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| Minutes ETC meeting, May 18th, 2022 |  European forum for energy Business Information eXchange |
| May 23 rd , 2022 | ETC – ebIX[®] Technical Committee |

Minutes ETC meeting, May 18th, 2022

Date: May 18th, 2022
Time: Tuesday 13:00-15:00
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.

Since Jan (SE) cannot participate Friday 10th in the afternoon, the afternoon meeting for that day was cancelled.

2 Approval of minutes from previous meetings

The minutes from previous meetings, both March 29th and April 19th, were approved.

3 Status for a common ebIX[®], EU DSO Entity, ENTSO-E (CIM EG) and ENTSOG Area project

The status for invitation of the EFET, EASEE-gas, ENTSO-E (CIM EG), ENTSOG and EU DSO Entity to participate in the “Alignment of master data for areas” project has not changed since previous meeting, i.e. both the EU DSO Entity and ENTSO-E are positive but have not yet found any participant(s), while ENTSOG will participate as observer.

4 Resolve ebIX[®]/IEC issues

4.1 Making a European Style Downstream Market Profile (ESDMP)

4.1.1 [MRs to WG16 CIM modelling team and Information from IEC meetings](#)

MRs to WG16 and their status are found in a separate Excel sheet in Teams.

Minutes from WG16 meetings can be found at: [WG16 / Modelling-Team-Minutes](#).

Actions:

- Kees will try finding the definition of source and target for associations according to UML and CCTS.

- Jan (SE) and Kees will try finding contradictions between the usage of source and target between basic CIM (301) and ESMP (351).
- Ove will add the latest updates of MR 2022/007 to 011 in the Teams Excel sheet.

4.1.2 [MRs based on Dutch requirements](#)

Jan (NL) (and Kees) has made class diagrams for 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, see common cloud EA model from MR 2021/024 until MR 2021/028 and MR 2021/035 until MR 2021/046.

Jan (NL) mentioned that the Netherlands has added a request for a new Product class, associated with Series and inherits from IdentifiedObject, see MR 2021/035. Jan (SE) presented, under item “4.3.1, item ebIX® MRs to WG16 – discussions with CIM EG”, this Product class, which originates from the Netherlands and is suggested associated with the Series class – and also with MarketEvaluationPoint. It was also noted that there is an existing class MarketProduct under IEC62325/MarketCommon, however with a definition that doesn’t fit:

A product traded by an RTO (*Regional Transmission Operator*) (e.g. energy, 10 minute spinning reserve). Ancillary service product examples include: Regulation, Regulation Up, Regulation Down, Spinning Reserve, Non-Spinning Reserve, etc.

It was also noted that the attribute “identification” should be renamed to mRID and that the attributes measureUnit and priceMeasureUnit maybe should be associations to the Unit class in 301 (MeasureUnit class in ESDMP).

Also the following have been solved and were removed from the action list:

- 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.

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.
- 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”.
- Jan (NL) and Kees will go through the Dutch MRs and see if more of the MRs are MRs to 62325-351 (ESMP).
- Jan (NL) will rename the attribute “identification” to mRID and investigate if the attributes measureUnit and priceMeasureUnit should be associations to the Unit class in 301 (MeasureUnit class in ESDMP) instead of attributes in the Product class. According to Kees the measureUnit and priceMeasureUnit should be attributes in the Product class because of normalisation rules.

4.1.3 [Status for governance of reference models: basic IEC CIM and ESDMP \(follow-up item on the agenda\)](#)

Alvaro is maintaining the latest version of the ESMP, based on decisions in CIM EG. Hence, these updates are extensions to the CIM 62325-351 standard. Currently the ESDMP is maintained by ETC.

Jan (SE) mentioned that, for instance, ebIX® is missing attributes from UsagePoint in the ESMP AccountingPoint class.

Kees mentioned that last week some people from WG14 wanted to change associations to UsagePoint regarding EndDevice and Terminal (Meter information) according to TSO needs, not verifying the change with the downstream market.

The item is to be continued.

4.2 Status for ENTSO-E CIM EG Retail market subgroup (follow-up item on the agenda)

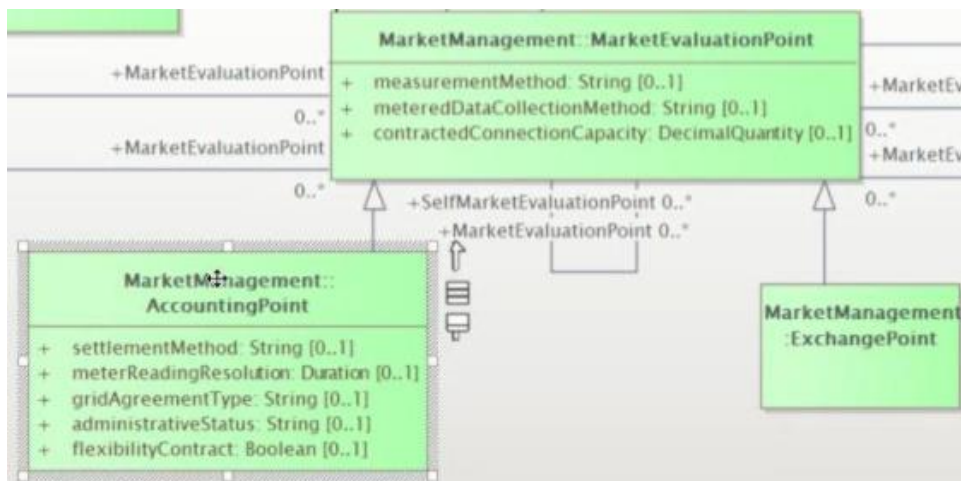
Kees informed that the ENTSO-E CIM EG Retail market subgroup works fine, i.e. as a channel for information from the downstream market to the upstream market (ENTSO-E).

4.3 Preparations for coming WG16 meetings

4.3.1 ebIX® MRs to WG16 – discussions with CIM EG

Latest developments were discussed:

- Jan (SE) presented the proposed and agreed changes to the MarketEvaluationPoint and the MktActivityRecord.
- An association between MarketEvaluationPoint and Product should be made, see also discussion under item “4.1.2, MRs based on Dutch requirements”.
- The association between MktActivityRecord [0..*] and MarketDocument [0..1] has been discussed in the CIM EG Retail Market Group, however without any conclusion yet.
- Becky has added a new CIM Issue to Redmine: addition of nextReadingSchedule to UsagePoint (maintained by WG14). This is inherited to MarketEvaluationPoint and could be used instead of the earlier proposed addition of meterReadingSchedule to AccountingPoint. On May 19th Jan (SE) will ask if the meterReadingSchedule should be added intermediate to AccountingPoint, until it is agreed adding nextReadingSchedule to UsagePoint.
- In the latest CIM model for 62325/301 Alvaro has sent to Becky (May 16th), the AccountingPoint and ExchangePoint are specialisations of MarketEvaluationPoint:



- The flexibilityContract (Boolean) is added instead of the original proposed attribute Disconnectable (code list).
- Kees showed the new MeteringData document from ENTSO-E based on RGCE requirements, where the MarketDocument is associated to Series [1..*]. However, an association to TimeSeries is missing, to be able to handle the Series Characteristics introduced in the latest measure BRS from ebIX®.

The action from earlier meetings is handled or will be handled differently, hence removed.

Action:

- Ove will ask the ebIX® flex project If there is a need for a flexibility contract type in CIM 301, ref.:

MR ebIX® 2019/13 (WG16 ID 16_0092) was originally a request for adding a new disconnection-Contract attribute (Boolean) in the MarketEvaluationPoint class [0..1].

At a CIM EG Retail market subgroup meeting February 4th, 2022, it was proposed splitting the attribute into two, e.g. renaming the “disconnectionContract” to “flexibilityContract”, keeping it as a Boolean attribute with the following definition:

“Indicates if there is a contract at this Accounting Point as a result of the demand side management or the load management for the Accounting Point”.

and in addition add a new attribute (for the Flexibility Register), e.g. “flexibilityContractType”:

“Specifies the type of contract at this Accounting Point or Resource related to usage in flexibility markets”.

The “Flexibility Contract Type” must be further analysed before submitted to Retail Market Group and/or WG16.

4.3.2 [Status for versioning discussions in CIM EG Retail market subgroup and WG16](#)

The status is “fine”, i.e. work is ongoing, and progress is made. Jan (SE) and Kees has as homework to contact Svein Olsen from Statnett if he has any experience or comments from the Common Grid Model work or elsewhere.

The item is to be continued.

4.3.3 [Addition of code list responsible attribute where missing](#)

We should try convincing the CIM EG Retail market subgroup and WG16 that we need “list responsible agency” and “list identifier” attributes together with all code list attributes.

The item is to be continued.

4.4 [Status for European \(ebIX® and CIM EG Retail market subgroup\) MRs to CIM](#)

Review and update of Excel sheet keeping track of the MRs sent from ebIX®, via the CIM EG Retail Market Subgroup to WG 16. The Excel file is uploaded to the Teams “Team” “ebIX® ETC” where Jan (NL), Jan (SE), Kees and Ove can edit the document simultaneously.

Ove informed that he normally updates the Excel sheet when he receives information of events related to the ebIX® MRs.

Continued action:

- Jan (SE) will update the dates and status for the latest submitted MRs in the common Teams Excel sheet.

5 [Persistent uri for the European energy market \(follow up item\)](#)

The source of this item is the Common Grid Model working group. There is a wish for a common uri for the European energy market. The question is: Shall ebIX® (EU DSO Entity) be part of this process?

Kees thinks this is a task for the EU DSO Entity, hence we remove the item from coming agendas.

6 Request from EBG

The item was postponed.

7 EG1 status

7.1 Who do we (ETC) think is the EU Competent Authority?

According to EG1 the EU Competent Authority is a combination of the EU DSO Entity and ENTSO-E.

Item closed.

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

No-one seems to miss the TT; hence we close the item until eventually someone asks for it.

9 Resolve HG issues

The item was postponed.

10 ebIX® Business Information Model 2022.A

The item was postponed.

11 Code lists from Magic Draw model in Word format

The item was postponed.

12 Review of ETC workplan

The item was postponed.

13 Next meetings¹

- Friday June 10th, 10:00 - 12:00, GoToMeeting
- Tuesday August 30th and Wednesday 31st, Stockholm
- Tuesday October 25th and Wednesday October 26th, 2022, both days 09:00 – 16:00, BDEW's offices in Berlin

14 AOB

No items.

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.