

**ECB**  
DG-MIP  
T2-T2S Consolidation

# Timestamps in ISO20022 Messages

TARGET Consolidation Contact Group

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## Background and goal of the presentation

In order to remove ambiguity, CBPR+ and HVPS+ are making time offset (i.e. timezone) mandatory in Time and DateTime message elements. This is currently the case for FIN messages (e.g. MT202 field 13C). This CBPR+/HVPS+ approach allows for interoperability between FIN and ISO 20022.

The T2-T2S consolidation project strives to align T2 as much as possible to HVPS+.

However, consistency between TARGET Services needs to be taken into account, and T2S does not always support the time offset.

The following slides propose an approach to this topic.

# Overview

Alignment between T2 and T2S not strictly needed

T2 Only  
Messages

Shared  
Messages, Intra  
Service Usage

T2S Only  
Messages

Common  
Components  
Messages

Shared  
Messages,  
Cross Service  
Usage

Alignment between T2 and T2S needed

# Guiding principles and proposal

- Time offset will be filled in all Time and DateTime elements in outbound T2 messages
- Time offset will be supported by all Time and DateTime elements in inbound T2 messages
- When a DateTime/Time message element is used only in RTGS, the time offset becomes mandatory
- If a DateTime/Time message element is used both in T2S and RTGS and there is cross-service use, i.e. T2S sends/receives the message from RTGS, we need to force alignment.
  - Main impact: Creation Date Time element in camt.025. This is already removed in T2S and could be pruned in T2 as well.
- If a DateTime/Time message element is used both in T2S and RTGS but there is no cross-service use, the RTGS and T2S UGs may deviate
  - In most such cases, the offset will be mandatory in RTGS and not supported in T2S
- CLM: Align to RTGS (no exceptions)
- Common components: Since there is one UG shared by T2 and T2S, time offsets will not be supported (they will not be accepted in inbound messages and will not be present in outbound messages)
- We are not envisaging any changes to the T2S UG
  - Except for the pruning of Creation Date Time in shared camt.010, 011 and 012

# Thank you for your attention!

 **T2-T2S.Consolidation@ecb.europa.eu**

[www.ecb.europa.eu/paym](http://www.ecb.europa.eu/paym)

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