



EUROPEAN CENTRAL BANK
EUROSYSTEM

T2S CHANGE REQUEST FORM		
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: 22/10/2024
Request title: Upgrade of T2S messages to ISO MR 2025		Request No.: T2S 0841 SYS
Request type: Common	Classification: Standard Compliance	Urgency: Fast-track ¹
1. Legal/business importance parameter² : High		2. Market implementation efforts parameter³ : Low
3. Operational/Technical risk parameter⁴ : Low		4. Financial impact parameter⁵ : (provided by 4CB)
Requestor Category: 4CB		Status: Proposed for 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 2025 is required.

Currently, T2S messages are based on ISO Maintenance Release 2019 and will be upgraded to ISO Maintenance Release 2024 in T2S R2026.JUN. Following the unfreeze strategy of the TARGET Services, the further upgrade to ISO MR 2025 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 release 2025, 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 the alignment with ISO MR 2025 as no change to the current version has been identified in relation to ISO Maintenance Release 2025:

acmt.007.001.05, acmt.010.001.04, acmt.011.001.04, acmt.015.001.04, acmt.019.001.04, admi.005.001.02, admi.006.001.01, admi.007.001.01, camt.003.001.08, camt.004.001.10, camt.005.001.11, camt.009.001.08, camt.010.001.09, camt.011.001.08, camt.012.001.08, camt.018.001.05, camt.019.001.07, camt.024.001.08, camt.050.001.07, camt.051.001.07, camt.066.001.02, camt.067.001.02, camt.068.001.02, camt.069.001.05, camt.070.001.06, camt.071.001.05, camt.072.001.02, camt.073.001.02, camt.074.001.02, camt.075.001.02, camt.078.001.02, camt.079.001.02, camt.080.001.02, camt.081.001.02, camt.082.001.02, camt.083.001.02, camt.084.001.02, camt.085.001.02, colr.001.001.02, colr.002.001.02, head.001.001.04, reda.006.001.01, reda.007.001.01, reda.008.001.01, reda.009.001.01, reda.010.001.01, reda.012.001.01, reda.013.001.01, reda.014.001.02, reda.015.001.01, reda.016.001.01, reda.017.001.02, reda.018.001.01, reda.019.001.01, reda.020.001.01, reda.021.001.01, reda.022.001.02, reda.023.001.01, reda.029.001.01, reda.030.001.01, reda.031.001.01, reda.032.001.01, reda.033.001.01, reda.034.001.01, reda.035.001.01, reda.036.001.01, reda.037.001.01, reda.041.001.02, reda.042.001.01, reda.043.001.02.

Also excluded from this change request are the T2S DRAFT messages, which will be migrated to the latest

¹ 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.

² 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.

³ Market implementation effort parameter was set to set to "Low" as the change does not imply significant changes to T2S Actors.

⁴ 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.

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

Maintenance Release message versions after the completion of their registration process in 2025 and therefore are not in scope of this change request:

acmt.025, acmt.026, camt.076, camt.077, reda.024, reda.025, reda.026, reda.027, reda.028, reda.038, reda.039, reda.040, reda.044, 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.

Furthermore, the business file header (head.002), which was registered in June 2024, will not be migrated from current T2S DRAFT3 head.002.001.01 to the ISO registered head.002.001.01 message in the scope of this change request. This is due to the significant impact of a migration of this message on all TARGET Services and considering CSD's request for an implementation of this change request in T2S R2026.JUN.

To ensure the ISO 20022 compatibility with ISO 20022 MR 2025 it is necessary to migrate the T2S messages to the newly ISO registered message versions. The impacted messages are:

- camt.025, will be migrated from camt.025.001.07 to camt.025.001.09
- camt.052, will be migrated from camt.052.001.12 to camt.052.001.13
- camt.053, will be migrated from camt.053.001.12 to camt.053.001.13
- camt.054, will be migrated from camt.054.001.12 to camt.054.001.13
- camt.064, will be migrated from DRAFT4camt.064.001.01 to camt.064.001.01 (tbc)
- camt.065, will be migrated from DRAFT4camt.065.001.01 to camt.065.001.01 (tbc)
- reda.045, will be migrated from DRAFT4reda.045.001.01 to reda.045.001.01
- reda.046, will be migrated from DRAFT4reda.046.001.01 to reda.046.001.01
- reda.047, will be migrated from DRAFT4reda.047.001.01 to reda.047.001.01
- reda.049, will be migrated from DRAFT2reda.049.001.01 to reda.049.001.01
- reda.050, will be migrated from DRAFT2reda.050.001.01 to reda.050.001.01
- reda.051 will be migrated from DRAFT2reda.051.001.01 to reda.051.001.01
- semt.002, will be migrated from semt.002.001.11 to semt.002.001.12
- semt.013, will be migrated from semt.013.001.06 to semt.013.001.07
- semt.014, will be migrated from semt.014.001.07 to semt.014.001.08
- semt.015, will be migrated from semt.015.001.09 to semt.015.001.10
- semt.016, will be migrated from semt.016.001.09 to semt.016.001.10
- semt.017, will be migrated from semt.017.001.12 to semt.017.001.13
- semt.018, will be migrated from semt.018.001.13 to semt.018.001.14
- semt.019, will be migrated from semt.019.001.10 to semt.019.001.11
- semt.020, will be migrated from semt.020.001.07 to semt.020.001.08
- semt.022, will be migrated from semt.022.001.05 to semt.022.001.06
- sese.020, will be migrated from sese.020.001.07 to sese.020.001.08
- sese.021, will be migrated from sese.021.001.06 to sese.021.001.07
- sese.022, will be migrated from sese.022.001.06 to sese.022.001.07
- sese.023, will be migrated from sese.023.001.11 to sese.023.001.12
- sese.024, will be migrated from sese.024.001.12 to sese.024.001.13
- sese.025, will be migrated from sese.025.001.11 to sese.025.001.12
- sese.027, will be migrated from sese.027.001.07 to sese.027.001.08
- sese.028, will be migrated from sese.028.001.10 to sese.028.001.11
- sese.029, will be migrated from sese.029.001.06 to sese.029.001.07
- sese.030, will be migrated from sese.030.001.09 to sese.030.001.10
- sese.031, will be migrated from sese.031.001.09 to sese.031.001.10
- sese.032, will be migrated from sese.032.001.11 to sese.032.001.12

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.064, camt.065, reda.045, reda.046, reda.047, reda.049, reda.050, reda.051.

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

The message versions exchanged with different TARGET Services (T2 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-0809.

The ISO CR-0751 was implemented in two steps, consisting of CR-001473 and CR-001578. With T2S CR-0809 only the second step, i.e. CR 1578 (ISO CR-0751), has been implemented. The first step, i.e. CR 1473 (ISO CR-0751) will be implemented as defined in the scope of this T2S CR. As a result, the BIC pattern is expected to be aligned across all T2S usage guidelines that are based on registered ISO messages (with the exception of DRAFT

messages). This change requires no update of message version for the messages impacted.

The BIC datatype will also be aligned in messages used in the internal communication between TARGET services, when the old or a customized datatype is currently still in use. This applies for instance to all BIC elements present in the head.001 message where a customized datatype can be adapted to the new ISO datatype to ensure an alignment.

All T2S messages impacted by this change will be listed in the annex.

Description of requested change:

The alignment of the T2S messages with ISO Maintenance Releases 2025 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 MR 2025 ("ISO CRs") can be found here: http://www.iso20022.org/catalogue_of_change_requests.page

In addition, MT SR 2025 may also have an impact on ISO messages. The full list of changes which were part of the MT SRs 2025 ("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.

- ISO CR-1406
- ISO CR-1416
- MT CR 2003

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.

The alignment of the T2S messages with the ISO Maintenance Releases 2025 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 MR 2025 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:

A file entitled T2S_0841_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.

Outcome/Decisions:

*CRG on 13 November 2024: the CRG agreed to recommend CR-0841 for authorisation by the T2S Steering Level, following a fast-track approach.

*AMI-SeCo on 26 November 2024: the AMI-SeCo agreed with the CRG recommendation of CR-0841 for T2S Steering Level Authorisation.

*CSG on 26 November 2024: the CSG agreed to authorise CR-0841.

*NECSG on 26 November 2024: the NECSG agreed to authorise CR-0841.

*MIB on 5 December 2024: the MIB agreed to authorise CR-0841.

*PMG on 10 December 2024: the PMG agreed to launch the detailed assessment of CR-0841 with a view of scoping in R2026.JUN.

*CRG on 28 November 2024: the CRG took note that the implementation of ISO CR-1404 in the ISO 20022 base messages camt.067 and camt.068 could not be achieved in the current maintenance cycle (MR2025) and thus will be postponed to MR2026. Accordingly, ISO CR-1404 was removed from the scope of CR-841, meaning that the supplementary data element "supl.021" will be used further both in T2S camt and semt messages. A change to integrate the reference in the payload of T2S messages can be envisaged later with the upgrade to ISO MR2026 (for camt and semt), once the ISO CR is fully implemented on ISO 20022 base message level.

Documentation to be updated:

Preliminary assessment:

Detailed assessment:
