Minutes ETC meeting, January 21st, 202

Date: Friday January 21st, 202
Time: 10:00 – 12:00 and 13:00 to 15:00
Place: GoToMeeting

Present: Jan (NL), EDSN
Jan (SE), Svenska kraftnät
Kees, TenneT
Ove, Edisys

Appendix A: ebIX® rules for how to make MRs to WG16

Attachment:

1. Appendixes for ETC minutes (docx)
2. ETC workplan (see ebIX® file manager at https://filemanager.ebix.org/#)

1   Approval of agenda

The agenda was approved with the following additions:

- MR for addition of associations to MarketEvaluationPoint, see item 3.1.1.1.
- Regarding Value1, Value2, Value3 ..., see item 3.4.2.
- Versioning, see item 3.4.3.

Jan (NL) had informed that he cannot participate at the ETC meetings February 1st and 4th, hence the meeting February 1st was cancelled.

2   Approval of minutes from previous meeting

The minutes from previous meeting were approved.

3   Resolve ebIX®/IEC issues

3.1   Making a European Style Downstream Market Profile (ESDMP)

3.1.1   MRs to WG16 CIM modelling team and Information from IEC meetings

MRs to WG16 and their status are found in a separate document "MRs from ebIX to WG16". The document can be downloaded from the ebIX® File Manager.

Minutes from WG16 meetings can be found at: WG16 / Modelling-Team-Minutes.

3.1.1.1 MR for addition of associations to MarketEvaluationPoint

Jan (SE) had drafted the MR "Maintenance request for IEC 62325-301 around MarketEvaluationPoint 2022-01-21 .docx", which was reviewed:

- It was noted that the way ENTSO-E are making association is wrong according to CCTS. I.e. according to UML the association end name can be shown as an attribute in the parent class with the child class name as the data type. This contradicts with what is done by WG16 when making MBIEs where the association end name is shown as an attribute in the parent class with the child class **attribute** name as the data type.
- Kees thinks that the way WG16 is doing this is wrong according to CCTS, but it is still OK (will probably work).
- When looking at the Nordic ESDMP and the ESMD it was noted that some associations have the cardinality at the target side and others at the source side.
- It was discussed if we want to suggest adding an association from MarketEvaluationPoint to MarketAgreement (is currently suggested in the MR).

Action:

- Ove will split the MR "Maintenance request for IEC 62325-301 around MarketEvaluationPoint 2022-01-21 .docx" from Jan (SE) into five MRs and update the MR based on comments made during the meeting, including:
  - o Using both text and numbers for cardinalities.
  - o Add some explanatory text related to addition of a self-association.
  - o Adding the MRs to the common cloud EA model.
  - o Renumber the new Nordic MRs starting a new number-series from 2022, i.e. MR 2022/001
- Kees will make some examples on how associations should have been generated according to UML and CCTS.
- Jan (SE) will check the modelling guide if there are some rules there regarding Source & Target, or if he finds some rules elsewhere in the IEC documents.
  - *Information from after the meeting:*
  - o Jan (SE) has sent an e-mail to Becky describing the problem: to understand "source" and "target". His analyse shows it looks like we did it wrong:
    - ▪ The source is the "0..*"-class, and the target is the "0..1"-class.
    - ▪ Well, more could most likely be said, and Jan (SE) will return with a possible reply from Becky.
- Kees will send a mail to Alvaro informing that we found some possible errors related to source and target for associations in ESMP. Thereafter Kees and Jan will bring up the question why source and target are mixed up in ESMP in the ESMP group.
- Jan (NL) will check what contracts are stored for an AP. If an association from MarketEvaluationPoint to MarketAgreement is needed, we will include it in the MR.

3.1.2 MRs based on Dutch requirements

Jan (NL) had as homework made a set of MRs for WG16, which was reviewed:

- It includes MR 2021/24 to MR 2021/28 and MR 2021/42 to 46 – together 10 MRs.
- The artefacts for each of these MRs are stored as separate packages in the common cloud EA model.

- Currently the Dutch overview model of ESDMP includes new associations with red colour, however new attributes are missing.
- The MR 2021/25, requesting new attributes for origin, validationStatus and repairMethod to the Point class, was reviewed.
  - Jan (SE) and Ove noted that that "origin" attribute seems to overlap with the already available "quality" attribute.
  - It was noted that there already is an attribute "source" in the Reading class in basic CIM (inherited from BaseReading), with the following definition:

    > System that originally supplied the reading (e.g., customer, AMI system, handheld reading system, another enterprise system, etc.)."

    However not part of 62325-351 (ESMP).

  Hence, it was suggested that this should be a MR for adding "source" to the Reading class in 62325-351 (ESMP).

- Kees mentioned that we always should review definitions for the attributes etc. that we reference in our MRs.

- When making MRs, we should first see if the requested object already is available in basic CIM. If yes, we should make a MR for 62325-351 (ESMP), if not make a MR for both basic CIM and ESMP.

Ove had as homework added a new paragraph "A.1 Candidates for MRs to WG16", based on item 3.1.6 and 3.1.7 in ETC minutes from December 15th, in the "MRs from ebIX® to WG16 document".

Continued actions:
- Kees will add a MR to the series of other MRs that will be sent from ebIX® based on the Dutch requirements for changing the cardinality of the association between Acknowledgement_ MarketDocument and Sender_MarketParticipant/Receiver_MarketParticipant from mandatory [1] into optional [0..1].
- Kees will try to come up with a refined table showing the Dutch MRs, including examples.
- Jan (NL)/Kees will make class diagram(s) for one (or some) BRSs where extensions to ESMP is shown with different colours and use extension classes and inheritance where new attributes are needed in an ACC.
- Kees will investigate the usage of a reference to a related document (probably only used in the acknowledgement in the Netherlands) and see if he can find a justification of the "rename of the association named Original Market Document to something more generic".
- All will add rows to the "MRs from ebIX® to WG16 document" for the extensions not yet presented for ebIX® and/or WG16, for discussions in ETC.
- Jan (NL) will make a document as basis for addition of new rows to the "MRs from ebIX® to WG16 document" containing a functional overview of changes to CIM from the Dutch pilot project, based on the Dutch MBIE models.

New actions:
- Jan (NL) and Kees will go through the Dutch MRs and see if more of the MRs are MRs to 62325-351 (ESMP)
- Ove will make an appendix where we collect rules for how to make MRs, see Appendix A.

3.1.3 Follow up on governance for reference models: basic IEC CIM and ESDMP

The item was postponed.

3.2 How to add additions to CIM

Jan (NL) had as homework started on a description of how we shall update and maintain the common cloud version of ESDMP. However, there are still a few additions to be made.

Jan (NL) has also updated his version of ESDMP with the new CIM 101 from December 2021, but are missing information about what have been changed, to verify the update. He has not yet updated the cloud version of the model.

Action:

- Jan (SE) will see if he can find documentation on what have been changed in basic CIM – to be used by Jan (NL) for checking the update of the common cloud EA model.

3.3 Status for ENTSO-E CIM EG Retail WG (follow-up item on the agenda)

The item was postponed.

3.4 Preparations for coming WG16 meetings

3.4.1 ebIX® MRs to WG16 – discussions with CIM EG

The item was postponed.

3.4.2 Regarding Value1, Value2, Value3 …

The item was postponed.

3.4.3 Versioning

The item was postponed.

4 Request from EBG

The item was postponed.

5 EG1 status

The item was postponed.

6   Problems with TT (Eclipse) – To remember item (to be reopened when the TT is needed)

The item was postponed.

7   Resolve HG issues

The item was postponed.

8   ebIX® Business Information Model 2022.A

The item was postponed.

9   Code lists from Magic Draw model in Word format

The item was postponed.

10   Review of ETC workplan

The item was postponed.

11   Next meetings[1]

- Friday February 4th from 10:00 to 12:00, GoToMeeting.
- Tuesday February 15th from 13:00 to 15:00, GoToMeeting.
- Tuesday February 23rd from 13:00 to 15:00, GoToMeeting
- Tuesday March 22nd from 13:00 to 15:00, GoToMeeting.
- Tuesday March 29th and Wednesday March 30th, 2022, with a common ebIX® Forum and ETC dinner the evening of Wednesday March 30th, at BDEW's offices in Berlin.

12   AOB

No items.

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[1] All Face-to-face meeting starts 09:00 the first day and end at 16:00 unless otherwise explicitly stated.

Appendix A   ebIX® rules for how to make MRs to WG16

1) Artefacts used for MRs to WG16 shall be stored as separate packages in the common cloud EA model.

2) Always review existing definitions of attributes, classes etc. that are related to the MR in question and if needed propose updates to these definitions.

3) First investigate basic CIM to see if the object we intend to send an MR for already is available there.

   If yes, we should make a MR for 62325-351 (ESMP), if not we make a MR for both basic CIM and ESMP.