



EUROPEAN CENTRAL BANK

EUROSYSTEM

T2S CHANGE REQUEST FORM		
<b>General Information (Origin of Request)</b> <input type="checkbox"/> User Requirements (URD) or GUI Business Functionality Document (BFD) <input checked="" type="checkbox"/> Other User Functional or Technical Documentation (SYS)		
<b>Request raised by:</b> AMI-SeCo / TFOS	<b>Institute:</b> CSD	<b>Date raised:</b> 01/12/2023
<b>Request title:</b> Uprunning and formatting of Collateral References in sese.023		<b>Request No.:</b> T2S 0825 SYS
<b>Request type:</b> Common	<b>Classification:</b> Scope Enhancement	<b>Urgency:</b> Fast-track <sup>1</sup>
<b>1. Legal/business importance parameter<sup>2</sup>:</b> Medium		<b>2. Market implementation efforts parameter<sup>3</sup>:</b> Low
<b>3. Operational/Technical risk parameter<sup>4</sup>:</b> Low		<b>4. Financial impact parameter<sup>5</sup>:</b> Medium
<b>Requestor Category:</b> CSD		<b>Status:</b> Allocated to a release

#### Reason for change and expected benefits/business motivation:

Currently T2S applies the following “freeze approach” for maintenance of T2S customized versions of ISO 20022 messages:

- At the time of writing of this CR in November 2023, the T2S customized versions of ISO20022 messages are based on ISO20022 message versions from 2019.
- As T2S evolves, new versions of the T2S customized messages are generated, but they keep being based on the “frozen” original ISO20022 message versions from 2019.
- In parallel, the ISO20022 standard evolves with the yearly Maintenance Releases, but this evolution is not yet reflected in T2S. In fact, ISO versions and T2S versions evolve independently.

In June 2025, the T2S customized versions will be aligned with the evolved ISO20022 versions via [T2S CR 809 “Alignment of T2S Messages with ISO Maintenance Release 2020 – 2024”](#), which will integrate all changes of ISO Maintenance Release (MR) 2020 – 2024 into the customized T2S message versions.

At this point in time, T2S will launch the “*T2S Unfreeze Strategy*” with the objective for all T2S messages to be updated to the latest ISO20022 base message versions, and from then on, to follow the latest ISO20022 versions via the yearly Maintenance Releases.

In this context, the TFOS was created to provide the market view of how T2S messages can be improved. The initial scope of the work of the TFOS is to review which SWIFT/ISO CRs, implemented since the last freeze of the T2S settlement messages, should be implemented with priority and ideally at the same time with the “*T2S Unfreeze Strategy*”. To implement such scope items, dedicated T2S Change Requests shall be raised.<sup>6</sup>

This Change Request covers an item that was introduced into the ISO standard already 2013 with a recent update, namely, to support the collateral management references in T2S messages according to the following ISO CRs:

- [ISO CR 000445: “Align references between collateral and S&R MTs”](#) (MR 2013)
- [ISO CR 001804: “Align name of “Client Collateral Instruction Identification” \(ISO20022 - CR1040\)”](#) (MR 2022)

The ISO change requests have made available certain collateral management related references into settlement messages.

<sup>1</sup> Fast-track justification: A fast-track approach is requested due to the need to have CR-0825 detailed assessed in parallel with the *T2S-0809-SYS ‘Alignment of T2S Messages with ISO Maintenance Release 2020 – 2024’* to make sure they can be implemented with the first step of the ISO unfreeze strategy..

<sup>2</sup> Legal/business importance parameter was set to “Medium” because T2S Actors will benefit from the option to provide collateral references in the messages.

<sup>3</sup> Market implementation effort parameter was set to “Low” as the change does not imply significant changes to T2S Actors.

<sup>4</sup> Operational/technical risk parameter was set to “Low” because it is not expected that this change will have an operational impact on the T2S Actors.

<sup>5</sup> Low < 100kEUR < Low-Medium < 200 kEUR < Medium < 400kEUR < High < 700kEUR < Very high

<sup>6</sup> In this context TFOS supports the implementation of [T2S CR 807 “Add new reason code in the sese.024 to identify that there is a mismatch in the partial settlement indicator”](#) which implements one of those ISO CRs in T2S.

In T2S, those references are supported in the sese.023 only, as Class "LCMM Instruction Additional Information", however in a way that is not compliant with ISO15022. This shall be adjusted to make them available in a broader set of ISO20022 messages, and in a format that supports coexistence with ISO15022.

This will provide the option for T2S Actors to provide collateral references into sese.023, for internal purpose or for other interested parties via sese.023 copy. The implementation of the CR will also support the interoperability between ISO15022 and ISO20022.

### Description of requested change:

In the sese.023 message, the following collateral-related references are available as Class 'LCMM Instruction Additional Information', i.e., they are supported in the sese.023 but will neither be stored nor processed nor mapped by T2S:

- Client Collateral Instruction Identification:
  - SctiesStlmTxInstr/StlmTpAndAddtlParams/CIntCollInstrId
- Client Triparty Collateral Transaction Identification:
  - SctiesStlmTxInstr/StlmTpAndAddtlParams/CIntTrptyCollTxId
  - *Note: This element is named differently in current T2S sese.023. It will be renamed to this name via ISO [CR 001804: Align name of "Client Collateral Instruction Identification" \(ISO20022 - CR1040\)](#). In this CR, the target name will be used.*
- Triparty Agent Service Provider Collateral Transaction Identification:
  - SctiesStlmTxInstr/StlmTpAndAddtlParams/TrptyAgtSvcPrvdrCollTxId
- Triparty Agent Service Provider Collateral Instruction Identification:
  - SctiesStlmTxInstr/StlmTpAndAddtlParams/TrptyAgtSvcPrvdrCollInstrId

Currently, all those references have type "Max35Text", without any customization. This implies that with the current implementation, coexistence with ISO15022 is not given, i.e., if such references are received in a sese.023 message, it might not be possible to map them into an ISO15022 message.

The screenshot displays the T2S message editor for 'sese.023.001.09\_T2S'. The main table lists the message structure with columns for name, Min, Max, and Restrictions. The 'Client Collateral Instruction Identification' element is highlighted in green. The right-hand pane provides detailed information for this element, including its multiplicity (Optional, Non repetitive [0..1]), type (Max35Text), and XML tag (CIntCollInstrId).

name	Min	Max	Restrictions
Securities Settlement Transaction Instruction V09 (sese.023.001.09)			
Transaction Identification	1	1	123
Settlement Type And Additional Parameters	1	1	
Securities Movement Type	1	1	
Payment	1	1	
Common Identification	0	1	123
Corporate Action Event Identification	0	1	123
Reconciliation Indicator	0	1	
Client Collateral Instruction Identification	0	1	
Client Collateral Transaction Identification	0	1	
Triparty Agent Service Provider Collateral Transaction Identification	0	1	
Triparty Agent Service Provider Collateral Instruction Identification	0	1	
Number Counts	0	1	

**Client Collateral Instruction Identification**

- Multiplicity:** Optional, Non repetitive [0..1]
- Annotations:**
  - Notes:**
    - T2S-Mapping: Class 'LCMM Instruction Additional Information'
    - T2S-Use: Not required in T2S.
- Type:** Max35Text (based on string)
  - minLength: 1
  - maxLength: 35
- Documentation:** Unique identification assigned to the instruction by the client.
- XML Tag:** CIntCollInstrId
- Path:** /Document/SctiesStlmTxInstr/StlmTpAndAddtlParams/CIntCollInstrId

As a first step, those 4 references should be customized in the sese.023 into a format which is compliant with ISO15022:

- minLength: 1
- maxLength: 16
- pattern: `([0-9a-zA-Z\-\?:\(\)\.,\'+]/?([0-9a-zA-Z\-\?:\(\)\.,\'+ ]/?)*[0-9a-zA-Z\-\?:\(\)\.,\'+]+)?`

Additionally, those 4 references shall be unpruned as Class 'LCMM Instruction Additional Information' in the following T2S messages, with a coexistence customization as described above:

- sese.024
  - SctiesSttlmTxStsAdv/TxDtls/CIntCollInstrId
  - SctiesSttlmTxStsAdv/TxDtls/CIntTrptyCollTxId
  - SctiesSttlmTxStsAdv/TxDtls/TrptyAgtSvcPrvdrCollTxId
  - SctiesSttlmTxStsAdv/TxDtls/TrptyAgtSvcPrvdrCollInstrId
- sese.025
  - SctiesSttlmTxConf/AddtlParams/CIntCollInstrId
  - SctiesSttlmTxConf/AddtlParams/CIntTrptyCollTxId
  - SctiesSttlmTxConf/AddtlParams/TrptyAgtSvcPrvdrCollTxId
  - SctiesSttlmTxConf/AddtlParams/TrptyAgtSvcPrvdrCollInstrId
- semt.017
  - SctiesTxPstngRpt/FinInstrmDtls/Tx/CIntCollInstrId
  - SctiesTxPstngRpt/FinInstrmDtls/Tx/CIntTrptyCollTxId
  - SctiesTxPstngRpt/FinInstrmDtls/Tx/TrptyAgtSvcPrvdrCollTxId
  - SctiesTxPstngRpt/FinInstrmDtls/Tx/TrptyAgtSvcPrvdrCollInstrId
- semt.018
  - SctiesTxPdgRpt/Txs/CIntCollInstrId
  - SctiesTxPdgRpt/Txs/CIntTrptyCollTxId
  - SctiesTxPdgRpt/Txs/TrptyAgtSvcPrvdrCollTxId
  - SctiesTxPdgRpt/Txs/TrptyAgtSvcPrvdrCollInstrId

Following the "T2S Unfreeze strategy", the strong preference of the TFOS is to implement this CR together with the implementation of [T2S CR 809 "Alignment of T2S Messages with ISO Maintenance Release 2020 – 2024"](#), currently scheduled for June.2025 release.

#### Submitted annexes / related documents:

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[ISO CR 000445: "Align references between collateral and S&R MTs"](#)

[ISO CR 001804: "Align name of "Client Collateral Instruction Identification" \(ISO20022 - CR1040\)"](#)

#### Outcome/Decisions:

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\*CRG on 30 January 2024: the CRG agreed to recommend CR-0825 for authorisation by the T2S Steering Level, following a fast-track approach.

\*AMI-SeCo on 20 February 2024: the AMI-SeCo agreed with the CRG recommendation of CR-0825 for T2S Steering Level Authorisation.

\*CSG on 20 February 2024: the CSG agreed to authorise CR-0825.

\*NECSG on 20 February 2024: the NECSG agreed to authorise CR-0825.

\*MIB on 28 February 2024: the MIB agreed to authorise CR-0825.

\*PMG on 7 March 2024: the PMG agreed to launch the detailed assessment of CR-0825 with a view of scoping in R2026.JUN.

\*OMG on 2 August 2024: the OMG identified no operational impact from the inclusion of CR-0825 in the scope of R2026.JUN.

\*CRG on 16 October 2024: the CRG agreed to recommend to the PMG the inclusion of CR-0825 in the scope of R2026.JUN.

\*PMG on 17 October 2024: the PMG agreed to recommend the inclusion of CR-0825 in the scope of R2026.JUN.

\*CSG on 28 October 2024: the CSG approved the implementation of CR-0825 with R2026.JUN.

\*NECSG on 28 October 2024: the NECSG approved the implementation of CR-0825 with R2026.JUN.

\*MIB on 29 October 2024: the MIB approved the implementation of CR-0825 with R2026.JUN.

#### Documentation to be updated:

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#### UDFS

##### 4.5.3.3 Statement of transactions. Semt.017:

...

	COLUMN NAME	FORMAT	DESCRIPTION	RULES
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FLAT FILE COLUMN				
...	...	...	...	...
11	Corporate Action Event Identification	CHAR (16)	Identification assigned by the account servicer to unambiguously identify a corporate action event	This field is optional, depending on the information contained in the instruction
12	<u>Triparty Agent Service Provider Collateral Transaction Identification</u>	<u>CHAR (16)</u>	<u>Unique identification identifying the triparty collateral management transaction from the triparty-agent's/service-provider's point of view</u>	<u>This field is optional, depending on the information contained in the instruction</u>
13	<u>Client Triparty Collateral Transaction Identification</u>	<u>CHAR (16)</u>	<u>Unique reference identifying the triparty collateral management transaction from the client's point of view</u>	<u>This field is optional, depending on the information contained in the instruction</u>
14	<u>Client Collateral Instruction Identification</u>	<u>CHAR (16)</u>	<u>Unique identification assigned to the instruction by the client</u>	<u>This field is optional, depending on the information contained in the instruction</u>
15	<u>Triparty Agent Service Provider Collateral Instruction Identification</u>	<u>CHAR (16)</u>	<u>Unique identification assigned to the instruction by the triparty-agent/service-provider</u>	<u>This field is optional, depending on the information contained in the instruction</u>
16	Transaction Activity Code	CHAR(4)	Specifies the type of activity to which this instruction relates.	Possible values: BOLE, CLAI, COLL, CORP, SETT
...	...	...	...	...

**Note: The final numeration in the Flat File column may vary. It will be defined taking also into account the changes implemented by other Change Requests in scope of the same Release (e.g. CR 824).**

4.5.3.4 Statement of pending instructions. Semt.018:

...

FLAT FILE COLUMN	COLUMN NAME	FORMAT	DESCRIPTION	RULES
...	...	...	...	...
10	Corporate Action Event Identification	CHAR (16)	Identification assigned by the account servicer to unambiguously identify a corporate action event	This field is optional, depending on the information contained in the instruction

<u>11</u>	<u>Triparty Agent Service Provider Collateral Transaction Identification</u>	<u>CHAR (16)</u>	<u>Unique identification identifying the triparty collateral management transaction from the triparty-agent's/service-provider's point of view</u>	<u>This field is optional, depending on the information contained in the instruction</u>
<u>12</u>	<u>Client Triparty Collateral Transaction Identification</u>	<u>CHAR (16)</u>	<u>Unique reference identifying the triparty collateral management transaction from the client's point of view</u>	<u>This field is optional, depending on the information contained in the instruction</u>
<u>13</u>	<u>Client Collateral Instruction Identification</u>	<u>CHAR (16)</u>	<u>Unique identification assigned to the instruction by the client</u>	<u>This field is optional, depending on the information contained in the instruction</u>
<u>14</u>	<u>Triparty Agent Service Provider Collateral Instruction Identification</u>	<u>CHAR (16)</u>	<u>Unique identification assigned to the instruction by the triparty-agent/service-provider</u>	<u>This field is optional, depending on the information contained in the instruction</u>
<u>15</u>	Transaction Activity Code	CHAR(4)	Specifies the type of activity to which this instruction relates.	Possible values: BOLE, CLAI, COLL, CORP, SETT
...	...	...	...	...

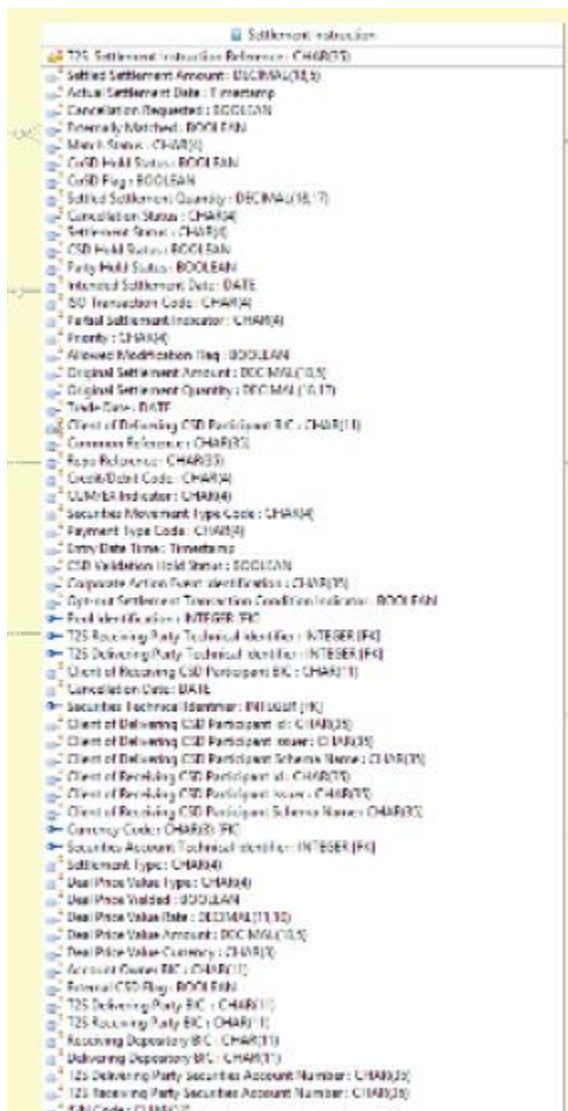
**Note: The final numeration in the Flat File column may vary. It will be defined taking also into account the changes implemented by other Change Requests in scope of the same Release (e.g. CR 824).**

**GFS:**

3.4.2.2 Description of the data related to LCMM Instructions

Settlement Instruction	
	Settled Settlement Amount : Integer
	Actual Settlement Date : Date
	Cancellation Requested : Boolean
	Externally Matched : Boolean
	Match Status : String
	CoSD Hold Status : Boolean
1	CoSD Flag : Boolean
	Settled Settlement Quantity : Integer
*	Cancellation Status : String
	Settlement Status : String
	CSD Hold Status : String
	Party Hold Status : String
0..1	Intended Settlement Date : Date
	ISO Transaction Code : String
	Partial Settlement Indicator : String
	Priority : String
	Allowed Modification Flag : Boolean
	Original Settlement Amount : Integer
	Original Settlement Quantity : Integer
	Trade Date : Date
	Client of Delivering CSD Participant BIC : String
	Common Reference : String
	Repo Reference : String
	Credit/Debit Code : String
	CUM/EX Indicator : String
	Securities Movement Type Code : String
	Payment Type Code : String
	Entry Date Time : Timestamp
.1	CSD Validation Hold Status : Boolean
	Corporate Action Event Identification : String

### 3.4.2.3 Description of the data related to Settlement Instructions



**Preliminary assessment:**

n.a., fast-track approach

**Detailed assessment:**

**EUROSYSTEM ANALYSIS – GENERAL INFORMATION**

T2S Specific Components		Common Components
<b>LCMM</b>		
X	Instructions validation	
X	Status management	
	Instruction matching	
	Instructions maintenance	
	Penalty Mechanism	
<b>Settlement</b>		
X	Standardisation and preparation to settlement	
	Night-time Settlement	
	Daytime Recycling and optimisation	
	Daytime Validation, provisioning & booking	
	Auto-collateralisation	

<b>Liquidity Management</b>			
	Outbound Information Management		
	NCB Business Procedures		
	Liquidity Operations		
<b>T2S Interface</b>		<b>Eurosystem Single Market Infrastructure Gateway (from R6.0 June 2022)</b>	
X	Communication		Communication
	Outbound Processing		Outbound Processing
	Inbound Processing		Inbound Processing
<b>Static Data Management (until June 2022)</b>		<b>Common Reference Data Management (from R6.0 June 2022)</b>	
	Party data management		Party data management
	Securities data management		Securities data management
	Cash account data management		Cash account data management
	Securities account data management		Securities account data management
	Rules and parameters data management		Rules and parameters data management
<b>Statistics and archive</b>		<b>Statistics and archive</b>	
	Statistical information (until June 2022)		Short term statistical information
	Legal archiving (until June 2022)		Legal archiving (from R6.0)
		X	Data Warehouse (from R6.0)
<b>Information (until June 2022 containing reference data)</b>		<b>CRDM business interface (from R6.0 June 2022)</b>	
X	Report management		Report management
	Query management		Query management
			Communication
			Outbound Processing
			Inbound Processing
<b>Operational Services</b>			
	Data Migration (T2S DMT)		Data Migration (CRDM DMT, from R6.0)
	Scheduling (until June 2022)		Business Day Management (from R6.0)
			Business Day Management business interface (from R6.0)
	Billing (until June 2022)		Billing (from R6.0)
			Billing business interface (from R6.0)
	Operational Monitoring		Operational and Business Monitoring
	MOP Contingency Templates		

<b>Impact on major documentation</b>		
<b>Document</b>	<b>Chapter</b>	<b>Change</b>
Impacted GFS chapter	3.4.2.2 Description of the data related to LCMM Instructions	Update the diagram in order to include the new necessary fields.
	3.4.2.3 Description of the data related to Settlement Instructions	Update the diagram in order to include the new necessary fields.
	4.2 Data Model	Update the T2S logical data model to include the new necessary fields.
Impacted UDFS chapter	4.5.3.3 Statement of transactions. semt.017	The reports' format specifications need to be updated in order to include the four new optional fields corresponding to the collateral references assigned, if any.
	4.5.3.4 Statement of pending instructions. semt.018	



<p>Additional deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates) OMEGA Standardized templates)</p>	<p>Securities Settlement Transaction Status Advice (sese.024.001.12)                  Securities Settlement Transaction Confirmation (sese.025.001.11)                  Securities Transaction Posting Report (semt.017.001.12)                  MyStandards T2S Usage Guidelines:                  Securities Settlement Transaction Instruction V11 (sese.023.001.11)                  Securities Transaction Pending Report V13 (semt.018.001.13)                  MyStandards ICL messages T2S-ECMS: sese.023</p>	<p>Customization in Mystandards of sese.024, sese.025 and semt.017 messages to make available the collateral related references including the necessary change of format to support the interoperability between ISO15022 and ISO20022.                   Customization in Mystandards of sese.023 and semt.018 T2S messages to make available the collateral related references including the necessary change of format to support the interoperability between ISO15022 and ISO20022.</p>		
<p>UHB</p>		<p>No impact</p>		
<p>External training materials</p>	<p>--</p>	<p>No impact</p>		
<p>Other impacted documentation (FA Sch. 05, FA Sch. 07)</p>	<p>--</p>	<p>No impact</p>		
<p>Impacted GDPR message/ screen fields</p>	<p>--</p>	<p>No impact</p>		
<p>Links with other requests</p>				
<p>Links</p>	<p>Reference</p>	<p>T2S-0809-SYS</p>	<p>Title</p>	
<p><b>OVERVIEW OF THE IMPACT OF THE REQUEST ON THE T2S SYSTEM AND ON THE PROJECT</b></p>				
<p><b>Summary of functional, development, infrastructure and migration impacts</b></p>				
<p><b>Impact description</b></p> <p>The implementation of this CR implies that:</p> <ul style="list-style-type: none"> <li>- The following collateral references will be reported in a format compliant with ISO15022, in sese.024, sese.025, semt.018 and semt.017 if they are filled in sese.023:                             <ul style="list-style-type: none"> <li>o Client Collateral Instruction Identification</li> <li>o Client Triparty Collateral Transaction Identification</li> <li>o Triparty Agent Service Provider Collateral Transaction Identification</li> <li>o Triparty Agent Service Provider Collateral Instruction Identification</li> </ul> </li> <li>- As currently this information is only provided in sese.023, the mapping logic to retrieve it must be developed.</li> <li>- The same fields must be added in semt.017 and semt.018 flat files.</li> <li>- The Data Migration Tool will not be updated (i.e. no new fields for the new references will be added to the Excel/CSV files used for Settlement Instructions).</li> </ul> <p>For this purpose:</p> <ul style="list-style-type: none"> <li>- The Instruction Validation module needs to be enhanced in order to store and map the four collateral-related references in question.</li> <li>- The Status Management module has to be enhanced in order to apply, in the status advice reporting, the changes described above.</li> </ul>				

- The internal LCMM flows for Statement of pending instructions and Statement of transactions need to be enhanced to include the new fields related to the Collateral references.
- Other internal and external LCMM flows needs to be adapted.
- Logical data model will be updated to include the new fields.
- The Recovery-related tables, views, functions and flows need to be adapted accordingly to consider the impact of this change.

This CR requires the following changes in MyStandards:

Customization for **sese.024**:

Unpruning the following elements:

- */Document/SctiesSttlmTxStsAdvdc/TxDtls/TrptyAgtSvcPrvdrCollTxId*, update the datatype from Max35Text to RestrictedFINMax16Text\_T2S\_1 and add its respective T2S-Use and T2S-Mapping.
- */Document/SctiesSttlmTxStsAdvdc/TxDtls/ClntTrptyCollTxId* and add its respective T2S-Use and T2S-Mapping.
- */Document/SctiesSttlmTxStsAdvdc/TxDtls/ClntCollInstrId*, update the datatype from Max35Text to RestrictedFINMax16Text\_T2S\_1 and add its respective T2S-Use and T2S-Mapping.
- */Document/SctiesSttlmTxStsAdvdc/TxDtls/TrptyAgtSvcPrvdrCollInstrId* and update the datatype from Max35Text to RestrictedFINMax16Text\_T2S\_1 and add its respective T2S-Use and T2S-Mapping.

Customization for **sese.025**:

Unpruning the following elements:

- */Document/SctiesSttlmTxConf/AddtlParams/TrptyAgtSvcPrvdrCollTxId*
- */Document/SctiesSttlmTxConf/AddtlParams/ClntTrptyCollTxId*
- */Document/SctiesSttlmTxConf/AddtlParams/ClntCollInstrId*, update the datatype from Max35Text to RestrictedFINMax16Text\_T2S\_1 and add its respective T2S-Use and T2S-Mapping.
- */Document/SctiesSttlmTxConf/AddtlParams/TrptyAgtSvcPrvdrCollInstrId*, update the datatype from Max35Text to RestrictedFINMax16Text\_T2S\_1 and add its respective T2S-Use and T2S-Mapping.

Customization for **semt.017**:

Unpruning the following elements:

- */Document/SctiesTxPstngRpt/FinInstrmDtls/Tx/TrptyAgtSvcPrvdrCollTxId* and add its respective T2S-Use and T2S-Mapping.
- */Document/SctiesTxPstngRpt/FinInstrmDtls/Tx/ClntTrptyCollTxId* and add its respective T2S-Use and T2S-Mapping.
- */Document/SctiesTxPstngRpt/FinInstrmDtls/Tx/ClntCollInstrId*, update the datatype from Max35Text to RestrictedFINMax16Text\_T2S\_1 and add its respective T2S-Use and T2S-Mapping.
- */Document/SctiesTxPstngRpt/FinInstrmDtls/Tx/TrptyAgtSvcPrvdrCollInstrId*, update the datatype from Max35Text to RestrictedFINMax16Text\_T2S\_1 and add its respective T2S-Use and T2S-Mapping.

MyStandards Usage Guidelines customization for T2S **sese.023**:

- o Change the datatype for the following elements and remove its respective T2S-Use:
- */Document/SctiesSttlmTxInstr/SttlmTpAndAddtlParams/ClntCollInstrId*, update the datatype from [Max35Text] to [RestrictedFINMax16Text\_T2S\_1]
- */Document/SctiesSttlmTxInstr/SttlmTpAndAddtlParams/ClntTrptyCollTxId*, update the datatype from [Max35Text] to [RestrictedFINMax16Text\_T2S\_1]
- */Document/SctiesSttlmTxInstr/SttlmTpAndAddtlParams/TrptyAgtSvcPrvdrCollTxId*, update the datatype

from [Max35Text] to [RestrictedFINMax16Text\_T2S\_1]

- /Document/SctiesSttlmTxInstr/SttlmTpAndAddtlParams/TrptyAgtSvcPrvdrCollInstrId, update the datatype from [Max35Text] to [RestrictedFINMax16Text\_T2S\_1]

MyStandards Usage Guidelines customization for T2S **semt.018**:

- o Unpruning the following elements:
  - /Document/SctiesTxPdgRpt/Txs/TrptyAgtSvcPrvdrCollTxId
  - /Document/SctiesTxPdgRpt/Txs/CIntTrptyCollTxId
  - /Document/SctiesTxPdgRpt/Txs/CIntCollInstrId
  - /Document/SctiesTxPdgRpt/Txs/TrptyAgtSvcPrvdrCollInstrId
- o Change datatype for the following elements:
  - /Document/SctiesTxPdgRpt/Txs/CIntCollInstrId, update the datatype from [Max35Text] to [RestrictedFINMax16Text\_T2S\_1]
  - /Document/SctiesTxPdgRpt/Txs/TrptyAgtSvcPrvdrCollInstrId, update the datatype from [Max35Text] to [RestrictedFINMax16Text\_T2S\_1]

Testing campaign has to be carried out in order to verify the correct storage and reporting of the collateral references in sese.023 copy, sese.024, sese.025 and semt.017 and semt.018 ISO messages. Flat File creation and reporting (semt.017 and semt.018) need to be tested to verify that the collateral references fields are included and reported (only if the information is available) in the reports.

**Main Cost Driver:**

- Software updates in T2S INTF U2A/ A2A, LCMM and DWH [51%]:
  - o Adapt Inbound and Outbound interfaces between T2S INTF A2A and LCMM to transport the new required collateral information. Adapt sese.023 message copy message flow, sese.024 and sese.025 message flows that perform the mapping from the information in (LCMM) to the xml message. Adapt semt.017 message and semt.018 data accesses to retrieve the new collateral information to be reported and map it to the xml messages. Adapt sese.024 and sese.025 recovery flows to transport the new collateral information from the xml message to the backend in the T2S recovery scenario.
  - o Adapt U2A interfaces with LCMM to the new Collateral fields format - import of new schemas sese.023,
  - o Adapt the Instructions Validation module of LCMM – include the new fields in the mapping logic to store the information in database. In Status Management module of LCMM the sub-functions Flat-file Report Data extraction and data collection for messages needs to be enhanced to include the new fields related to the Collateral references. The internal flows for flat-file reports semt.017 and semt.018 need to be adapted to the new mapping requirements. The internal flow from INTF for recovery needs to include the new field in sese.025. The Recovery Message Mapping must be updated for the mapping of collateral references and reporting tables and views will include new fields for the collateral references.
  - o Adapt DWH to consider 4 new fields provided by LCMM.
- Perform extended non-regression test campaign, update the test tools and scenarios [24%].
- Update of internal and user documentation to reflect the changes in LCMM and REM as well as the specifications for sese.023, sese.024, sese.025, semt.017, semt.018 message schemas [12%]

Synergies stemming from the joint implementation of the so called TFOS CRs (T2S-0823-SYS, T2S-0824-SYS) and the ISO related CRs (T2S-0809-SYS, T2S-0807-SYS) in T2S R2026.JUN are considered in this DA to the extent possible.

**Planning for delivery of non-binding XSDs:**

Milestones	Schema
Batch #1	sese.023, sese.024, sese.025
Batch #4	semt.017, 018

The actual delivery dates of Batch #1 and #4 will be aligned with T2S-0809-SYS. No earlier or separate delivery date for the above non-binding XSDs can be defined within the scope of this CR because of the dependency with CR-809 "Alignment of T2S messages with Maintenance Releases 2020-2024", whose implementation is a prerequisite for this CR.

An early delivery of the batches (earlier than 8 weeks before EAC deployment) can be analysed during the detailed reassessment of T2S-0809-SYS and should consider the delivery planning of T2S CRs 809, 807, 823, 824 and 825. However, no blocking issue was identified during this detailed assessment, considered alone, that would prevent an early delivery of sese.023, sese.024, sese.025, semt.017 and semt.018 in June/July 2025 for T2S R2026.JUN.

#### **Impact on other TARGET Services and projects**

Impact on ECMS:

sese.023 (T2S → ECMS): change data type for the related collateral references

sese.024 (T2S → ECMS): ECMS might need to adapt to be able to receive the new fields

sese.025 (T2S → ECMS) : ECMS might need to adapt to be able to receive the new fields

semt.017 (flat file) (T2S → ECMS): ECMS might need to adapt to be able to receive the new fields

semt.018 (flat file) (T2S → ECMS): ECMS might need to adapt to be able to receive the new fields

No impact on T2 and TIPS.

#### **Summary of project risk**

No risks have been identified during detailed assessment.

#### **Security analysis**

No adverse effect has been identified during detailed assessment.



08 October 2024

## Cost assessment on Change Requests

<b>T2S-825-SYS – Uprunning and formatting of Collateral References</b>			
One-off	Assessment costs* - Preliminary - Detailed	not charged 20,000.00	Euro Euro
One-off	Development costs	327,011.42	Euro
Annual	Operational costs - Maintenance costs	31,958.36	Euro
	- Running costs	0.00	Euro

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