

T2S CHANGE REVIEW GROUP

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Outcome

Meeting of the T2S Change Review Group (CRG)

07 July 2021, from 10:00 to 16:00 CET (held remotely)

1. Introductory remarks and approval of the agenda

Outcome

The CRG chairperson, Karen Birkel, welcomed the participants and introduced the meeting, held remotely due to COVID-19 precautionary measures. In anticipation of their upcoming departure from the CRG, the chairperson thanked Frederik Løkkegaard, from VP Securities and Martina Zardinoni, from the ECB team, for their valuable contributions to the work of the group.

The CRG approved the agenda of the meeting. The CRG was informed that the T2S Steering Level approved several Change Requests¹ related to the migration of Euroclear Finland to T2S, planned on 11 September 2023.

The CRG took note that the ECMS project team has published several user-oriented documents (message usage guide, credit claim schemas, U2A and A2A roles) on the [ECB website](#).

2. Outcome of previous meetings and CRG action points

Background documentation

- Outcome of the CRG meeting on 25 May 2021
- List of CRG action points
- List of messages used in TARGET Services + designated “leading group” (AP-3914)

Outcome

The CRG members approved the outcome of the CRG meeting on 25 May 2021. The final outcome was published on the [ECB Website](#).

The ECB team provided an update on the status of the open CRG action points. The CRG took note, in particular, of the following:

AP-4012 (ECB to seek the OMG view on Legal archiving design for the CRDM-triggered liquidity transfers): the CRG took note that a presentation on the back-tracing procedure for Legal archiving had been distributed to the OMG and agreed to close AP-4012.

AP-3921 (ECB team to ensure that the ongoing work to define a strategy for the long-term evolution of messages used in TARGET Services also includes a review of the principles for message customisation): the CRG took note that the outcome of the CRG discussion on CR-768 (see below) would be taken into account in the ongoing work to

¹ CRs authorized: CR-762 and CR-767. CRs approved for a release (R6.2): CR-751 and CR-752

define a strategy for the long-term evolution of messages used in TARGET Services, and agreed to set the due date of AP-3921 to 9 November 2021.

AP-3914 (ECB team] to provide for discussion a list of messages planned to be used in TARGET Services and their respective coordinating group): the CRG took note of the list of messages used in TARGET Services and was reminded of the “coordinating group” logic, described in November 2019, and of how changes in one Service might result in cross-service impacts in other TARGET Services. In addition, the CRG agreed to distribute the list of messages with the PMG, other TARGET Services and to the Trilateral Group for information.

Follow-up actions

- CRG members to confirm the closure of the action points proposed for closure (AP-4031, AP-4026, AP-4012, AP-3914) [15 July 2021]
- ECB team to distribute the list of messages to the PMG, other TARGET Services and to the Trilateral group for information [09 July 2021]

3. Analysis of change requests

3.1 Change requests under implementation

Background documentation

- T2S-0699-SYS (Decommissioning LTSI, scope and definition of queries and reports and access specifications to Data Warehouse functionalities)
- T2S-0700-SYS (Legal archiving common component for T2S)
- T2S-0700-SYS – Back tracing procedure
- T2S-0722-BFD (Upgrade of non-repudiation for U2A)

Outcome

T2S-0699-SYS (Decommissioning LTSI, scope and definition of queries and reports and access specifications to Data Warehouse functionalities)

The CRG members agreed to the proposed UDFS and GFS wording updates to CR-699, clarifying that with the implementation of CR-699, the scope of the T2S statistical information module would be limited to short term information only. The CRG took note that the description of all T2S-relevant predefined reports in the DWH would be available by end August 2021, and that the outstanding UHB updates (including all UHB screenshots) would be provided by 14 December 2021.

Follow-up actions:

- ECB team to share the updated CR-699 with the T2S technical groups [08 July 2021]
- ECB to provide the UHB updates (including all UHB screenshots) for CR-699 [14 December 2021]

T2S-0700-SYS (Legal archiving common component for T2S)

The CRG members took note of the description of back-tracing procedures that the T2S Operator will use to link an internal message (exchanged between TARGET Services) to an external trigger. The CRG also took note that the OMG would review these procedures and would also discuss how to handle the possibility that a liquidity transfer is triggered by a standing order set up more than 10 years earlier (i.e. beyond the Legal archiving scope). The CRG confirmed that due to the operational nature of these discussions, CRG AP-4012 could be closed.

Follow-up actions:

- ECB team to add the presentation on back-tracing procedures as an annex to CR-700, once approved by the OMG [28 July 2021]

T2S-0722-BFD (Upgrade of non-repudiation for U2A)

The CRG members took note that an updated version of the T2S NRO technical document attached to CR-722 would be provided shortly for CRG members' review. The CRG also took note that to solve the issue of the incompatibility between Go-Sign Desktop and multi-user configurations (e.g. typical setup for organisations using Citrix Terminal Server), 4CB had received from the GSD vendor a modified version of the GSD client software, currently under 4CB testing. The issue is being monitored by the PMG and should 4CB testing be successful, this version of GSD client will be made available to T2S Directly Connected Actors on 15 July 2021 in view of R5.2 testing.

Follow-up actions:

- 4CB to provide an updated version of the T2S NRO technical document [15 July 2021]

3.2 Change requests already authorised at T2S Steering Level (not yet under implementation)

Background documentation

- T2S-0733-SYS (Definition of a classification of transactions for CB T2S data)
- T2S-0753-SYS (Export of T2S cash transactional data from the Data Warehouse to a Eurosystem's analytical platform)
- Summary of the detailed assessment of CR-733 and CR-753
- Additional information on the detailed assessment of CR-733 and CR-753

Outcome

T2S-0733-SYS (Definition of a classification of transactions for CB T2S data)

The CRG members took note of the results of the detailed assessment of CR-733. The ECB team agreed to update the footnote on Financial impact parameters to reflect the increased costs². The CRG agreed to recommend to the PMG the inclusion of CR-733 in the scope of Release 6.0, subject to the update of the footnote of CR-733.

Follow-up actions:

- ECB team to inform the governances of other TARGET Services that CR-733 introduces modifications to the common component DWH, with no cross-Service impact identified [15 July 2021]

T2S-0753-SYS (Export of T2S cash transactional data from the Data Warehouse to a Eurosystem's analytical platform)

The CRG members took note of the results of the detailed assessment of CR-753. A CRG member expressed concerns on the finding that the extractions of data will consume hardware capacity in non-peak hours as this might affect other T2S Actors activity. The CRG invited the ECB team to draw the attention of the OMG to this aspect and to provide their input on the Operational risk parameter, as part of the operational assessment of the CR. Subject to the confirmation by the OMG that the SLAs are not affected or that any operational impact identified by the OMG is considered acceptable, the CRG agreed to recommend to the PMG the inclusion of CR-753 in the scope of Release 7.0.

Follow-up actions:

² After the CRG meeting, the 4CB clarified that the increase in the one-off development costs, compared to the preliminary assessment estimate, was due to the previously unidentified need to develop new functions / introduce a new table in the SETT module of T2S, connected to the classification of cash postings related to auto-collateralisation.

- *ECB team to inform the governances of other TARGET Services that CR-753 introduces modifications to the common component DWH, with no cross-Service impact identified [15 July 2021]*

3.3 Change requests not yet authorised at T2S Steering Level

3.3.1 Change requests under preliminary assessment

Background documentation

- 4CB Follow up on capacity consumption
- T2S-0528-SYS (T2S should allow modification of possible values for an Attribute domain linked to a MSA)
- T2S-0568-SYS (T2S should allow system-wide SME and Security CSD link search via T2S GUI)
- T2S-0631-SYS (The field "value date" should be defaulted to the current business date in the Immediate Liquidity Transfers Screen)
- T2S-0675-SYS (Add ISIN as a search criteria in the 'Eligible counterpart CSDs' screen)
- T2S-0756-SYS (If an instruction is cancelled, then T2S should no longer consider it to be part of a Pool)
- T2S-0757-SYS (T2S should apply a 20-day transformation period for instructions subject to CoSD)
- Preliminary assessment of CR-756 and CR-757

Outcome

4CB Follow up on capacity consumption

On 28 May 2021, the PMG asked the 4CB to analyse whether additional CRs, not impacting T2S modules already facing consumption close to/over capacity, could be considered for implementation to use the remaining free capacity by the end of 2021. The 4CB identified 5 CRs that have not been previously detailed assessed and that could be assessed in two slots having a positive implementation likelihood considering available CR implementation capacity across modules in 2021. The CRG was invited to discuss the proposed Change Requests to decide if there was still a business need and whether the CRs parameters were stable.

T2S-0528-SYS (T2S should allow modification of possible values for an Attribute domain linked to a MSA)

The CRG confirmed that the requirements stated in CR-528 were stable and complete, and agreed to recommend the CR for authorisation by the T2S Steering Level. The CRG members confirmed the following wording for the CR parameters:

- *Legal/business importance: the parameter was changed from High to Medium, as the CR will increase the flexibility available to CSDs in managing Market Specific Attributes*
- *Market implementation efforts: Low as the change does not require adaptations on T2S Actors' side*
- *Operational/technical risk: the parameter was changed from Medium to Low as the CR decreases the need for manual interventions and therefore operational risks*
- *Financial impact parameter: Medium (100-500 kEUR – scale applicable at the time of the preliminary assessment)*

T2S-0568-SYS (T2S should allow system-wide SME and Security CSD link search via T2S GUI)

The CRG confirmed that the requirements stated in CR-568 were stable and complete, and agreed to recommend the CR for authorisation by the T2S Steering Level without the need for a fast-track approach. The CRG members confirmed the following wording for the CR parameters:

- *Legal/business importance: High as the change request addresses an operational issue that might occur when an ISIN is used by many T2S CSDs, especially if the ISIN was issued outside of T2S.*
- *Market implementation efforts: Low as the change affects T2S GUI only.*

- *Operational/technical risk: Low as the change does not have operational impact on the T2S Actors, as the new functionality is optional.*
- *Financial impact parameter: Medium (100-500 kEUR – scale applicable at the time of the preliminary assessment)*

T2S-0631-SYS (The field “value date” should be defaulted to the current business date in the Immediate Liquidity Transfers Screen)

The CRG members agreed to check internally and with their community whether the requirements introduced with CR-631 are still needed, or if the Change Request could be withdrawn.

Follow-up actions:

- *CRG members to confirm the withdrawal of CR-631 [15 July 2021]*

T2S-0675-SYS (Add ISIN as a search criteria in the ‘Eligible counterpart CSDs’ screen)

The CRG confirmed that the requirements stated in CR-675 were stable and complete, and agreed to recommend the CR for authorisation by the T2S Steering Level. The CRG members confirmed the following wording for the CR parameters:

- *Legal/business importance: the parameter was changed from Medium to High as the underlying business situation is frequently encountered and cannot be handled satisfactorily with the current T2S GUI behaviour*
- *Market implementation efforts: Low, as the change does not require adaptations on T2S Actors’ side*
- *Operational/technical risk: the parameter was changed from Medium to Low, as the CR decreases the need for manual interventions and therefore operational risks*
- *Financial impact parameter: Low (<100 kEUR – scale applicable at the time of the preliminary assessment)*

T2S-0756-SYS (If an instruction is cancelled, then T2S should no longer consider it to be part of a Pool)

The CRG members took note of the results of the preliminary assessment of CR-756. The CR initiator indicated that, should a previously complete pool become incomplete after the cancellation of an instruction in that pool, then an instruction linked WITH to the now incomplete pool should receive a status update with the reason LINK for the Pending/Failing status. The CRG had no outstanding questions and recommended CR-756 for authorisation by the T2S Steering level. The CRG confirmed the following wording for the CR parameters:

- *Legal/business importance: Medium as the change increases the usability of the system.*
- *Market implementation efforts: Low as the change is optional for T2S Actors, i.e. they can also decide to stick to the current way for handling of Pools with cancelled instructions*
- *Operational/technical risk: Low as the change does not affect any SLA.*
- *Financial impact parameter: Medium (200-400 kEUR)*

Follow-up actions:

- *CRG members to provide business values for CR-756 [15 July 2021]*

T2S-0757-SYS (T2S should apply a 20-day transformation period for instructions subject to CoSD)

The CRG members took note of the results of the preliminary assessment of CR-757 and had no outstanding questions. The CRG recommended CR-757 for authorisation by the T2S Steering level and CRG members confirmed the following wording for the CR parameters:

- *Legal/business importance: High as the change is needed to comply with Corporate Action Standards for Transformations.*

- *Market implementation efforts: Low as the change does not imply changes to T2S Actors, and enables them to comply with the standards also for instructions subject to COSD.*
- *Operational/technical risk: Low as the change does not affect any SLA*
- *Financial impact parameter: Medium (200-400 kEUR)*

Follow-up actions:

- *CRG members to provide business values for CR-757 [14 July 2021]*

3.3.2 Candidates for preliminary assessment / Newly raised CRs

Background documentation

- T2S-0766-SYS (T2S Settlement Optimisation Analysis)
- T2S-0768-SYS (T2S message customisation should be reduced for sese.024 messages)
- T2S-0768-SYS – Initial 4CB feedback
- T2S-0769-BFD (Add MS Edge to the list of supported browsers for U2A interaction)

Outcome

T2S-0761-URD (RTS Settlement enhancement to cope with massive concurrent settlement attempts)

The CRG took note of the current status of CR-761, i.e. that no recommendation of the CRG on this CR had been made yet. A CRG member renewed their concerns on the possibility that the CR might affect their current operations in T2S, through the functionalities triggered by exceeding certain volume thresholds. The 4CB agreed to check internally whether the CR could be split in two and keep in the scope of CR-761 the mechanisms that are not volume-triggered. For the envisaged volume-triggered mechanisms, Clearstream and Euroclear Finland indicated their interest in further interaction with the ECB and 4CB to determine a suitable way forward, addressing both the underlying business need and the concerns raised so far.

Follow-up actions:

- *4CB to check the possibility of splitting CR-761 and provide an updated version of the CR [14 July 2021]*

T2S-0766-SYS (T2S Settlement Optimisation Analysis)

The CRG took note that CR-766 foresees to generate in an automated way a lighter and pre-formatted version of the Settlement Optimisation Analysis report to reduce production cost on 4CB side. Following the 4CB confirmation that the data used is fully independent from the T2-T2S Consolidation project, the CRG had no outstanding question and agreed to launch the preliminary assessment of CR-766.

T2S-0768-SYS (T2S message customisation should be reduced for sese.024 messages)

The CRG took note that the CR goes beyond the changes to sese.024, and aims at addressing the broader message customisation principles applied in T2S. The CRG invited the ECB team to organise a dedicated workshop after summer 2021 to have a broader discussion on the messages customisation principles in the T2S community and acknowledged that other TARGET Services governances might be approached as well to ensure consistency between the customisation rules of the various TARGET Services.

Follow-up actions:

- *ECB team to organise a dedicated workshop on CR-768 and message customization principles in T2S [31 October 2021]*

T2S-0769-BFD (Add MS Edge to the list of supported browsers for U2A interaction)

The CRG members took note of the requirements introduced by CR-769, and that because the same set of browsers must be supported for all TARGET Services, similar CRs requesting support for MS Edge in U2A mode would be raised in the other TARGET Services. The CRG had no outstanding questions and agreed to recommend CR-769 for authorisation by the T2S Steering Level following a fast-tracked approach, given the proximity of the targeted release (R6.0 June 2022) and the negative impact that the late or non-implementation of this CR would have on DiCoAs using the U2A channel. CRG members confirmed the following wording for the CR parameters:

- *Legal/business importance: High because a significant number of DiCoAs are expected to have MS Edge as preferred browser*
- *Market implementation efforts: Low because the CR reduces the implementation work for DiCoAs that were planning to user Edge, and doesn't require any adaptation for other actors*
- *Operational/technical risk: Low because the CR is not expected to reduce the compatibility of the T2S GUI with other browsers and does not affect the core functionality of T2S.*
- *Financial impact parameter: to be determined by the detailed assessment*

Follow-up actions:

- CRG to provide the business values for CR-769 [15 July 2021]

4. Common Components SDDs

Background documentation:

- Proposal for a simplified release and documentation numbering across TARGET Services
- Common Components SDDs – Planned ECB Website layout

Outcome

Proposal for a simplified release and documentation numbering across TARGET Services

The CRG took note of the proposal on the numbering of releases and documentation across all TARGET Services that will be presented to the Trilateral Group on 19 July 2021, namely, that releases will be numbered according to the month of deployment to Production (e.g. T2S R2024.JUN) and documents numbering will explicitly refer to the corresponding release, rather than the previous separate versioning logic (i.e. 'UDFS for T2S R2024.JUN' rather than 'T2S UDFS v9.0').

Common components in T2S documentation

The CRG took note of the ECB Website layout once the Common Components documentation will be added to the ECB website and that a link to the Common Components section of the Website will be provided under each TARGET Service specific documentation webpage.

5. Any other business

Background documentation

- Proposal on organisation of CRG and PMG 2022 meetings and written procedures
- Delivery plan of change requests
- The following CRG meetings are planned in 2021 (to be confirmed at least 4 weeks in advance)

10 September 2021	10:00-16:00	Webex
9 November 2021	09:30-17:30	ECB Main building

Outcome

Proposal on the organisation of CRG and PMG 2022 meetings and written procedures

The CRG agreed to the proposal of re-organising the meetings calendar for 2022 and having shorter and more frequent (every 4-6 weeks) teleconferences in order to adjust for the delivery of documents and to business needs. In addition, the CRG agreed to have a pre-defined day of the week when written procedures are launched, with the exception of urgent deliverables. Finally, the CRG took note that the ECB will investigate the option of creating DARWIN / ASTRA workflows for more standardized written procedures.

Follow-up actions:

- *ECB team to propose a version of the calendar of 2022 Meetings [10 September 2021]*