



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: 14/06/2022
Request title: Multiplex Second Editorial Change Request (for R6.2)		Request ref. no: T2S 0788 SYS
Request type: Common		Urgency: Normal
1. Legal/business importance parameter¹: Medium	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 BFD, UDFS, UHB and URD (for R6.2)

Reason for change and expected benefits/business motivation:

The editorial changes relate to either the BFD v10.2, UDFS v7.2, UHB v7.2 or URD v10.2. Their incorporation into the BFD v10.2, UDFS v7.2, UHB v7.2 or URD v10.2 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 [CRG-PBR-0029]: pages 10-11 (BFD-chapter 1 Introduction - Digital signature), page 173 (BFD-chapter 9 ANNEX B – TECHNICAL ANNEX), page 228 (UDFS-chapter 1.3.5 Graphical User Interface), page 42/43 (UHB-chapter 1.2.1 Setup and Login Procedures), page 1210 (UHB-chapter 3.2.1.1 Digital signature), page 1395 (UHB-chapter 4 Trouble Management System Part), page 1422 (UHB-chapter 5.1.2.2 Technical Requirements), page 260 (URD-chapter 11.9.3 T2S system users), page 490 (URD-chapter 18.7.4.2 Controls against mobile code)2
- 2 EUROSISTEM UPDATE [T2S SDD CN PBR-0083, PBI-221694]: page 861 ff. (UDFS-chapter 1.6.5.7.6 Billing data collection process), page 1850 (UDFS-chapter 4.1 Index of Business Rules and Error Codes), Message documentation on MyStandards, admi.007 for ESMIG T2-CoCo and T2S MyStandards groups; ESMIG Business Rules6
- 3 EUROSISTEM UPDATE [T2S SDD CN PBR-0084, PBI-221434]: page 600 (UDFS-chapter 1.6.1.14.4 Penalty Eligibility); Calculation of Penalties on SIs with Reason CYCL..... 7
- 4 EUROSISTEM UPDATE [T2S SDD CN PBR-0085, PBI-221444]: page 2142 ff. (UHB-chapter 6.5.2.69 Message Subscription Rule - New/Edit Screen), page 2162 (UHB-chapter 6.5.2.70 Message Subscription Rule Set - Details Screen); Message Subscription Limits 8
- 5 EUROSISTEM UPDATE [INC-330798]: page 1105, 1108, 1110 (UHB-chapter 2.8.2.7.5 Market-Specific Attributes - Search/List Screen, 2.8.2.7.6 Market-Specific Attribute - Details Screen, 2.8.2.7.7 Market-Specific Attribute - New/Edit Screen); Editorial Update because of INC0000003307989
- 6 EUROSISTEM UPDATE [INC-331497]: page 1188, 1193 (UHB-chapter 2.8.2.10.9 Outbound Messages – Search/List, 2.8.2.10.10 Outbound Message – Details); Editorial Update because of INC000000331497 10

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	EUROSYSTEM UPDATE [INC-334622]: page 2035 (UHB-chapter 6.5.2.29 CoSD Rule Sets - Details Screen); Editorial Update because of INC000000334622	12
8	EUROSYSTEM UPDATE [INC-331986]: page 82 (UHB-chapter 1.3.2.5 Common Buttons and Icons – Utility Elements table); Editorial Update because of INC000000331986	12
9	EUROSYSTEM UPDATE [INC-333520]: page 1053 (UHB- 2.8.2.5.5 Report Configurations - Search/List Screen); Editorial Update because of INC000000333520	13
10	EUROSYSTEM UPDATE [INC-330540]: page 1176 (UHB- 2.8.2.10.3 Inbound Files – Search/List); Editorial Update because of INC000000330540	13
11	EUROSYSTEM UPDATE [Internal Review]: page 903 (UHB-chapter 2.8.2.2.3 Cash Account – New/Edit Screen); Editorial Update because of BRs DCC1204 and DCU1209	13
12	EUROSYSTEM UPDATE [INC-336771]: Editorial Update because of INC000000336771 - MyS - Update sese.024 message usage examples and pages 1649 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: Party Hold), 1655 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: CSD Validation Hold), 1664 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: Counterparty’s Settlement Instruction on Hold), 1699 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: Execution of a partial release)	14
13	EUROSYSTEM UPDATE [Internal Review]: page 96 ff. (UDFS-chapter 1.2.6.4 Links between cash accounts in T2S and external RTGS accounts); Editorial UDFS Update because distinction between MCA and External RTGS as linked accounts is not specified	15
14	EUROSYSTEM UPDATE [SDD-PBR-0082, PBI-221249]: page 600 (UDFS-chapter 1.6.1.14.5 Penalty Mechanism- Penalty Calculation) and pages 306-307 (GFS- chapter 3.4.7.3. Penalty Mechanism – Description of the functions of the module); Penalties with BDs prior CSDR entry into force	16

Proposed wording for the change request:

1 EUROSYSTEM UPDATE [CRG-PBR-0029]: pages 10-11 (BFD-chapter 1 Introduction - Digital signature), page 173 (BFD-chapter 9 ANNEX B – TECHNICAL ANNEX), page 228 (UDFS-chapter 1.3.5 Graphical User Interface), page 42/43 (UHB-chapter 1.2.1 Setup and Login Procedures), page 1210 (UHB-chapter 3.2.1.1 Digital signature), page 1395 (UHB-chapter 4 Trouble Management System Part), page 1422 (UHB-chapter 5.1.2.2 Technical Requirements), page 260 (URD-chapter 11.9.3 T2S system users), page 490 (URD-chapter 18.7.4.2 Controls against mobile code)

The different chapters are contradictory to each other. Referring to the ESMIG will clarify all the parts below and make it more understandable and uniform.

Changes to the Business Functionality Document (BFD), to remove from the BFD elements that are covered in the ESMIG qualified configurations document or the TARGET connectivity guide

BFD-chapter 1 Introduction - Digital signature, pages 10-11

[...]

The user will be asked to enter a PIN code for the purpose of signing whenever an instruction of this set is initiated. With the entry of the PIN, T2S attaches a digital signature to the instruction submitted by the T2S Actor. Non-repudiation of origin (NRO) provides the recipient (T2S) with the evidence for NRO which ensures that the originator (T2S Actor) will not be able to deny having sent the U2A instruction. The evidence of origin is generated by the originator and held by the recipient.

BFD-chapter 9 ANNEX B – TECHNICAL ANNEX, page 173**1) Web-based GUI – supported Browsers and versions**

The T2S Web based GUI will support recent versions of common browsers, the browsers Mozilla Firefox and Microsoft Internet Explorer. 2 For both, next to the actual version of these browsers the previous two major versions will be 3 supported by the T2S Web based GUI.

2) Other software requirements and related versions

The T2S Web based GUI is a server based implementation which does not require an installation of software components delivered by the T2S service provider.

The browser must be enabled to work with JavaScript and Java Applets. In order to fulfil certain functionalities in the area of the management of certificates, it might be necessary to install further software components on the PC which should be connected to the T2S system (dependent on the choices of the network provider).

[...]

5) Secured communication, IP ports

HTTPS will be used for the communication between the Web Browser and the T2S Webserver. The T2S actor must ensure that the standard ports used for a browser communication (i.e. the ports for HTTP—80 and HTTPS—443) are opened to allow a communication between the T2S Actor and the T2S System.

6 HW requirements

The T2S Web based GUI has no special requirements regarding the PC used to connect to T2S. Thus any standard commercial state-of-the-art PC can be used for the connection via the T2S GUI. Furthermore a computer mouse and a keyboard are required to use the Web based GUI and unless authentication certificates are stored on a Remote Hardware Security Module at least one USB port is required for authentication facilities (SmartCard reader or USB token). The T2S GUI does not support specialised hardware devices (for example Braille keyboards etc.). The recommended resolution will be at least 1024x768.

[...]

9 Digital signature: NRO

[...] The certificate, the technical specification of the key storage, the policies regarding the PIN and its maintenance will be issued by the Network Service Provider (NSP) selected by the T2S Actor.

The signing procedure has to be supported by the software configuration (browser versions, third party software) installed on the user PC connected to the T2S system, as specified in the NRO technical documentation.

Changes to the UDFS (text overlapping with the purpose and contents of the ESMIG qualified configurations document)UDFS-chapter 1.3.5 Graphical User Interface, page 228

In order to guarantee a standardized presentation, all T2S screens are based on HTML, CSS and JavaScript regarding the recommendations of the W3C and Web Standards.

The T2S GUI can be accessed via standard web browsers without any additional plug-in-based rich internet application frameworks (like "Flash", "Silverlight", and so on).

The T2S GUI does not use Java applications installed on client side. Therefore, no Java Runtime or any other runtimes are required. Java might be necessary for the signature of the U2A messages depending on the PKI implementation and the certificate management (see section Technical connectivity and connectivity services providers [□ 119]).

The layout of T2S U2A screens and forms is optimised for minimum screen resolution of 1024*768 pixels. Higher resolutions are supported as well; using lower screen resolutions can implicate an inconvenient. The requirements in order to use the full functionality of the T2S GUI are:

- JavaScript must be activated in the browser settings;

- ~~Non-persistent cookies should be enabled.~~⁴⁶³

~~With respect to a clean presentation of screens, T2S U2A clients should support in minimum 24-bit Truecolor or; higher colour depth (32-bit) is recommended.~~

Changes to the UHB to document the fact that signed GUI interactions will be archived

UHB-chapter 1.2.1 Setup and Login Procedures, page 42/43

[...]

Hardware Requirements

The following PC requirements are needed for a trouble-free working environment:

- ~~Processor: Minimum of one Gigahertz (GHz), supporting streaming SIMD extensions 2 (SSE2)~~
- ~~RAM: Minimum of one Gigabyte (GB)~~
- ~~Hard disc space: Minimum of 200 Megabyte (MB)~~
- ~~Graphics Adapter: Support of Microsoft DirectX 9 graphics device with Windows display driver model (WDDM)~~
- ~~Screen Settings: Minimum screen resolution of 1024*768 pixels at a colour depth of min. 24-bit true colour. A higher colour depth of 32-bit is supported. Higher resolutions are recommended; using lower screen resolutions can result in an inconvenient display of the GUI.~~

Please refer to ESMIG qualified configurations document annexed to the ESMIG UDFS.

Software Requirements

~~No specific operating system (OS) or other important software is required. In general, every OS is possible that supports the designated browsers.~~

Please refer to ESMIG qualified configurations document.

Supported Web-Browsers and Settings

The following web browsers are supported:

- ~~Mozilla Firefox (latest versions)~~
- ~~Microsoft Internet Explorer (latest versions)~~



Hint

~~Working in multiple windows is not supported.~~

~~Java script is used for validations on the client side therefore 'JavaScript' and 'Cookies' have to be set to 'enabled'. No additional plug-in based internet applications such as flash or silverlight are necessary. The recommended cache size is one to two MB.~~

Please refer to ESMIG qualified configurations document annexed to the ESMIG UDFS.

Firewall Settings

~~The following IP ports must be opened to allow a communication between the T2S actor and the T2S system:~~

- ~~HTTPS Port 443~~

Please refer to ESMIG qualified configurations document annexed to the ESMIG UDFS.

GUI Access

The following steps are necessary for accessing the GUI successfully:

- ~~1. After authentication, on the screen provided by the VANSP, open a standard web browser supported by T2S.~~
- ~~2. Navigate to the T2S start page (URL will be provided by your network provider).~~
- ~~3. Enter your user name and password in the VANSP pop-up.~~
- ~~4. Choose your T2S system user reference in line with the above-mentioned principles.~~
- ~~5. Click on the login button.~~



Hint

~~After 30 minutes of inactivity in the test environment and 10 minutes of inactivity in the live environment T2S will log you out.~~

Users are directed to an initial page named ESMIG portal that ensures proper routing to the web applications the user has been granted to enter.

[...]

UHB-chapter 3.2.1.1 Digital signature, page 1210

This business section describes in a general way the interaction of the actors with the Digital Signature. Signed actions in the T2S GUI are archived together with the signature of the relevant user.

UHB-chapter 4 Trouble Management System Part, page 1395

[...]

Access to TMS

~~There is a URL to access TMS which you can obtain from your T2S Network Service Provider.~~

~~For accessing the tool using one of the following web browsers only the same user ID and password certificate of T2S GUI are to be used:~~

- ~~• Mozilla Firefox~~
- ~~• Microsoft Internet Explorer~~

~~Please note that you need the privilege 'Trouble Management System Access' in order to connect to the TMS database.~~

Class of Privileges	Privilege Name	Privilege Short Name
Other	Trouble Management System Access	TMS Access

~~Please refer to ESMIG qualified configurations document annexed to the ESMIG UDFS.~~

[...]

UHB-chapter 5.1.2.2 Technical Requirements, page 1422

[...]

Supported Web-Browsers

The following web browsers are suggested:

- Mozilla Firefox 78.0 +
- Google Chrome 88.0 +

The required minimum screen resolution is 1366 x 768 pixel. Screen resolutions below this requirement are not supported and can lead to a deviating appearance and functionality of the GUI.

Even if the screen resolution fulfils the requirement defined above, it is important to note that scaling options provided by the operating system and the browser (e.g. 125% or 150%) may cause a deviating appearance and functionality of the GUI. If this is the case, the usage of scaling options is not supported.²⁴

Please refer to ESMIG qualified configurations document annexed to the ESMIG UDFS.

Footnote 24: The content above refers to the later T2S DWH deployment planned for EAC on 1 September 2022

Changes to the URD (text overlapping with the purpose and contents of the ESMIG qualified configurations document, typos and outdated reference to Java applets)

URD-chapter11.9.3 T2S system users, page 260

Table 11-12 T2S system user definition

Attribute	Definition
[...]	
Authentication	[...] Smartcard authentication shall require the T2S system user to identify herself / himself / itself to the system using a smartcard in addition to entering the password.

[...]

URD-chapter 18.7.4.2 Controls against mobile code, page 490

Reference ID	T2S.18.520
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Where the use of mobile code (e.g. Java scripts, Java applets, ActiveX controls, Flash animations, etc.) is authorised, the configuration shall ensure that the authorised mobile code operates according to a clearly defined security policy, and unauthorised mobile code shall be prevented from executing.

[...]

2 EUROSYSTEM UPDATE [T2S SDD CN PBR-0083, PBI-221694]: page 861 ff. (UDFS-chapter 1.6.5.7.6 Billing data collection process), page 1850 (UDFS-chapter 4.1 Index of Business Rules and Error Codes), Message documentation on MyStandards, admi.007 for ESMIG T2-CoCo and T2S MyStandards groups; ESMIG Business Rules

Those changes will allow the users to avoid admi.007 schema validation errors on their side, as well as a more complete knowledge on the fields of the BAH when sending non-registered ISO20022 messages.

UDFS-chapter 1.6.5.7.6 Billing data collection process, page 861 ff.

[...]

Footnote 424/426/430/432: admi.007 messages for the following business cases are not charged

- ICAA001: ~~T2S~~ The service cannot ~~respond~~ reply to the query request within the timeout limit. Store and forward network service will be used.
- ICAA002: ~~T2S~~ The service cannot ~~respond~~ reply via message ~~based~~ network service due to size restriction. File store and forward network service will be used.
- ICAA003: ~~T2S~~ The service cannot respond to the query due to ~~32MB~~ size restriction

[...]

UDFS-chapter 4.1 Index of Business Rules and Error Codes, page 1850

BR NAME	DESCRIPTION	INBOUND MESSAGE	REPLY MESSAGE	CODE	BR NAME	DESCRIPTION
[...]						
ICAA001	T2S <u>The invoked TARGET service</u> responds to the query request within the timeout limit. Message based or file based store and forward network service will be used.	any query message	admi.007		1074	T2S <u>The service</u> cannot respond <u>reply</u> to the query request within the timeout limit. Store and forward network service will be used.
ICAA002	T2S <u>The invoked TARGET service</u> responds to the query request via file store and forward network service as the query response exceeds	any query message	admi.007		1076	T2S <u>The service</u> cannot respond <u>reply</u> via message based network

	the real time message based network service size (oversize handling).					service due to size restriction. File store and forward network service will be used.
ICAA003	T2S The invoked TARGET service is not able to responds to the query request as the query response exceeds the file store and forward network service size limit.	any query message	admi.007		1077	T2S The service cannot respond to the query due to 32MB size restriction
[...]						

Message documentation on MyStandards, admi.007 for ESMIG T2-CoCo and T2S MyStandards groups

Amendment on the error text description of the /Document/RctAck/Rpt/ReqHdlg/Dsc tag in admi_007OversizedAndTimeout_example.xml

3 EUROSYSTEM UPDATE [T2S SDD CN PBR-0084, PBI-221434]: page 600 (UDFS-chapter 1.6.1.14.4 Penalty Eligibility); Calculation of Penalties on SIs with Reason CYCL

The Failing Reasons Dictionary of the Penalty Mechanism will include a new BR associated to Reason CYCL, "Instruction Released During Cut-off", which will be eligible for a penalty "TRUE". This new BR won't be assigned to Settlement Instructions at settlement attempt and hence won't be communicated in any sese.024; this new BR will be used only by the Penalty Mechanism, in order to impose a penalty on Transactions not penalized because both Settlement Instructions of the Transaction got Reason CYCL + "Awaiting Next Settlement Cycle", and hence will only be communicated in semt.044.

An operational tool will be used to:

- I) identify, from Transactions not penalized because both Settlement Instructions got Reason CYCL + "Awaiting Next Settlement Cycle", which instruction - according to the Settlement information - should have been penalized, i.e. the instruction that was released during its relevant cut-off;
- II) assign reason CYCL and the new BR "Instruction Released During Cut-off", to the Penalty Eligibility of the instructions previously identified, and flag it so it is re-processed.

This tool will be used within the 1st BD and the 5th BD of each month, and the penalties generated after the re-processing will be reported as "NEWP" on the List of Modified Penalties report sent on the following BD (6th BD of the month at the latest), and accordingly will be considered in the corresponding Monthly Aggregated Amounts of Penalties.

TABLE 140 - FA ILING REASONS DICTIONARY

Reason Code	Description of the Error	Eligibility Result
...
CYCL	Instruction Released During Cut-off	TRUE

4 EUROSYSYSTEM UPDATE [T2S SDD CN PBR-0085, PBI-221444]: page 2142 ff. (UHB-chapter 6.5.2.69 Message Subscription Rule - New/Edit Screen), page 2162 (UHB-chapter 6.5.2.70 Message Subscription Rule Set - Details Screen); Message Subscription Limits

CRDM validations prevent to set up certain message subscription configurations beyond a certain volume limit. These validations should be lifted for TIPS/CLM/RTGS. The behaviour in T2S remains unchanged.

UHB-chapter 6.5.2.69 Message Subscription Rule - New/Edit Screen, page 2142 ff.

Reference for error message	Field or button	Error Text	Description
...			
DRCF300	- Group field - Submit button	Number of maximum active Message Subscription Rule exceeded	When performing a Message Subscription Rule create request <u>within a T2S Rule Set</u> , the overall number of groups of parameters for the relevant CSD/CB must be compliant with the configuration limit defined in CRDM.
DRCF310	- Submit button	Number of maximum Parameter Values exceeded	When performing a Message Subscription Rule create request <u>within a T2S Rule Set</u> , the overall number of distinct Parameter Values defined for the same Parameter Type for the relevant CSD/CB must be compliant with the configuration limit defined in CRDM.
...			
DRUF300	- Group field - Submit button	Number of maximum active Message Subscription Rule exceeded	When performing a Message Subscription Rule update request <u>within a T2S Rule Set</u> , in case of creation of Message Subscription Rule Parameter, the overall number of groups of parameters for the relevant CSD/CB must be compliant with the

			configuration limit defined in CRDM.
DRUF310	- Submit button	Number of maximum Parameter Values exceeded	When performing a Message Subscription Rule create request <u>within a T2S Rule Set</u> , in case of creation/update of Message Subscription Rule Parameter, the overall number of distinct Parameter Values defined for the same Parameter Type for the relevant CSD/ <u>CB</u> must be compliant with the configuration limit defined in CRDM.

UHB-chapter 6.5.2.70 Message Subscription Rule Set - Details Screen, page 2162

Reference for error message	Field or button	Error Text	Description
...			
DRDF300	- Restore button	Number of maximum active Message Subscription Rule exceeded	When performing a Message Subscription Rule restore request <u>within a T2S Rule Set</u> , the overall number of groups of parameters for the relevant CSD/ <u>CB</u> must be compliant with the configuration limit defined in CRDM.
DRDF310	- Restore button	Number of maximum Parameter Values exceeded	When performing a Message Subscription Rule restore request <u>within a T2S Rule Set</u> , the overall number of distinct Parameter Values defined for the same Parameter Type for the relevant CSD/ <u>CB</u> must be compliant with the configuration limit defined in CRDM.

5 EUROSYSTEM UPDATE [INC-330798]: page 1105, 1108, 1110 (UHB-chapter 2.8.2.7.5 Market-Specific Attributes - Search/List Screen, 2.8.2.7.6 Market-Specific Attribute - Details

Screen, 2.8.2.7.7 Market-Specific Attribute - New/Edit Screen); Editorial Update because of INC000000330798

Market-Specific Attribute screens must be under "T2S → Market-Specific configuration" chapter instead of under "Common" chapter

2.8.1 T2S

2.8.1.5 Market Specific Configuration

~~2.8.2.7.5~~ 2.8.1.5.1 Market-Specific Attributes - Search/List Screen

~~2.8.2.7.6~~ 2.8.1.5.2 Market-Specific Attribute - Details Screen

~~2.8.2.7.7~~ 2.8.1.5.3 Market-Specific Attribute - New/Edit Screen

6 EUROSYSTEM UPDATE [INC-331497]: page 1188, 1193 (UHB-chapter 2.8.2.10.9 Outbound Messages – Search/List, 2.8.2.10.10 Outbound Message – Details); Editorial Update because of INC000000331497

Outbound message sequence number not present in CoCo messages

2.8.2.10.9 Outbound Messages – Search/List

Outbound Message – Search Criteria	
[...]	[...]
<u>Outbound Message Sequence Number from</u>	<p>Enter the lower bound of the search range for the external message sequence number.</p> <p>Required format is: max. 8x Numeric.</p> <p>The sequence number is available once per party technical address.</p> <p>Remark: To search for an outbound message with the sequence number, the sequence number has to be filled with up to 8 digits, without business date prefix. Leading zeros can be omitted. Business date is taken from the separate field. In case the business date field is not filled the current business date is used.</p>
<u>Outbound Message Sequence Number to</u>	<p>Enter the upper bound of the search range for the external message sequence number.</p> <p>Required format is: max. 8x Numeric</p> <p>The sequence number is available once per party technical address.</p> <p>Remark: To search for an outbound message with the sequence number, the sequence number has to be filled with up to 8 digits, without business date prefix. Leading zeros can be omitted. Business date is taken from the separate field. In case the business date field is not filled the current business date is used.</p>
<u>Network Service</u>	Select the name of the network service.

Outbound Messages – List	
[...]	[...]
<u>Sequence Number</u>	Shows the sequence number of the outbound message.
<u>Sender Message Reference</u>	Shows the identification of the outbound message as assigned by the message sender.

2.8.2.10.10 Outbound Message – Details

Outbound Message – Details screen	
[...]	[...]
<u>Outbound Message Sequence Number</u>	<u>Shows the counter for the external message sequence which is available once per party technical address.</u>
<u>Sender Message Reference</u>	<u>Shows the identification of the outbound message as assigned by the message sender.</u>

7 EUROSYSTEM UPDATE [INC-334622]: page 2035 (UHB-chapter 6.5.2.29 CoSD Rule Sets - Details Screen); Editorial Update because of INC000000334622

Missing BR in the UHB

Reference for error message	Field or Button	Error Text	Description
<u>DRDO003</u>	<ul style="list-style-type: none"> <u>! Delete button</u> <u>! Valid from field</u> <u>! Valid to field</u> 	<u>Data to be deleted/restored not found</u>	<u>The delete requests of a CoSD Rule must refer to an existing and active instance with a future Valid From or a past Valid To.</u>

8 EUROSYSTEM UPDATE [INC-331986]: page 82 (UHB-chapter 1.3.2.5 Common Buttons and Icons – Utility Elements table); Editorial Update because of INC000000331986

Restore button added to the list of common buttons

Position No.	Element	Description
[...]	[...]	[...]
<u>3</u>	<u>Delete row icon</u>	<p>... removes the selected row in the corresponding list as well as fields or sub-frames.</p> <p>The <i>delete row</i> icon is only available on <i>new</i> and <i>edit</i> screens.</p>
<u>4</u>	<u>Heart icon, Restore row icon</u>	<p>... restores the selected row in the corresponding list or sub-frames.</p> <p>The <i>Heart</i> icon is only available on <i>lists</i> or <i>sub-frames</i>.</p>
<u>5</u>	<u>Submit changes icon</u>	<p>... updates the selected row in the corresponding list using the values inserted in the related fields.</p> <p>The <i>submit changes</i> icon is only available on <i>new</i> and <i>edit</i> screens.</p>

9 EUROSYSTEM UPDATE [INC-333520]: page 1053 (UHB- 2.8.2.5.5 Report Configurations - Search/List Screen); Editorial Update because of INC000000333520

Cash Account Number field not available in T2S.

Report Configuration – Search Criteria	
[...]	[...]
Cash Account Number	Enter the Cash Account for which the report has been subscribed. Required format is: max. 34x characters. This field is enabled if the Service is different from TIPS <u>and T2S</u> .

10 EUROSYSTEM UPDATE [INC-330540]: page 1176 (UHB- 2.8.2.10.3 Inbound Files – Search/List); Editorial Update because of INC000000330540

Format for field User

Inbound Files – Search Criteria	
[...]	[...]
Received Communication Identification	Enter the internal identification for the inbound communication assigned by the system. Required format is: max. 50x characters.
User	<u>Enter or select the user who initiated the communication under the data scope of the requestor.</u> Required format is: max. 35 characters.

11 EUROSYSTEM UPDATE [Internal Review]: page 903 (UHB-chapter 2.8.2.2.3 Cash Account – New/Edit Screen); Editorial Update because of BRs DCC1204 and DCU1209

The business rules DCC1204 and DCU1209 are functionally connected to the 'Linked account number' field of the Cash account New/Edit screen and need to be updated at the level of this field in the UHB.

Cash Accounts	
[...]	
Linked Account Number	Enter or select the number of the Cash Account or the External RTGS Account to which the Cash Account can be linked. Reference for error message [; 1967]: <u>DCC1204</u>

	DCC1219 DCU1041 DCU1207 <u>DCU1209</u> DCU1208 DCU1215 This field is mandatory if Linked Account Type is used. It is not allowed otherwise. Required format is: max. 34x characters.
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- 12 EUROSYSTEM UPDATE [INC-336771]: Editorial Update because of INC000000336771 - MyS - Update sese.024 message usage examples and pages 1649 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: Party Hold), 1655 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: CSD Validation Hold), 1664 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: Counterparty's Settlement Instruction on Hold), 1699 (UDFS- 3.3.8.5.3 SecuritiesSettlementTransactionStatusAdviceV10 (sese.024.001.10)- The message in business context- Message usage: Execution of a partial release)**

An editorial update is needed in the sese.024 message usage examples available in My Standards, for settlement instructions unmatched, because the 'Matching Status' block is incorrectly missing in all of them. Additionally, the title of one of the message usage examples for sese.024 is to be completed in UDFS.

The sese.024 message usage examples updated in My Standards because of this editorial update, will include the currently missing 'Matching Status' block with value 'Unmatched' and are the following ones:

- sese.024.001.10_T2S_AcceptedPending_Example
- sese.024.001.10_T2S_AcceptedPendingWithHold_Example
- sese.024.001.10_T2S_PendingPartyHold_Example
- sese.024.001.10_T2S_PendingAcceptedwithCSDValidationHold_Example
- sese.024.001.10_T2S_FailingCSDValidationHold_Example
- sese.024.001.10_T2S_PendingNoHoldRemains_Example
- sese.024.001.10_T2S_FailingNoHoldRemains_Example

A sese.024 is also to be uploaded in My Standards for a message usage example included in UDFS but missing in My Standards, i.e.: Message usage example 3: sese.024.001.10_T2S_AcceptedFailing_Example.

Additionally, the title of the following message usage examples for sese.024 are to be also updated for the sake of clarity and consistency:

- Message usage example: sese.024.001.10_T2S_PendingPartyHold_Example
- Message usage example: sese.024.001.10_T2S_AcceptedPendingwithCSDValidationHold_Example
- Message usage example: sese.024.001.10_T2S_PendingCounterpartyOnHold_Example
- Message usage example: sese.024.001.10_T2S_PendingPartialRelease execution_Example 02

UDFS page 1649:

Message usage example: sese.024.001.10_T2S PendingPartyHold_Example.xml

Firstly CSD Participant A (PRTAFRPPXXX) with a securities account '100000123' in T2S has instructed the delivery of 100000 securities ISIN000001 to its counterparty CSD Participant B (CSDPBBICXXX) and its CSD B (CSDBBIC1XXX) versus a payment of 575000, Euros for settlement on the 3/1/2015 (date in the future). The instruction is unmatched. In this example, T2S sends an unmatched and a pending status advice to inform Participant A that its Settlement Instruction has been put on hold.

(...)

UDFS page 1655:

Message usage example: ~~sese.024.001.10_T2S_PendingAcceptedPendingwithCSDValidationHold_Example.xml~~

Firstly CSD Participant A (PRTAFRPPXXX) with a securities account '100000123' in T2S has instructed the delivery of 100000 securities ISIN000001 to its counterparty CSD Participant B (CSDPBBICXXX) and its CSD B (CSDBBIC1XXX) versus a payment of 575000, Euros for settlement on the 3/1/2015 (date in the future). The instruction is sent as unmatched. In this case, the instruction fulfils a negative rejection restriction rule and a CSD Validation Hold rule.

(...)

UDFS page 1664:

Message usage example: ~~sese.024.001.10_T2S_PendingCounterpartyOnHold_Example.xml~~

Firstly CSD A (CSDAFRPPXXX) requests the holding of its CSD Participant A's instruction (with T2S reference 'T1290') setting the CSD Hold indicator to 'true'. In this example T2S informs CSD Participant A's counterparty (CSDPBBICXXX) that its Settlement Instruction 'T1490' (not on hold) is pending because its Counterparty's Settlement Instruction is on Hold providing the references of the counterparty's instruction (T2S reference and the Account owner reference) and the corresponding T2S Matching Reference (Supplementary Data).

(...)

UDFS page 1699

Message usage example: ~~sese.024.001.10_T2S_PendingPartialReleasePendingPartialRelease execution_Example02.xml~~

Firstly CSD Participant B (CSDPBBICXXX) with a securities account '100000456' in T2S has instructed the reception of 100000 securities ISIN000001 from its counterparty CSD Participant A (PRTAFRPPXXX) and its CSD A (CSDABIC1XXX) versus a payment of 575000, Euros for settlement on the 3/1/2015. The instruction is matched. On the Intended Settlement Date, CSD Participant A requests a partial release of 20000 securities of its instruction 'T1290'. T2S sends a pending status advice to the counterpart Settlement Instruction with T2S reference 'T1291' informing the released quantity and the remaining quantity on hold providing the references of the counterparty's instruction (T2S reference and the Account owner reference) and the corresponding T2S Matching Reference (Supplementary Data).

(...)

13 EUROSYSTEM UPDATE [Internal Review]: page 96 ff. (UDFS-chapter 1.2.6.4 Links between cash accounts in T2S and external RTGS accounts); Editorial UDFS Update because distinction between MCA and External RTGS as linked accounts is not specified

Section to be improved to present the possible choice between linking a T2S DCA to a T2 MCA or External RTGS Account with the new features provided by T2-T2S Consolidation.

1.2.6.4 Links between cash accounts in T2S and Main Cash Accounts or external RTGS accounts

~~As previously mentioned (See section [T2S dedicated cash accounts in T2S](#)), CBs can link each T2S dedicated cash account either to an external RTGS account (as previously mentioned, see section [T2S dedicated cash accounts in T2S](#)), or to a T2 Main Cash Account; both should be denominated in the same currency. This link is used to determine the RTGS account (in T2, if it is an MCA, or in the relevant RTGS system for that currency if it is an External RTGS Account) to which liquidity is reimbursed from the T2S dedicated cash account at the end of each settlement day.~~

While MCAs are fully fledged accounts defined in CRDM and used within T2, External RTGS Accounts represent only a reference to the correct Account and RTGS system outside of T2S.

In the following example, CB X defined in T2S a link between a T2S dedicated cash account 123 of a party A and an external RTGS account 456. The external RTGS account 456 in T2S is linked to an RTGS account 456 owned by Party B in the books of the same CB X in the relevant RTGS system. The legal entity holding the T2S dedicated

cash account in T2S does not necessarily have to be the same legal entity holding the RTGS account in the relevant RTGS systems.

Based on this information, at the end of the settlement day, T2S reimburses automatically all the liquidity held in the T2S dedicated cash account to the RTGS account (specified in the external RTGS account) in the relevant RTGS system. Liquidity is not moved from T2S Dedicated Cash Account 123 to External RTGS Account 456 as the latter only provides T2S with the information on the liquidity's final destination; the liquidity reimbursement process relies on the usage of one RTGS dedicated transit account per currency, as described in the following diagram. This implies that T2S does not move the liquidity to be transferred directly from a given T2S dedicated cash account to its corresponding MCA or RTGS account. On the contrary, the retransfer of liquidity is based on the following three-step process:

1 T2S moves the liquidity to be reimbursed from the given T2S dedicated cash account to the RTGS dedicated transit account denominated in the same currency. The transit account is a T2S account which mirrors the transit account in T2 or in the RTGS system;

2 An outbound liquidity transfer for cash sweep is initiated from T2S to T2 or other RTGS. The liquidity is transferred from this RTGS dedicated transit account in T2S to the corresponding T2S dedicated transit account in T2 or the other destination RTGS system;

3 Finally, the liquidity is moved from the T2S dedicated transit account in T2 or the other destination RTGS system to the relevant MCA or RTGS account.

14 EUROSYSTEM UPDATE [SDD-PBR-0082, PBI-221249]: page 600 (UDFS-chapter 1.6.1.14.5 Penalty Mechanism- Penalty Calculation) and pages 306-307 (GFS- chapter 3.4.7.3. Penalty Mechanism – Description of the functions of the module); Penalties with BDs prior CSDR entry into force

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

UDFS chapter 1.6.1.14.5. Penalty Calculation:

(...)

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

1 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.

1 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.

GFS section 3.4.7.3. Penalty Mechanism - Description of the functions of the module

Penalty Preparation:

Reference Id	LCMM.PEM.CAL.3.1.
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For each Penalty to be (re)calculated, this sub-function identifies the Number of business days, and generates the corresponding Sub-amounts:

I 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).

I 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.

Outcome/Decisions:

*CRG on 18 July 2022: the CRG agreed to recommend CR-788 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 25 July 2022: the AMI-SeCo agreed with the CRG recommendation of CR-788 for Steering Level Authorisation and approval.

* CSG on 26 July 2022: the CSG agreed to authorise CR-788 and approved the inclusion of CR-788 in the scope of R6.2.

* NECSG on 26 July 2022: the NECSG agreed to authorise CR-788 and approved the inclusion of CR-788 in the scope of R6.2.

* MIB on 27 July 2022: the MIB agreed to authorise CR-788 and approved the inclusion of CR-788 in the scope of R6.2.

Documentation to be updated:

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

Preliminary assessment:

Not applicable (Editorial CR)

Detailed assessment:

Not applicable (Editorial CR)