

## Demystification of ISO 20022 Message Unfreeze Strategy

From payments perspective



T2-CG Meeting 10 December 2024 Market Infrastructure and Payments European Central Bank



- MIB agreed original ISO unfreeze strategy in April 2018 as well as revisions of strategy in April 2022, in March 2023 and in June 2024
- Last update to strategy planning and approach was required in view of revised ECMS go live date
- ISO 20022 message unfreeze strategy foresees:
  - To implement initial step of ISO message unfreeze in June 2026
  - To implement "real-time"\* ISO message maintenance releases (MR) on yearly basis as of November 2026
- Strategy allows for maximum testing by all stakeholders as part of major TARGET Services release in June 2026
- Exceptions to ISO message unfreeze strategy continue to be feasible and to be assessed case by case, e.g. TIPS messages under EPC and NPC governance to remain on ISO MR2019 until further notice

# ISO 20022 message unfreeze strategy across TARGET Services



\* Condition: T2S R2026.FEB to be dropped – similar approach to ISO MR2019 upgrade of T2S in 2020 when T2S Release 4.1 was dropped

- Go-live of ISO 20022 message unfreeze step #1 in June 2026 -> allowing 6 months freeze post ECMS go-live
- At minimum step #1 will upgrade messages from MR2019 to MR2024
- Depending on MR2025 size and dedicated CR assessment, decision to be taken in May 2025 on either:
  - Step #1 to upgrade messages from MR2019 to MR2025 and step #2 from MR2025 to MR2026 -> business preference
  - Step #1 to upgrade messages from MR2019 to MR2024 and step #2 from MR2024 to MR2026 -> fall-back
- □ ISO 20022 message unfreeze step #2 allowing for real-time maintenance releases as of November 2026
- Envisaged start of interoperability testing at EAC-level by end of 2025 requires dropping T2S R2026.FEB\*

# Effort on ISO 20022 message unfreeze strategy from T2 perspective

|                       | 20     | 20     | 20     | 21               | 20     | 22                         | 20  | 23                                   | 20     | 24   | 20     | 25   | 20   | 26               | 20     | )27    | 20     | 28     | 20     | 29     |      |
|-----------------------|--------|--------|--------|------------------|--------|----------------------------|---|--------------------------------------|--------|--|--------|--|--|------------------|--------|--------|--------|--------|--------|--------|------|
|                       | Jun-20 | Nov-20 | Jun-21 | Nov-21           | Jun-22 | Nov-22                     | Jun-23  | Nov-23                               | Jun-24 | Nov-24   | Jun-25 | Nov-25   | Jun-26   | Nov-26           | Jun-27 | Nov-27 | Jun-28 | Nov-28 | Jun-29 | Nov-29 |      |
| Effort                |        |        |        |                  |        |                            | ISO 20022<br>Migration in : : : : : : : : : : : : : : : : : : |                                      |        |  |        |  | MR2020<br>MR2021<br>MR2022<br>MR2023<br>MR2024<br>MR2025 | MR2025<br>MR2026 |        | MR2027 |        | MR2028 |        | MR2029 |      |
| Effort<br>accumulated |        | MR2020 |        | MR2020<br>MR2021 |        | MR2020<br>MR2021<br>MR2022 |   | MR2020<br>MR2021<br>MR2022<br>MR2023 |        | MR2020<br>MR2021<br>MR2022<br>MR2023<br>MR2024 |        | MR2020<br>MR2021<br>MR2022<br>MR2023<br>MR2024<br>MR2025 | 1  |                  |        |        |        |        |        |        | Time |

Significant effort has been invested on ISO 20022 migration to MR2019 as part of T2 go live in March 2023

- ISO 20022 message unfreeze will require additional effort in preparation of T2 release in June 2026 as well as in November 2026
- Additional effort has accumulated due to "freeze" of message versions in past years
- Post-unfreeze effort for message maintenance is expected to be smaller and distributed more evenly across time compared to one-off catch up to five ISO 20022 MR message versions in June 2026

# ISO 20022 message unfreeze strategy in conjunction with payments market practice evolution

|                       | 20  | 2020   |                   | 2021                                  |         | 2022  |                                       | 23  | 20       | 24  | 20     | 25   | 20   | )26   | 20     | 27                        | 20     | 28                               | 20     | )29                              |      |
|-----------------------|---|--------|-------------------|---------------------------------------|---------|---|---------------------------------------|---|----------|---|--------|--|--|---|--------|---------------------------|--------|----------------------------------|--------|----------------------------------|------|
|                       | Jun-20  | Nov-20 | Jun-21            | Nov-21                                | Jun-22  | Nov-22  | Jun-23                                | Nov-23  | Jun-24   | Nov-24  | Jun-25 | Nov-25   | Jun-26   | Nov-26  | Jun-27 | Nov-27                    | Jun-28 | Nov-28                           | Jun-29 | Nov-29                           |      |
| Effort                |   |        |                   |                                       |         |   | ISO 20022<br>March 2023<br>March 2023 |   | 1        | HVPS+<br>UG2021.2<br>UG2022<br>UG2023<br>UG2024 |        | HVPS+<br>UG2025<br>Hybrid<br>Address<br>Step #1          | MR2020<br>MR2021<br>MR2022<br>MR2023<br>MR2024<br>MR2025 | HVPS+<br>UG2026<br>Hybrid<br>Address<br>Step #2<br>MR2025<br>MR2026 |        | HVPS+<br>UG2027<br>MR2027 |        | HVPS+<br>UG2028<br>TBC<br>MR2028 |        | HVPS+<br>UG2029<br>TBC<br>MR2029 |      |
| Effort<br>accumulated |   | MR2020 | HVPS+<br>UG2021.1 | MR2020<br>MR2021<br>HVPS+<br>UG2021.2 |         | MR2020<br>MR2021<br>MR2022<br>HVPS+<br>UG2021.2<br>UG2022 |                                       | MR2020<br>MR2021<br>MR2022<br>MR2023<br>HVPS+<br>UG2021.2<br>UG2022<br>UG2023 |          | MR2020<br>MR2021<br>MR2022<br>MR2023<br>MR2024  |        | MR2020<br>MR2021<br>MR2022<br>MR2023<br>MR2024<br>MR2025 |  |   |        |                           |        |                                  |        |                                  | Time |
|                       | A subset of T2 RTGS message usage guidelines (UGs) are based on international market practice guidance developed by HVPS+ |        |                   |                                       |         |   |                                       |   |          |   |        |  |  |   |        |                           |        |                                  |        |                                  |      |
|                       | 72 R20  | )24.NC | V cau             | ght up                                | on late | est dev   | elopm                                 | ents e  | .g. alig | nment   | betwe  | en H∖  | /PS+ v   | vith cha  | ange r | equest                    | (CR)   | T2-012                           | 25     |                                  |      |

- CR T2-0125 is comparable in size and complexity with ISO 20022 unfreeze CR T2-0132 which will be implemented in June 2026
- Payments market practice on usage of hybrid postal address will require T2 adoption before and after first ISO unfreeze step
- Additional message related T2 changes are expected in coming years due to payments market practice evolution

## ☐ ISO maintenance-driven technical changes versus T2 community-driven functional changes

- "Technical" real-time ISO maintenance release changes:
  - Why? Aligning existing T2 schemas with yearly maintenance release of ISO 20022 standard to stay compliant and enable a subsequent implementation of functional changes that require latest maintenance release version
  - What? Technical enhancements of T2 schemas and documentation which are used in current implementation and are mandatory. Technical changes which do not introduce new T2 functionality
  - Who? 4CB as service provider to raise related CRs
  - When? CRs to be raised around September/October for implementation in T2 November release of following year, as of T2 R2026.NOV
- "Functional" T2 community-driven changes with message schema impact:
  - Why? Adding new functionality to T2 by introducing optional ISO 20022 enhancements in T2 schema due to business demand
  - What? Functional enhancement in T2 that usually require software changes in addition to T2 schema changes as well as addition or amendment of elements when it responds to a new business or user requirement
  - Who? T2 community to raise related CRs
  - When? CRs raised anytime, to be ranked and authorised by T2-WG for implementation in future T2 June or November releases according to change and release management schedule

# Hygiene effect of "real-time" ISO message maintenance releases

#### Improved stability and resilience:

Regular technical updates allow for timely correction of flaws in outdated base message versions by enabling new elements in messages (payments return - pacs.004) or by correcting typos in message elements and definitions ("interbank" vs. "inter bank") which otherwise may lead to data truncation or misunderstandings

#### Enhanced time-to-market:

 Regular technical updates allow for timely implementation of newly registered messages or newly introduced message elements, data types and patterns (external code lists, BIC 2014 identifier) which enable business to enhance services or reduce costs

#### Clear segregation of functional and technical changes:

- Regular technical updates ease business case creation for functional changes which are dependent upon latest base message version. Cost-benefit analysis of functional changes becomes independent from need to justify a lengthy multi-version message update. Cost-benefit analysis can focus on added value to meet business needs
- Eased planning, budgeting and de-risking of required technical changes:
  - Incremental technical updates allow for inclusion in yearly maintenance budget process in a stable fashion. No
    more costly ad-hoc projects on multi-version message updates which are competing with other business projects

## Cverview of message changes by category

- CR T2-0132 annex lists 114 change line items in total
- Four categories of changes can be observed:
  - A. 15 items document TARGET internal changes and hence are **not applicable** for market participants
  - B. 56 items refer to increase of version number in message namespace
  - C. 17 items apply light maintenance of related message types
  - D. 26 items are related to changes in the structured remittance information



## $\bigcirc$ B – Increase of version number in namespace

#### Description:

Update schema version from number used in MR2019 to number applicable in MR2024. For example, update schema version from ReportQueryRequestV01 (admi.005.001.01) to ReportQueryRequestV02 (admi.005.001.02)

#### Before:

<Document xmlns="urn:iso:std:iso:20022:tech:xsd:admi.005.001.01" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:admi.005.001.01 CLM\_ReportQueryRequest\_admi\_005\_ReportQueryRequest\_admi\_005\_001 \_01\_20191030\_1334.xsd">

#### Impacted message types (28):

admi.005, camt.003, camt.004, camt.005, camt.006, camt.007, camt.009, camt.010, camt.011, camt.012, camt.025, camt.029, camt.046, camt.047, camt.048, camt.049, camt.050, camt.053, camt.054, camt.056, head.001, pacs.002, pacs.004, pacs.008, pacs.009, pacs.010, reda.064, reda.065

#### After:

<Document xmlns="urn:iso:std:iso:20022:tech:xsd:admi.005.001.02" xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance" xsi:schemaLocation="urn:iso:std:iso:20022:tech:xsd:admi.005.001.02 CLM\_ReportQueryRequest\_admi\_005\_ReportQueryRequest\_admi\_005\_001 \_02\_20191030\_1334.xsd">

## C – Light maintenance (1/4): New datatype ISOYear in tax remittance information

#### **Description**:

Correct datatype from "ISODate" to "ISOYear" in structured tax remittance information. In detail, the "Year" element related to a tax payment is to be restricted to a calendar year instead of a full date.

## Impacted message types (2): pacs.008, pacs.009

XML paths:

/Document/FICdtTrf/CdtTrfTxInf/UndrlygCstmrCdtTrf/RmtInf/Strd/TaxRmt/Rcrd/Prd/Yr /Document/FICdtTrf/CdtTrfTxInf/UndrlygCstmrCdtTrf/RmtInf/Strd/TaxRmt/Rcrd/TaxAmt/Dtls /Prd/Yr

/Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/TaxRmt/Rcrd/Prd/Yr /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/TaxRmt/Rcrd/TaxAmt/Dtls/Prd/Yr

Before:

<Yr>2024<mark>-12-10</mark></Yr>

#### After:



## C – Light maintenance (2/4): New datatype BICFIDec2014Identifier

| Description:<br>Update datatype from "BICFIIdentifier" to<br>"BICFIDec2014Identifier" in every occurrence of a<br>BIC element. Change in BIC pattern has been<br>implemented with majority of ISO messages with<br>MR2019 already. Alignment of messages is needed<br>which were updated post MR2019. | Impacted message types (2):<br>admi.005, head.001<br>XML paths:<br>/Document/AppHdr/Fr/FIId/FinInstnId/BICFI<br>/Document/AppHdr/To/FIId/FinInstnId/BICFI<br>/Document/AppHdr/RItd/Fr/FIId/FinInstnId/BICFI<br>/Document/AppHdr/RItd/To/FIId/FinInstnId/BICFI<br>/Document/AppHdr/RItd/To/FIId/FinInstnId/BICFI |
|---|---|
| Before:<br>Pattern: [A-Z]{6,6}[A-Z2-9][A-NP-Z0-9]([A-Z0-9]{3,3}){0,1}   | After:<br>Pattern: [A-Z0-9]{4,4}[A-Z]{2,2}[A-Z0-9]{2,2}([A-Z0-9]{3,3}){0,1}   |
| <bicfi>MARKDEFFXXX</bicfi> -> allowed<br><bicfi>0815DEFFXXX</bicfi> -> not allowed<br><bicfi>MARKDE1FXXX</bicfi> -> not allowed<br><bicfi>MARKDEFOXXX</bicfi> -> not allowed  | <bicfi>MARKDEFFXXX</bicfi> -> allowed<br><bicfi>0815DEFFXXX</bicfi> -> allowed<br><bicfi>MARKDE1FXXX</bicfi> -> allowed<br><bicfi>MARKDEFOXXX</bicfi> -> allowed  |

## C – Light maintenance (3/4): New element name for interbank settlement amount / date

#### Description: Impacted message types (2): Correct element name from "Inter Bank Settlement camt.005, camt.007 Amount" to "Interbank Settlement Amount" as well XML paths: as from "Inter Bank Settlement Date" to "Interbank /Document/ModfyTx/Mod/PmtId/LngBizId/IntrBkSttImAmt /Document/GetTx/TxQryDef/TxCrit/NewCrit/SchCrit/PmtSch/PmtId/LngBizId/IntrBkSttImAmt Settlement Date". Impact on documentation side /Document/GetTx/TxQryDef/TxCrit/NewCrit/SchCrit/PmtSch/PmtId/LngBizId/IntrBkSttImDt only. After: Before: <IntrBkSttImAmt Ccy="EUR">100</IntrBkSttImAmt> <IntrBkSttImAmt Ccy="EUR">100</IntrBkSttImAmt> <IntrBkSttImDt>2024-12-27</IntrBkSttImDt> <IntrBkSttImDt>2024-12-27</IntrBkSttImDt>

## C – Light maintenance (4/4): S Externalised reservation type code list

#### **Description:**

Reservation type code list has been externalised and is not hardcoded in message schema anymore. Business rule added to restrict default reservation codes to Cash Reservation "CARE", Highly Urgent Payment Reservation "HPAR" and Urgent Payment Reservation "UPAR" only.

Before:

<Cd>CARE</Cd>

#### Impacted message types (1): camt.048 (CoCo specific)

XML paths: /Document/ModfyRsvatn/RsvatnId/Cur/Tp/Cd /Document/ModfyRsvatn/RsvatnId/Dflt/Tp/Cd

#### After:

#### <Cd>CARE</Cd>

## ○ D – Structured remittance changes (1/4): Simplification of amounts

#### Description:

- a) Referred document information amount and referred document amount elements have been simplified and harmonised.
- b) Related business rules IV00290 and IV00310 have been adjusted to new element structure.
- New business rule has been added to allow only one occurrence of Credit Note "CREN", Due Payable "DUPA" and Remitted "REMI" amounts to ensure interoperability.
- d) Data type has been changed to allow active currency codes only.

## Impacted message types (2): pacs.008, pacs.009

XML paths (listed for pacs.008 only, equivalent list applies for pacs.009): /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/DuePyblAmt/Ccy /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/DscntApIdAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/DscntApIdAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/DscntApIdAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/OttoteAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/CdtNoteAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/CdtNoteAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/LineDtIs/Amt/TaxAmt/Amt/Ccy

/Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/DuePybIAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/DuePybIAmt/Ccy /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/DscntApIdAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/DscntApIdAmt/Amt/Ccy /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/CdtNoteAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/CdtNoteAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/CdtNoteAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/TaxAmt/Amt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/RmtdAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/RmtdAmt /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocAmt/RmtdAmt

### D – Structured remittance changes (2/4): Simplification of amounts\*

| Before: | V & Remittance Information        | ( | ) | 1 | After: | ✓ ♣ Remittance Information                          | 0 | 1 |
|---------|-----------------------------------|---|---|---|--------|---|---|---|
|         | E Unstructured                    |   |   | * |        |   | 0 | * |
|         | V & Structured                    |   |   | * |        | ✓ ♣ Structured                                      | 0 | * |
|         | ✓ ♣ Referred Document Information |   |   | * |        | & Referred Document Information                     | 0 | * |
|         | እ 🍪 Type                          |   |   | 1 |        |   |   |   |
|         | ≣ Number                          |   |   | 1 |        | > 🗞 Type  | 0 | 1 |
|         | Related Date                      | ( | ) | 1 |        | ≣ Number  | 0 | 1 |
|         |                                   |   |   | * |        | > 🗞 Related Date                                    | 0 | 1 |
|         | V 🗞 Line Details                  |   | ) |   |        | ✓ 🎄 Line Details                                    | 0 | * |
|         | > & Identification                |   |   | * |        | > 🗞 Identification                                  | 1 | * |
|         |                                   | ( | ) | 1 |        |   | 0 | 1 |
|         | ✓ & Amount                        | ( | 0 | 1 |        | ·   |   |   |
|         | > 🖬 Due Payable Amount            | ( | ) | 1 |        | ✓ & Amount  | 0 | 1 |
|         | > 🗞 Discount Applied Amount       | C | ) | * |        | V 💩 Remittance Amount And Type                      | 0 | * |
|         | > 🖬 Credit Note Amount            | ( | ) | 1 |        | > "t Type   | 1 | 1 |
|         | > 🗞 Tax Amount                    |   |   | * |        | > 🖬 Arnount   | 1 | 1 |
|         | 🗲 💩 Adjustment Amount And Reason  |   |   | * |        | > 🗞 Adjustment Amount And Reason                    | 0 | * |
|         | > 🖬 Remitted Amount               |   |   | 1 |        | O Textual : Remittance Amount And Type<br>Guideline |   |   |

\* Pictures show "Referred Document Information Amount" element, same structure applies to "Referred Document Amount" element

# ○ D – Structured remittance changes (3/4): ○ Simplification of amounts

1-to-1 mapping table: legacy amount type to generic Remittance Amount And Type:

- 1. Due Payable Amount = DUPA
- 2. Discount Applied Amount:
  - Additional Promotional Discount (APDS) = APDS
  - Standing Discount (STDS) = STDS
  - Terms Discount (TMDS) = TMDS
- 3. Credit Note Amount = CREN
- 4. Tax Amount
  - City Tax (CITY) = CITY
  - County Tax (CNTY) = CNTY
  - Local Tax (LOCL) = LOCL
  - Province Tax (PROV) = PROV
  - State Tax (STAT) = STAT
- 5. Remitted Amount = REMI

## D – Structured remittance changes (4/4): New datatype DateAndType1

#### Description: Impacted message types (2): Enhanced structure of related date element has pacs.008, pacs.009 been implemented with new datatype XML paths: "DateAndType1" replacing datatype "ISODate". /Document/FIToFICstmrCdtTrf/CdtTrfTxInf/RmtInf/Strd/RfrdDocInf/RltdDt New related date codes supported: Invoice Date "INDA", Payment Due Date "PADD", Next Billing Date "NXBD" and Not Available "NTAV" After: Before: <RItdDt> <RltdDt>2024-12-10</RltdDt> <Tp> <Cd>PADD</Cd> </Tp> <Dt>2024-12-10</Dt> </RItdDt>

## Key messages and next steps

- First step of ISO 20022 message unfreeze will be implemented in June 2026
- User testing to commence end of March 2026
- Non-binding schema to be published in June / July 2025
- Impact of CR T2-0132 on payments community is limited
- T2-0132 introduced changes are of technical nature. Business changes with functional impact need to be raised by T2 community separately if applicable
- Real-time ISO message maintenance releases have hygiene effect which aim to enable the European market for future developments in the messaging space
- Two-step ISO unfreeze approach allows for:
  - preventing congestion of changes with planned HVPS+ updates in November 2025 and November 2026 (end of hybrid address grace period)
  - sufficient testing of first larger step by all TARGET Services stakeholders



## Annex A – TARGET ISO MR deployment calendar\*

|        |         |           |                  | 2025                    |        |              |     |             |           |     | 20               | 26        |        |                  |              |                         |      |
|--------|---------|-----------|------------------|-------------------------|--------|--------------|-----|-------------|-----------|-----|------------------|-----------|--------|------------------|--------------|-------------------------|------|
|        | Service | Exception | Oct              | <b>Nov</b><br>R2025.NOV | Dec    | Jan<br>(Drop | Feb | Mar<br>FEB) | Apr       | May | Jun<br>R2026.JUN | Jul       | Aug    | Sep<br>R2026.SEP | Oct          | <b>Nov</b><br>R2026.NOV | Dec  |
|        | T2      |           | MR2019           |                         | MR2025 | (or MR202    | 4)  |             |           |     |                  |           | MR2026 |                  |              |                         |      |
| U<br>U | T2S     |           | MR2019           |                         | MR2025 | (or MR202    | 4)  |             |           |     |                  |           | MR2026 |                  |              |                         |      |
| EAC    | TIPS    |           | MR2019           |                         | MR2025 | (or MR202    | 4)  |             |           |     |                  |           | MR2026 |                  |              |                         |      |
|        | 111.0   | EPC/NPC   | MR2019           |                         |        |              |     |             |           |     |                  |           |        |                  |              |                         |      |
|        | ECMS    |           | MR2019           |                         | MR2025 | (or MR202    | 4)  |             |           |     |                  |           | MR2026 |                  |              |                         |      |
|        |         | seev      | MR2025           |                         |        |              |     |             |           |     |                  |           | MR2026 |                  |              |                         |      |
|        | T2      |           | MR2019           |                         |        |              |     | MR2025      | (or MR202 | 4)  |                  |           |        | MR               | 2026         |                         |      |
| UTEST  | T2S     |           | MR2019           |                         |        |              |     | MR2025      | (or MR202 | 4)  |                  |           |        | MR               | 2026         |                         |      |
| 5      | TIPS    |           | MR2019           |                         |        |              |     | MR2025      | (or MR202 | 4)  |                  |           |        | MR               | 2026         |                         |      |
|        | TH O    | EPC/NPC   | MR2019           |                         |        |              |     |             |           |     |                  |           |        |                  |              |                         |      |
|        | ECMS    | seev      | MR2019<br>MR2025 |                         |        |              |     | MR2025      | or MR202  | 4)  |                  |           |        |                  | 2026<br>2026 |                         |      |
|        |         |           |                  |                         |        |              |     |             |           |     |                  |           |        |                  |              |                         |      |
|        | T2      |           | MR2019           |                         |        |              |     |             |           |     | MR20             | 25 (or Mi | R2024) |                  |              | MR                      | 2026 |
| PROD   | T2S     |           | MR2019           |                         |        |              |     |             |           |     | MR20             | 25 (or MF | R2024) |                  |              | MR                      | 2026 |
| PR     | TIPS    |           | MR2019           |                         |        |              |     |             |           |     | MR20             | 25 (or MF | R2024) |                  |              | MR                      | 2026 |
|        | 11.5    | EPC/NPC   | MR2019           |                         |        |              |     |             |           |     |                  |           |        |                  |              |                         |      |
|        | ECMS    |           | MR2024           | 1                       | 2025   |              |     |             |           |     | MR20             | 25 (or MF | R2024) |                  |              | MR                      |      |
|        |         | seev      | 101112024        | I IVIP                  | 2025   |              |     |             |           |     |                  |           |        | 1                |              | I MR                    | 2026 |

\* Subject to CR detailed assessments



### Annex B - High-level timetable for CR T2-0132 on ISO MR2020-MR2024

| Activities / Milestones  | Date / Timeslot                                 |
|--|---|
| Start of detailed re-assessment (MR2020-MR2024) – based on final message version for MR2024 published by ISO                   | 10 June 2024                                    |
| Delivery of detailed re-assessment to ECB  | 26 August 2024                                  |
| Steering level approval of detailed re-assessment  | 30 September 2024                               |
| Steering level approval of dependent changes requests (e.g. T2S-0807 and TFOS change requests T2S-0823, T2S-0824 and T2S-0825) | End October 2024                                |
| Start of CR implementation   | 18 November 2024                                |
| Delivery of non-binding schemas (with 4 batches) via MyStandards   | 17 June 2025 – 8 July 2025                      |
| Batch #1   | 17 June 2025                                    |
| Batch #2   | 24 June 2025                                    |
| Batch #3   | 1 July 2025                                     |
| Batch #4   | 8 July 2025                                     |
| Delivery of binding XSD schemas via MyStandards  | 25 November 2025 (9 days before EAC Deployment) |
| Deployment of CR in EAC  | 5 December 2025 (with Package 1)                |
| Deployment of CR in UTEST  | 27 March 2026 (with Package 1)                  |
| Deployment of CR in PROD   | 13 June 2026                                    |



# Annex C - High-level timetable for CR T2-0147 on ISO MR2025

| Activities / Milestones   | Date / Timeslot                                |  |  |  |  |
|---|--|--|--|--|--|
| Drafting of T2 ISO MR Change Request on MR2025 – based on high-level        | September/October 2024 (16 September 2024 – 21 |  |  |  |  |
| and detailed impact analysis of MCR 2025                                    | October 2024)                                  |  |  |  |  |
| Delivery of T2 ISO MR Change Request on MR2025 to ECB and review by         |  |  |  |  |  |
| technical groups (T2-WG)  | 22 October 2024 – 5 November 2024              |  |  |  |  |
| Start of detailed assessment for MR2025 – based on draft message            | 07.1   |  |  |  |  |
| version for MR2025 published on MyStandards                                 | 27 January 2025                                |  |  |  |  |
| Delivery of detailed assessment to ECB                                      | 8 April 2025                                   |  |  |  |  |
| Trilateral group preparation of proposal to governance groups and steering  |  |  |  |  |  |
| level with business preference to include MR2025 (and fall-back to maintain | 8 April 2025 – End April 2025                  |  |  |  |  |
| MR2024) in June 2026 release  |  |  |  |  |  |
| Steering level approval of detailed assessment                              | 15 May 2025                                    |  |  |  |  |
| Check implementation against final ISO version <sup>1</sup>                 | May 2025                                       |  |  |  |  |
| Start of CR implementation  | 15 May 2025                                    |  |  |  |  |

<sup>1</sup> To mitigate the risk of implementation, the final ISO MR2025 version of base messages should be checked before start of implementation.

· High-level timetable is under discussion and subject to CR detailed assessment

### Annex D - High-level timetable for CR to be drafted on (Real-time) ISO MR2026

| Activities / Milestones  | Date / Timeslot      |
|--|----------------------|
| (MIB) Approval of ISO MR2026 CR and publication of draft message version for MR2026 on MyStandards           | December 2025        |
| Start of detailed assessment for MR2026 – based on draft message version for MR2026 published on MyStandards | January 2026         |
| Delivery of detailed assessment to ECB   | Mid-March 2026       |
| Steering level approval of detailed assessment   | Early April 2026     |
| Start of implementation together with publication of final message version for MR2026 by ISO                 | Mid-April 2026       |
| Check implementation against final ISO version <sup>1</sup>  | May 2026             |
| EAC Deployment   | Mid-/End August 2026 |
| UTEST Deployment   | End September 2026   |
| PROD Deployment  | November 2026        |

<sup>1</sup> To mitigate the risk of implementation, the final ISO MR2026 version of base messages should be checked before start of implementation.

#### · High-level timetable is under discussion and subject to CR detailed assessment