



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> 4CB	<b>Institute:</b> 4CB	<b>Date raised:</b> 29/06/2023
<b>Request title:</b> Alignment of T2S Messages with ISO Maintenance Release 2020 – 2024		<b>Request No.:</b> T2S 0809 SYS
<b>Request type:</b> Common	<b>Classification:</b> Standard Compliance	<b>Urgency:</b> Fast-track <sup>1</sup>
1. <a href="#">Legal/business importance parameter<sup>2</sup></a> : High		2. <a href="#">Market implementation efforts parameter<sup>3</sup></a> : High
3. <a href="#">Operational/Technical risk parameter<sup>4</sup></a> : High		4. <a href="#">Financial impact parameter<sup>5</sup></a> : Very high
<b>Requestor Category:</b> 4CB		<b>Status:</b> Allocated to a release

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

As part of the overall plan for yearly updates of the ISO messages versions in use in T2S, the implementation of ISO Maintenance Release 2020 – 2024 is required.

Currently, T2S messages are based on ISO Maintenance Release 2019. Following the unfreeze strategy of Target Services, the upgrade to ISO MR 2020-2024 will ensure an alignment of T2S registered messages with the latest ISO versions of the base messages and usage guidelines.

All impacted ISO registered messages will be migrated, irrespective of the type of change that applies, for instance:

- Changes due to ISO change requests (see below)
- upgrade of schema version resulting from the migration of the base message to a higher version.

For all base (ISO) messages that have been migrated to a higher version due to the ISO maintenance releases 2020-2024, there will be a version upgrade of T2S customized messages in order to align the T2S message versions with the ISO message versions.

The following T2S messages are out of scope of this change request as no change to the current version has been identified in relation to ISO Maintenance Release 2020 - 2024:

admi.006.001.01, admi.007.001.01, camt.018.001.05, camt.019.001.07, reda.015.001.01, reda.016.001.01, reda.031.001.01, reda.042.001.01.

Please note that for camt.019.001.07 only, an alignment with the ISO 20022 standard is required to solve a non-compliance issue, as described below in the context of PBI-228952. However, the current version number of the message will not change since no amendments stemming from ISO Maintenance Release 2020 – 2024 are foreseen.

Also excluded from this change request are the T2S DRAFT messages, which will be migrated to the latest Maintenance Release message versions after the completion of their registration process in 2024 and 2025 and therefore are not in scope of this change request:

<sup>1</sup> Fast-track justification: A fast-track approach is requested because the business need of this change request was confirmed since it was part of the ISO unfreeze strategy approved by the T2S Steering Level.

<sup>2</sup> Legal/business importance parameter was set to 'High' because with this change request implemented, all T2S registered messages will be aligned with the latest ISO versions of the base messages and usage guidelines.

<sup>3</sup> Market implementation effort parameter was set to 'High' because this change will require high efforts (a long implementation time and significant resources) on the side of the majority of Participating CSDs, CBs and their communities for them to make sure that the upgraded messages are supported by their business and technical infrastructure.

<sup>4</sup> Operational/technical risk parameter was set to 'High' because with this change implemented, significant operational impact on the Participating CSDs or CBs could be envisaged due to the magnitude of the changes to be included in the ISO messages.

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

acmt.025, acmt.026, camt.064, camt.065, camt.076, camt.077, head.002, reda.024, reda.025, reda.026, reda.027, reda.028, reda.038, reda.039, reda.040, reda.044, reda.045, reda.046, reda.047, reda.049, reda.050, reda.051, reda.075, reda.077, semt.025, semt.026, semt.027, semt.028, semt.029, semt.030, semt.031, semt.032, semt.033, semt.034, semt.040, semt.044

To ensure the ISO 20022 compatibility with ISO 20022 MR2024 it is necessary to migrate the T2S messages to the newly ISO registered message versions. The impacted messages are:

- acmt.007, will be migrated from acmt.007.001.02 to acmt.007.001.05
- acmt.010, will be migrated from acmt.010.001.02 to acmt.010.001.04
- acmt.011, will be migrated from acmt.011.001.02 to acmt.011.001.04
- acmt.015, will be migrated from acmt.015.001.02 to acmt.015.001.04
- acmt.019, will be migrated from acmt.019.001.02 to acmt.019.001.04
- admi.005, will be migrated from admi.005.001.01 to admi.005.001.02
- camt.003, will be migrated from camt.003.001.07 to camt.003.001.08
- camt.004, will be migrated from camt.004.001.08 to camt.004.001.10
- camt.005, will be migrated from camt.005.001.08 to camt.005.001.11
- camt.006, will be migrated from camt.006.001.08 to camt.006.001.11
- camt.009, will be migrated from camt.009.001.07 to camt.009.001.08
- camt.010, will be migrated from camt.010.001.08 to camt.010.001.09
- camt.011, will be migrated from camt.011.001.07 to camt.011.001.08
- camt.012, will be migrated from camt.012.001.07 to camt.012.001.08
- camt.024, will be migrated from camt.024.001.06 to camt.024.001.08
- camt.025, will be migrated from camt.025.001.05 to camt.025.001.07
- camt.050, will be migrated from camt.050.001.05 to camt.050.001.07
- camt.051, will be migrated from camt.051.001.05 to camt.051.001.07
- camt.052, will be migrated from camt.052.001.08 to camt.052.001.12
- camt.053, will be migrated from camt.053.001.08 to camt.053.001.12
- camt.054, will be migrated from camt.054.001.08 to camt.054.001.12
- camt.066, will be migrated from DRAFT4camt.066.001.01 to camt.066.001.02
- camt.067, will be migrated from DRAFT4camt.067.001.01 to camt.067.001.02
- camt.068, will be migrated from DRAFT4camt.068.001.01 to camt.068.001.02
- camt.069, will be migrated from camt.069.001.03 to camt.069.001.05
- camt.070, will be migrated from camt.070.001.04 to camt.070.001.06
- camt.071, will be migrated from camt.071.001.03 to camt.071.001.05
- camt.072, will be migrated from DRAFT4camt.072.001.01 to camt.072.001.02
- camt.073, will be migrated from DRAFT4camt.073.001.01 to camt.073.001.02
- camt.074, will be migrated from DRAFT4camt.074.001.01 to camt.074.001.02
- camt.075, will be migrated from DRAFT4camt.075.001.01 to camt.075.001.02
- camt.078, will be migrated from DRAFT3camt.078.001.01 to camt.078.001.02
- camt.079, will be migrated from DRAFT4camt.079.001.01 to camt.079.001.02
- camt.080, will be migrated from DRAFT3camt.080.001.01 to camt.080.001.02
- camt.081, will be migrated from DRAFT3camt.081.001.01 to camt.081.001.02
- camt.082, will be migrated from DRAFT3camt.082.001.01 to camt.082.001.02
- camt.083, will be migrated from DRAFT3camt.083.001.01 to camt.083.001.02
- camt.084, will be migrated from DRAFT3camt.084.001.01 to camt.084.001.02
- camt.085, will be migrated from DRAFT4camt.085.001.01 to camt.085.001.02
- colr.001, will be migrated from DRAFT4colr.001.001.01 to colr.001.001.02
- colr.002, will be migrated from DRAFT4colr.002.001.01 to colr.002.001.02
- head.001, will be migrated from head.001.001.01 to head.001.001.04
- reda.006, will be migrated from DRAFT2reda.006.001.01 to reda.006.001.01
- reda.007, will be migrated from DRAFT2reda.007.001.01 to reda.007.001.01
- reda.008, will be migrated from DRAFT2reda.008.001.01 to reda.008.001.01
- reda.009, will be migrated from DRAFT4reda.009.001.01 to reda.009.001.01
- reda.010, will be migrated from DRAFT3reda.010.001.01 to reda.010.001.01
- reda.012, will be migrated from DRAFT5reda.012.001.01 to reda.012.001.01
- reda.013, will be migrated from DRAFT2reda.013.001.01 to reda.013.001.01
- reda.014, will be migrated from reda.014.001.01 to reda.014.001.02
- reda.017, will be migrated from reda.017.001.01 to reda.017.001.02
- reda.018, will be migrated from DRAFT5reda.018.001.01 to reda.018.001.01
- reda.019, will be migrated from DRAFT5reda.019.001.01 to reda.019.001.01

- reda.020, will be migrated from DRAFT5reda.020.001.01 to reda.020.001.01
- reda.021, will be migrated from DRAFT7reda.021.001.01 to reda.021.001.01
- reda.022, will be migrated from reda.022.001.01 to reda.022.001.02
- reda.023, will be migrated from DRAFT5reda.023.001.01 to reda.023.001.01
- reda.029, will be migrated from DRAFT2reda.029.001.01 to reda.029.001.01
- reda.030, will be migrated from DRAFT2reda.030.001.01 to reda.030.001.01
- reda.032, will be migrated from DRAFT4reda.032.001.01 to reda.032.001.01
- reda.033, will be migrated from DRAFT3reda.033.001.01 to reda.033.001.01
- reda.034, will be migrated from DRAFT3reda.034.001.01 to reda.034.001.01
- reda.035, will be migrated from DRAFT3reda.035.001.01 to reda.035.001.01
- reda.036, will be migrated from DRAFT2reda.036.001.01 to reda.036.001.01
- reda.037, will be migrated from DRAFT3reda.037.001.01 to reda.037.001.01
- reda.041, will be migrated from reda.041.001.01 to reda.041.001.02
- reda.043, will be migrated from reda.043.001.01 to reda.043.001.02
- semt.002, will be migrated from semt.002.001.10 to semt.002.001.11
- semt.013, will be migrated from semt.013.001.04 to semt.013.001.06
- semt.014, will be migrated from semt.014.001.06 to semt.014.001.07
- semt.015, will be migrated from semt.015.001.07 to semt.015.001.09
- semt.016, will be migrated from semt.016.001.07 to semt.016.001.09
- semt.017, will be migrated from semt.017.001.09 to semt.017.001.12
- semt.018, will be migrated from semt.018.001.10 to semt.018.001.13
- semt.019, will be migrated from semt.019.001.08 to semt.019.001.10
- semt.020, will be migrated from semt.020.001.05 to semt.020.001.07
- semt.022, will be migrated from semt.022.001.04 to semt.022.001.05
- sese.020, will be migrated from sese.020.001.06 to sese.020.001.07
- sese.021, will be migrated from sese.021.001.05 to sese.021.001.06
- sese.022, will be migrated from sese.022.001.05 to sese.022.001.06
- sese.023, will be migrated from sese.023.001.09 to sese.023.001.11
- sese.024, will be migrated from sese.024.001.10 to sese.024.001.12
- sese.025, will be migrated from sese.025.001.09 to sese.025.001.11
- sese.027, will be migrated from sese.027.001.05 to sese.027.001.07
- sese.028, will be migrated from sese.028.001.08 to sese.028.001.10
- sese.029, will be migrated from sese.029.001.04 to sese.029.001.06
- sese.030, will be migrated from sese.030.001.08 to sese.030.001.09
- sese.031, will be migrated from sese.031.001.08 to sese.031.001.09
- sese.032, will be migrated from sese.032.001.09 to sese.032.001.11

As a result, DRAFT versions of recently registered T2S ISO messages will be replaced with final ISO registered message versions. The impacted messages are:

camt.066, camt.067, camt.068, camt.072, camt.073, camt.074, camt.075, camt.078, camt.079, camt.080, camt.081, camt.082, camt.083, camt.084, camt.085, colr.001, colr.002, reda.006, reda.007, reda.008, reda.009, reda.010, reda.012, reda.013, reda.018, reda.019, reda.020, reda.021, reda.023, reda.029, reda.030, reda.032, reda.033, reda.034, reda.035, reda.036, reda.037.

Sample XML messages on MyStandards and UDFS documentation will also be updated if applicable.

The message versions exchanged between the different TARGET Services (T2, TIPS, T2S and ECMS) will be migrated as well.

Besides these changes, a migration to the new BIC pattern from ISO CR-0751 will be taken into account in this T2S ISO maintenance release CR as agreed during the assessment of T2S-CR-0713.

The ISO CR-0751 was implemented in two steps, consisting of CR-001473 and CR-001578. With this T2S ISO maintenance release CR-0809 **only the second step**, i.e. CR 1578 (ISO CR-0751), as defined with the scope of this T2S CR, will be implemented. The first step, i.e. CR 1473 (ISO CR-0751) will be implemented with a future T2S ISO Maintenance release CR. This procedure and the different implementation is not an issue, as the data types are compatible.

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#### Description of requested change:

The alignment of the T2S messages with ISO Maintenance Releases 2020 – 2024 and the migration of the T2S messages to the official ISO registered versions leads to several changes on the messages. These high level-changes are listed below. However, not every high-level change on the ISO base message will finally require a change in the T2S customized message. Therefore, the detailed description of the updates can be found within the tracking table to be attached to this CR.

The full list of changes which were part of the ISO MRs 2020 - 2024 ("ISO CRs") can be found here: [http://www.iso20022.org/catalogue\\_of\\_change\\_requests.page](http://www.iso20022.org/catalogue_of_change_requests.page)

In addition, MT SRs 2020 – 2024 may also have an impact on ISO messages. The full list of changes which were part of the MT SRs 2020 – 2024 ("CRs") can be found in MyStandards (access restricted to MyStandards registered users): <https://www2.swift.com/mystandards/#/changerequest>

4CB has identified ISO and MT change requests, which impact the T2S customized messages.

- CR 1578 (ISO CR-0751)
- CR 1640<sup>6</sup>
- CR 1658
- CR 1666 (ISO CR-0902)
- CR 1804 (ISO CR-1040)
- CR 1786

The ISO Maintenance Release leads in some cases to the change of TargetNamespace without any other changes of the message. This change conducts to a xsd schema change.

Besides the incorporation of the ISO Maintenance Release and the migration to ISO registered version, the 4CB detected the need to perform some further changes to the T2S messages :

- PBI-228952: camt.019 and acmt.015 not in line with ISO20022 base messages. This PBI will solve INC000000373520 "camt.019 not aligned with ISO standard" and include similar fixes in semt.002 and camt.069 messages to ensure a re-alignment with ISO 20022 standard.- Open CRG-AP and ECB request (Update of one element of sese.023): 4CB to include in the next CR affecting the sese.023 schema an update of the datatype for the element SctiesSttlmTxInstr/SttlmParams/DlvrgSctiesSubBalTp/SchmeNm. This element should not be restricted to the fixed value 'RT'. In addition, the patterns of the RcvgSctiesSubBalTp/SchmeNm and DlvrgSctiesSubBalTp/SchmeNm elements should be aligned (currently 'text{1,4}[a-zA-Z0-9]{1,4}' vs 'fixed value: RT'). As far as the description of 'T2S-Use' (for receiving sub balance type scheme name) is concerned, 'RT' would be the default value (fixed value) and this has to be reflected in the pattern as well. The usage of this field should be proved with an analysis of some meaningful production data (to be done in the Detailed Assessment).

The alignment of the T2S messages with the ISO Maintenance Releases 2020-2024 may lead to changes on the Flat files, DMT files and Securities Valuation flat files.

During the detailed assessment it will be analyzed if there are also changes on the GUI required to ensure the alignment of U2A and A2A as well as contingency tools impacts (AID Tool, Omega Tool, MOP Contingency templates)

Furthermore, an alignment of T2S Recovery with the new MR2024 version of T2S messages is required and the impact on implementation and testing of the T2S recovery solution will be analysed in the scope of this change request (e.g. upgrade of ITEF and TIE test environments).

In T2S, the new message versions will be activated between End of Day and Start of Day.

#### **Submitted annexes / related documents:**

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A file entitled T2S\_0809\_SYS\_attachment, includes all the changes to the T2S messages.

The annex will show only the relevant changes for T2S messages, i.e. all changes that are not applied to the T2S messages will not be included as they represent new functionalities for which dedicated CRs are needed.

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<sup>6</sup> No addition of a code INTS is planned in the scope of T2S CR-809. However, the existing code BYIY ("Buy In") will be deleted from sese.023 according to MT CR 1640 implementation (cf. attachment).

**Outcome/Decisions:**

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- \*CRG on 11 August 2023: the CRG agreed to recommend CR-0809 for T2S Steering Level Authorisation, following a fast-track approach.
- \*CSG on 13 September 2023: the CSG authorised CR-0809.
- \*NECSG on 13 September 2023: the NECSG authorised CR-0809.
- \*AMI-SeCo on 19 September 2023: the AMI-SeCo agreed with the CRG recommendation of CR-0809 for T2S Steering level Authorisation.
- \*MIB on 26 September 2023: the MIB authorised CR-0809.
- \*PMG on 5 October 2023: the PMG agreed to launch the detailed assessment of CR-0809 with a view of scoping in R2025.JUN.
- \*CRG on 3 April 2024: The CRG agreed to approve the new version of the detailed assessment of CR-0809 including camt.019 in the scope of CR-0809.
- \*PMG on 6 June 2024: the PMG agreed to launch the detailed re-assessment of CR-0809 with a view of scoping in R2026.JUN.
- \*CRG on 19 June 2024: the CRG agreed on the proposal by 4CB on the scope of CR-0809, i.e., the CRG agreed with option 2 – 'Exclude fast-track ISO CR-1346 from CR-809 and 4CB to raise an ISO CR to update the message camt.025 Receipt to V9'
- \*CRG on 11 September 2024: the CRG agreed to recommend to the PMG the inclusion of CR-0809 in the scope of R2026.JUN.
- \*OMG on 11 September 2024: the OMG did not identify any operational impact of the inclusion of CR-0809 with R2026.JUN.
- \*PMG on 12 September 2024: the PMG agreed to recommend the inclusion of CR-0809 in the scope of R2026.JUN.
- \*CSG on 19 September 2024: the CSG approved the implementation of CR-0809 with R2026.JUN.
- \*NECSG on 19 September 2024: the NECSG approved the implementation of CR-0809 with R2026.JUN.
- \*MIB on 26 September 2024: the MIB approved the implementation of CR-0809 with R2026.JUN.

**Documentation to be updated:**

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The UDFS will be updated in line with the necessary changes due to the Standards Release 2020 to 2024.

The annex lists all changes on the T2S messages, i.e.

- New message versions
- All changes in the XSD schemas
- New datatype names
- UDFS updates

**Preliminary assessment:**

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n.a., fast-track approach

**Detailed assessment:**

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EUROSYSTEM ANALYSIS – GENERAL INFORMATION			
<b>LCMM</b>			
	Instructions validation		
X	Status management		
	Instruction matching		
	Instructions maintenance		
X	Penalty Mechanism		
<b>Settlement</b>			
X	Standardisation and preparation to settlement		
	Night-time Settlement		
	Daytime Recycling and optimisation		
	Daytime Validation, provisioning & booking		
X	Auto-collateralisation		
<b>Liquidity Management</b>			
	Outbound Information Management		
	NCB Business Procedures		
	Liquidity Operations		
<b>T2S Interface</b>		<b>Eurosystem Single Market Infrastructure Gateway</b> (from R6.0 June 2022)	
	Communication		Communication
X	Outbound Processing		Outbound Processing
X	Inbound Processing		Inbound Processing
<b>Static Data Management (until June 2022)</b>		<b>Common Reference Data Management</b> (from R6.0 June 2022)	
	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)
			Data Warehouse (from R6.0)
<b>Information (until June 2022 containing reference data)</b>		<b>CRDM business interface (from R6.0 June 2022)</b>	
	Report management	X	Report management
X	Query management	X	Query management
			Communication
		X	Outbound Processing
		X	Inbound Processing
<b>Operational Services</b>			
X	Data Migration (T2S DMT)		Data Migration (CRDM DMT, from R6.0)
	Scheduling (until June 2022)	X	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
X	MOP Contingency Templates		

Impact on major documentation		
Document	Chapter	Change
Impacted GFS chapter		No impact.
Impacted UDFS chapter	Chapter 3 Chapter 4.2 – Index of Status Values and codes	Implement Changes from Annex
	1.3.4.2 Message subscription parameter types	Update message path
	1.6.1.14.4 Penalty Eligibility 4.6.3.3 Statement of transactions. semt.017 4.6.3.4 Statement of pending instructions. semt.018	Updates related to change in code from BSSP to BPSS
	Chapter 2 - Dialogue between T2S and T2S Actors Chapter 3 Catalogue of messages	The versioning of the messages has to be updated all along the document. Wording to be provided during the implementation phase.
	Chapter 2 - Dialogue between T2S and T2S Actors Chapter 3 - Catalogue of messages	Changes outlined in the annex (tracking xlsx) to be considered in the UDFS:  Update the technical message Id and the version of the messages
	Section 3.3.2.17.2 The T2S-specific schema > Outline of the schema	Update the usage context of 'Corporate Action Event Identification': New wording: "This tag is optional and non-repetitive. It contains an identification assigned by the account servicer to unambiguously identify a corporate action event." instead of: "This optional non repetitive block is used to unambiguously identify a corporate action event."
	Section 3.3.2.17.2 The T2S-specific schema > Business rules applicable to the schema	Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the item 'AnyBIC'
Section 3.3.2.17.3 The message in business context > Specific message requirements	Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the items: <ul style="list-style-type: none"> <li>'Issuer'</li> <li>'SchemeName'</li> </ul>	
Section 3.3.2.22.2 The T2S-specific schema > Business rules applicable to the schema	Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the items: <ul style="list-style-type: none"> <li>'Linkages'</li> <li>'AnyBIC'</li> </ul>	
Section 3.3.2.23.2 The T2S-specific schema > Outline of the schema	Update the usage context of 'RequestReference':	

	<p>Section 3.3.2.28.2 The T2S-specific schema &gt; Business rules applicable to the schema</p> <p>Section 3.3.5.2.2 The T2S-specific schema &gt; Outline of the schema</p> <p>Section 3.3.5.2.2 The T2S-specific schema &gt; Business rules applicable to the schema</p> <p>Section 3.3.5.2.3 The message in business context &gt; Specific message requirements</p> <p>Section 3.3.5.10.2 The T2S-specific schema &gt; Outline of the schema</p> <p>Section 3.3.6.3.2 The T2S-specific schema &gt; Outline of the schema</p>	<p>New wording:          "This tag is mandatory and non-repetitive. It contains the message reference received in the incoming message when A2A or the reference assigned by T2S when the incoming was via U2A"          instead of:          "This building block is mandatory and non-repetitive. It contains the reference to the unambiguous identification of the modification request."</p> <p>Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the items:</p> <ul style="list-style-type: none"> <li>• 'CashAccountOwner'</li> <li>• 'AnyBIC'</li> <li>• 'ResponsiblePartyIdentification'</li> <li>• 'BalanceFrom'</li> <li>• 'BalanceTo'</li> <li>• 'MessageOriginator'</li> </ul> <p>Update the usage context of 'Corporate Action Event Identification':          New wording:          "This tag is optional and non-repetitive. It contains an identification assigned by the account servicer to unambiguously identify a corporate action event."          instead of:          "This optional non repetitive block is used to unambiguously identify a corporate action event."</p> <p>Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the items:</p> <ul style="list-style-type: none"> <li>• 'AnyBIC'</li> <li>• 'BalanceFrom'</li> <li>• 'BalanceTo'</li> </ul> <p>Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the items:</p> <ul style="list-style-type: none"> <li>• 'Issuer'</li> <li>• 'SchemeName'</li> </ul> <p>Update the usage context of 'Query Reference':          New wording:          "This tag is mandatory and non-repetitive. It contains the identification of the SecuritiesStatusQuery message sent to request this report."          instead of:          "This building block is mandatory and non-repetitive. It contains a unique identification to unambiguously identify the reference of the query."</p> <p>Update 'QueryReference' with 'Reference'          Update the usage context of 'Reference':</p>
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	<p>Section 3.3.6.10.2 The T2S-specific schema &gt; Business rules applicable to the schema</p> <p>Section 3.3.6.12.3 The message in business context &gt; Specific message requirements</p> <p>Section 4.2.1 ISO 20022 Codes</p> <p>CRDM UDFS Chapter 3 – Catalogue of Messages BDM UDFS Chapter 3 – Catalogue of Messages</p>	<p>New wording: "This tag is mandatory and non repetitive. It contains unambiguous identification of the query as per the account owner." instead of: "This building block is mandatory and non repetitive. It contains unambiguous identification of the query as per the account owner." Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the items:</p> <ul style="list-style-type: none"> <li>• 'Reference'</li> <li>• 'Linkages'</li> </ul> <p>Update 'MESSAGE ITEM' and 'DATA TYPE/CODE' for the items:</p> <ul style="list-style-type: none"> <li>• 'Linkages'</li> </ul> <p>Update the status value 'SettlementTransactionCondition10Code' with new one 'SettlementTransactionCondition12Code' Replace the Settlement Transaction Code "BSSP" with the new one "BPSS" as a valid code for Settlement Transaction Condition Code</p> <p>Update the status value 'PriceValueType1Code' with new one 'PriceValueType12Code' Add the new price value type code "NEGA" (Negative Actual Amount)</p> <p>Changes outlined in the tracking xls to be implemented in UDFS.</p>
<p>Additional deliveries for Message Specification (UDFS, MyStandards, MOP contingency templates, OMEGA Standardized templates)</p>	<p><u>MyStandards T2S:</u> admi.005 camt.003 camt.004 camt.005 camt.006 camt.019 camt.025 camt.050 camt.051 camt.052 camt.053 camt.054 camt.069 camt.070</p> <p>colr.001 colr.002</p> <p>head.001</p> <p>semt.002 semt.014 semt.015 semt.017 semt.019</p>	<p>Update of messages to SR 2023/2024 (see annex) Update examples in MyStandards to the new versioning. Apply changes identified in the tracking table.</p>

	<p>semt.020</p> <p>sese.024 sese.020 sese.025 sese.027 sese.028 sese.029 sese.031</p> <p>camt.067 camt.068 camt.074 camt.075 camt.080 camt.081 camt.082 camt.083</p> <p>camt.009 camt.010 camt.066 camt.072 camt.073 camt.078 camt.079 camt.084 camt.085 semt.013 semt.016 semt.018 semt.022 sese.021 sese.022 sese.023 sese.030 sese.032</p> <p>Messages exchanged between T2S-T2: camt.003 camt.004 camt.025 camt.050 camt.053 head.001</p> <p>Messages exchanged between T2S-ECMS: head.001 sese.020 sese.024 sese.025 sese.027 sese.023 sese.032</p> <p>OMEGA Standardized templates: sese.024 sese.025 sese.032 semt.015 camt.054 camt.068</p>	<p>Update the T2S base messages with newly ISO registered message versions: sese.024: from sese.024.001.10 to sese.024.001.12 sese.025: from sese.025.001.09 to sese.025.001.11 sese.032: from sese.032.001.09 to sese.032.001.11 semt.015: from semt.015.001.07 to</p>
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	<p><u>MyStandards CoCo:</u>  acmt.007  acmt.010  acmt.011  acmt.015  acmt.019</p> <p>camt.009 (MR 2024)  camt.010 (MR 2024)  camt.011 (MR 2024)  camt.012 (MR 2024)  camt.019  camt.024  camt.069  camt.070  camt.071</p> <p>reda.006  reda.007  reda.008  reda.009  reda.010  reda.012  reda.013  reda.014 (MR 2024)  reda.017 (MR 2024)  reda.018  reda.019  reda.020  reda.021  reda.022 (MR 2024)  reda.023  reda.029  reda.030  reda.032  reda.033  reda.034  reda.035  reda.036  reda.037  reda.041 (MR 2024)  reda.043 (MR 2024)</p>	<p>semt.015.001.09  camt.054: from camt.054.001.08 to camt.054.001.12  camt.068: from DRAFT4camt.068.001.01 to camt.068.001.02</p> <p>Take into consideration the new x-path of the element &lt;AnyBIC&gt; into the camt.068 message:</p> <p>/Document/IntraBalMvmtConf/CshAcct/Owner/Id/OrgId/CshAcctOwner/Id/Id/<b>AnyBIC</b></p> <p>with new datatype: AnyBICDec2014Identifier and new pattern: [A-Z0-9]{4,4}[A-Z]{2,2}[A-Z0-9]{2,2}([A-Z0-9]{3,3}){0,1} and new multiplicity: [1..1]</p> <p>Changes outlined in tracking xls.</p>
<p>UHB</p>	<p>2.2.2.18 Settlement Instruction – Details Screen</p>	<p>Adaptations related to the change in code from BSSP to BPSS in the field “Settlement</p>

	2.2.2.19 Settlement Instruction – New Screen	Transaction Condition Indicator” of the “Detailed Information” tables in both sections		
External training materials		No impact		
Other impacted documentation (FA Sch. 05, FA Sch. 07)		No impact		
Impacted GDPR message/ screen fields		No impact		
Links with other requests				
Links	Reference		Title	

**OVERVIEW OF THE IMPACT OF THE REQUEST ON THE T2S SYSTEM AND ON THE PROJECT**
**Summary of functional, development, infrastructure and migration impacts**

Update of usage guidelines, schemas and UDFS message chapters resulting from changes introduced by the ISO Standards Release 2020-2024. These are outlined in detail within a tracking table document. The message updates described in the annex have to be implemented within the T2S customised guidelines along with the update of the corresponding message examples.

The "To be checked fields" for business rules IIMP015 and IIMP026 and message subscription "MAPPING BETWEEN APPLICABLE PARAMETER TYPES AND MESSAGE FIELDS" for camt.073, camt.067, camt.068, camt.075 need to be adapted. The mapping table for Total Collateral Value Per T2SDCA and Collateral Value per T2SDCA query will be updated according to CR.

Currently, the block element <Deal Price> is supported in sese.023 T2S message as Class 'LCMM Instruction Additional Information' and not required in T2S.

With ISO CR-XXX (MT CR-1658), the new deal price value type code 'NEGA' (Negative Actual Amount) shall be supported in the sese.023, semt.019, sese.025 and sese.028:

- Negative Actual Amount [NEGA]:
  - SctiesSttlmTxInstr/TradDtIs/DealPric/Tp/ValTp
  - SctiesSttlmTxAllgmtRpt/AllgmtDtIs/DealPric/Tp/ValTp
  - SctiesSttlmTxConf/TradDtIs/DealPric/Tp/ValTp
  - SctiesSttlmTxAllgmtNfctn/TradDtIs/DealPric/Tp/ValTp

Currently, the block element <Exposure Type> is supported with all existing codes in the sese.023 T2S base message as Class 'LCMM Instruction Additional Information' and not required in T2S.

With ISO CR-XXX (MT CR-1786) a new exposure type code 'UDMS' (Uncleared Derivative Margin Segregation) has been added and shall be supported in the sese.023 but will neither be stored nor processed nor mapped by T2S:

- Uncleared Derivative Margin Segregation [UDMS]:
  - SctiesSttlmTxInstr/SttlmParams/XpsrTp/Cd

There is also additional impact due to ISO CR-0902 - Add a new SettlementTransactionCondition code (BPSS):

- In the current version of T2S messages, T2S uses, as a temporary solution, the 'Settlement Transaction Condition' code for the partial successful buy-in 'BSSP' which is filled in the proprietary block of the schema until a new ISO Settlement Transaction Condition is available.
- With ISO MR 2023/2024, a new ISO Settlement transaction condition code is added in messages semt.017, semt.018, sese.023, sese.024, sese.025 and sese.028 (BPSS).
- PM relays on this Settlement Transaction condition code to determine whether a Settlement Instruction is eligible for Penalty or by contrary, is exempted. The process needs to be adapted to use the new code.
- DMT tool, Flat File reports and PM eligibility process has to be adapted to deal with the new code 'BPSS' instead of 'BSSP'.

CR-0807 and CR-0809 have a dependency as described in the CR-0807. Therefore, the CR-0807 cannot be delivered before CR-0809.

**Planning for the non-binding and binding schema files:**

Milestones	From - To	Schema
Batch #1	17.06.2025	camt.004, 019, 025, 050, 053 head.001 semt.020 sese.020, 023, 024, 025, 027, 028, 029, 032
Batch #2	24.06.2025	reda.006, 007, 008, 009, 010, 012, 013, 014, 018, 019, 020, 021, 022, 023, 029, 030, 032 semt.013, 014, 015 sese.030, 031
Batch #3	01.07.2025	camt.003, 005, 006, 009, 010, 011, 012, 024, 051 semt.002

Batch #4	08.07.2025	acmt.007, 010, 011, 015, 019 admi.005 camt.052, 054, 066, 067, 068, 069, 070, 071, 072, 073, 074, 075, 078, 079, 080, 081, 082, 083, 084, 085 colr.001, 002 reda. 017, 033, 034, 035, 036, 037, 041, 043 semt.016, 017, 018, 019, 022 sese.021, 022
Delivery of binding XSD schemas via MyStandards	10 days before EAC Deployment	
<p>To accommodate CSDs request for non-binding XSDs delivery in June 2025 for T2S R2026.JUN, the publication of non-binding usage guidelines in MyStandards is to be realised several weeks earlier prior to EAC deployment than initially planned for R2025.JUN. The earlier delivery causes higher effort on 4CB side and it is expected to investigate and answer more requests during the additional period.</p> <p>According to current Recovery user test planning the deployment onto TIE is scheduled only 2 weeks before PROD and therefore cannot be functionally tested earlier. 4CB propose to initially test this on ITEF. Exact integration into the user testing plan to be discussed with PMG-TF on Recovery. More details will be delivered afterwards, approximately early October.</p>		
<b>Main cost drivers:</b>		
<p>4CB updated the cost assessment as part of the delivery of the updated final CR detailed reassessment. Please note that for this Change Request, we deem the Financial Envelope CoCo repartition Key as most suitable. Therefore, the costs related to Common Components for this Change Request and the corresponding T2 CR-0132-SYS are allocated accordingly to T2S, T2, TIPS and ECMS.</p> <p>In addition, as the corresponding CRs for TIPS and ECMS are not finalised yet, additional final amendments (e.g. costs related to Common Components) or an additional re-assessment might be necessary.</p> <ul style="list-style-type: none"> <li>- Software development/update [26%]</li> <li>- Testing the correct message handling and usages and checking the overall compliance with T2S functions, including quadrilateral tests and tests of T2S Recovery in ITEF/TIE [28%].</li> <li>- Analysis and update of the T2S message usage guidelines and schemas with the changes introduced by SR 2020-2024 including UDFS updates and tracking table attached to the CR including also external experts support [25%]</li> </ul> <p>Synergies related to the joint implementation of the CRs T2S-0807-SYS, T2S-0823-SYS, T2S-0824-SYS and T2S-0825-SYS (TFOS CRs) are considered in the cost assessment of T2S-0809-SYS.</p>		
<b>Impact on other TARGET Services and projects</b>		
<p>Impact on T2: New version for messages exchanged between T2S and T2: camt.003, camt.004, camt.025, camt.050, camt.053, head.001</p> <p>Impact on ECMS: New version and alignment of messages exchanged between T2S and ECMS: head.001, camt.054, sese.020, sese.023, sese.024, sese.025, sese.027, sese.032. . Detailed (re)assessment of the CR ECMS PCR-0111 is still pending and could impact current planning/ reported cost and may require reassessment of the T2S-0809-SYS.</p>		
<b>Summary of project risk</b>		
No risks on the stability or performance of T2S has been identified during the detailed assessment		
<b>Security analysis</b>		
No adverse effect has been identified during security assessment		



28 August 2024

## Cost assessment on Change Requests

T2S-809-SYS – Alignment of T2S Messages with ISO Maintenance Release 2020 – 2024			
One-off	Assessment costs* - Preliminary - Detailed	not charged 30,000.00	Euro Euro
One-off	Development costs	1,949,133.63	Euro
Annual	Operational costs		
	- Maintenance costs	0.00	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).