restriction Valid From field I Restriction Valid To field I Submit button	Invalid Securities Restriction	When performing a Securities update request, in case of request for deletion of Securities Restriction, it must refer to an existing instance of Securities Restriction in the System Entity of the Requestor with a non-past Valid To-with future Valid From or past Valid To.
[]	[]	[]	[]

14 EUROSYSTEM UPDATE [Split book approach]: whole UDFS and UHB

Removal of CRDM and ESMIG relevant content due to the split book approach.

The changes resulting from the split book approach are listed in the Excel spreadsheet in annex A.

Outcome/Decisions:

*CRG on 18 July 2023: the CRG agreed to recommend CR-0808 for authorisation and approval by the T2S Steering Level.

*MIB on 11 August 2023: the MIB agreed to authorise CR-808 and approved the inclusion of the related updates in the T2S documentation for R2023.NOV.

Documentation to be updated:

UDFS and UHB (for R2023.NOV)

Preliminary assessment:

Not applicable (Editorial CR)

Detailed assessment:

Not applicable (Editorial CR)