


Minutes ETC meeting, February 4 th , 2022	 European forum for energy Business Information eXchange
February 8 th , 2021	ETC – ebIX [®] Technical Committee

Minutes ETC meeting, February 4th, 2022

Date: Friday February 4th, 2022
Time: 10:20 – 12:30
Place: GoToMeeting
Present: 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, however since this is a two-hour meeting only, it was agreed give priority to the following items:

- MRs to WG16 CIM modelling team and Information from IEC meetings, 3.1.1.
- How to add additions to CIM, 3.2.
- Status for ENTSO-E CIM EG Retail market subgroup (follow-up item on the agenda), 3.3.
- Versioning, see item 3.4.3.

The item was postponed.

- EG1 status, see item 0.

2 Approval of minutes from previous meetings

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.](#)

Ove had as homework split the MR “Maintenance request for IEC 62325-301 around MarketEvaluationPoint 2022-01-21 .docx” from Jan (SE) into five separate MRs and update the MR based on comments made during the meeting, including:

- Using both text and numbers for cardinalities.
- Added some explanatory text related to addition of a self-association.
- Added the MRs to the common cloud EA model.
- Renumbered the new Nordic MRs starting a new number-series from 2022, i.e. MR 2022/001

In addition Ove had added WG16 issue IDs where applicable to the MR overview, and, together with Jan (SE), removed (used “strike through” font) from some of the MRs that are not valid anymore.

Some conclusions from review if the MRs:

- Ove will write a MR and submit to the HG, including an example from flex, related to MR ebIX® 2022/001 – addition of a self-association to MarketEvaluationPoint. The submission to WG16 will await the discussion in the HG.
- The MR ebIX® 2022/002, addition of an association from MarketEvaluationPoint to DateAndOrTime will be forwarded to WG16 and CIM EG Retail market subgroup.
- The MR ebIX® 2022/003, addition of an association from MarketEvaluationPoint to Domain will be forwarded to WG16 and CIM EG Retail market subgroup.
- The MR ebIX® 2022/004, addition of an association from MarketEvaluationPoint to MarketParticipant will be forwarded to WG16 and CIM EG Retail market subgroup.
- The MR ebIX® 2022/005, addition of an association from MarketEvaluationPoint to MarketAgreement will be forwarded to WG16 and CIM EG Retail market subgroup.

Jan (SE) and Kees had discussed the rules regarding Source & Target and sent an e-mail to Becky describing the problem: to understand “source” and “target”. Jan (SE) 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.

To be further investigated.

New and continues actions:

- Kees will make some examples on how associations should have been generated according to UML and CCTS.
- Jan (SE) and Kees will continue investigating the rule(s) for which side of an association that is Source and which side that is Target.
- Ove will write a MR and submit to the HG, including an example from flex, related to MR ebIX® 2022/001 – addition of a self-association to MarketEvaluationPoint. The submission to WG16 will await the discussion in the HG.
- Jan (SE) will submit MR ebIX® 2022/002, MR ebIX® 2022/003, MR ebIX® 2022/004 and MR ebIX® 2022/005 to WG16 and CIM EG Retail market subgroup.

3.1.2 [MRs based on Dutch requirements](#)

- The item was postponed.

3.1.3 [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.

For the future we want a common ESMP and ESDMP containing ACCs, governed by ENTSO-E, ETSOG, the EU DSO Entity and ebIX® (?). The ABIEs should be maintained by ebIX® (at least for foreseeable future).

3.2 How to add additions to CIM

Jan (SE) had as action found documentation on what have been changed in basic CIM (e.g. to be used by Jan (NL) for checking the update of the common cloud EA model). I.e. three files describing the latest updates of the WG16 part of CIM were distributed February 1st:

- 1) A Word file telling what has been updated in different drafts and releases.
E.g., ...cim04v08 was released in September (2021-09-28), but it came two drafts of it during the year. But we don't have in our model all these updates. Jan (SE) thinks we may only have parts of the "draft1". And ...cim04v09 is now available (since 24th of January) and includes some updates.
- 2) The IEC 62325 change log.xlsx file describes in detail the different changes. Using that, it is possible to see which associations and attributes we are missing.
- 3) The wg16-CIM-issues-20220124.xlsx file describes the current list of CIM Issues handled by WG16 modeling team. Some solved, some under discussion. For example, the "16_0083" issue has the decision that the plan is to add specialized classes to describe the "EvaluationPoint" (wrong for ExchangePoint) and "AccountingPoint". We can look at the definitions of those new classes this Friday (see the file Chapter 8 from IEC_TR_62325-103 ED1 with comments - September 2021.pdf, page 14)

Jan (SE) also noted that the latest CIM model can be downloaded from

[iec61970cim17v34](#) [iec61968cim13v12](#) [iec62325cim04v09](#)

Item closed.

3.3 [Status for ENTSO-E CIM EG Retail market subgroup \(follow-up item on the agenda\)](#)

Jan (SE) mentioned that there were questions at the latest meeting in the CIM EG Retail market subgroup about the Metering Method. In the minutes from that meeting Alvaro wrote:

"There are some questions with regards to Metering Method. For example, the term Metering Method is an absolute requirement or can it be renamed in something that is more up to present day requirement. It is advised to find a better wording for it as it can be a bit misunderstanding"

We can see if Alvaro will write something more about the attribute in his minutes from the meeting Wednesday February 2nd.

A short reaction from Gerrit:

Changing names of attributes may cause a lot of confusion. A good definition should be there to avoid confusion (anyway). I prefer to have these types of fields in enumerations, which gives more clarity and prevents to misuse (or better: abuse) the attribute.

One question about the Metering Method was the possibility that it could be *calculated*. We have thought of Accounting Points like telephone kiosks and similar where you can calculate the consumption as e.g., 24h times some W. But the question was: is that enumeration to be used for Accounting Points that are based on other Accounting Points? And yes, why not? I.e., there is no Meter associated with it, the energy is calculated based on some other Metering Points. Like for exchanges between two TSOs where you might have a virtual Exchange Point at the border. Or where it is physically impossible to install a Meter, and you then calculated the energy using some other Metering Points.

Some proposals were “Data establishment Method”, “Volume establishment Method” or “Origin”. The first two are too long and the latter is confusing and already used.

Conclusion:

- It was proposed renaming to Measurement Method. According to Oxford dictionary and the class Measurement from IEC61970, the term “measurement” includes physical reading and *calculations*.

Jan (SE) also mentioned that we are, from ebIX®, preparing a maintenance request regarding associating a Market Evaluation Point to itself. Perhaps then we can finalize that on Friday. See comments/discussion regarding MR ebIX® 2022/001 under item 3.1.1.

Another attribute that was discussed Wednesday February 2nd (most attribute was not discussed, i.e. no questions) was the disconnectionContract. A Boolean attribute. Currently the suggested description is:

“Indicates if there is a contract at this AccountingPoint for disconnection as a result of the demand side management or the load management for the AccountingPoint. The element is Boolean and is used for both gas and electricity.”

But why limit this just to disconnectable accounting points? Why not also use this to tell: “This accounting point can be used for demand side management – flexibilities – and for instance reduce its consumption with up to 80%”? Many accounting points could not be used for “flexibilities”, but more and more will – and will not have to be fully disconnected like in the “old days” when you turned it (fully) off. So, the suggestion could then be to change the attribute “disconnectionContract” (Boolean) to something like “demandSideManagementContract” (Boolean) and change the description to

“Indicates if there is a contract at this AccountingPoint ~~for disconnection~~ as a result of the demand side management or the load management for the AccountingPoint. ~~The element is Boolean and is used for both gas and electricity.~~”

Telling specifically that this attribute could be used also for gas may result in the question: “are the other attributes not for gas?” That is of course not the case, but better not having to specify that every time.

A short reaction from Gerrit:

This disconnect contract field could maybe better be considered to be added to the Flexibility Register. As it is not used in the more ‘traditional’ processes and specially aimed at the flex market.

Conclusion:

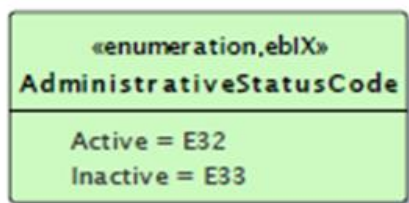
- It was proposed to split the attribute into two, e.g. renaming the “Disconnection Contract” to “Flexibility contract”, keeping it as a Boolean attribute:

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

and adding a new attribute for the Flexibility Register, e.g. “Flexibility Contract Type”:

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

One part from Alvaros notes from the meeting Wednesday February 2nd is relevant here. It is about the administrativeStatus attribute. It was asked (I quote): “if it would be possible to add some specifics or details. There are situations which are different in several countries. It is not enough to have this attribute as string, and it would be advisable to have an enumeration instead”. The attribute was in the “TR” stated as a “code”, however that was changed in the maintenance request making it possible to use other ways of specifying it, like an enumeration in text, or in code. From the TR the codes are shown in the following picture.



Conclusion:

- This will be a “string” in basic CIM and ACC but may be implemented as an enumeration for ABIEs.

Action:

- Jan (SE) and Kees will bring the conclusions above to the CIM EG Retail market subgroup.

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

Kees informed that he has discussed in EG1 meetings that there is a need to get a clearer view on what the reference role model and reference information model is. As a compromise, it seems that the final report will use “reference role model, such as the HEMRM and GRM” and “reference information model, such as the IEC/CIM”.

Kees had prepared some artefacts he intends to show to EG1. The artefacts were reviewed, and some updates were proposed:

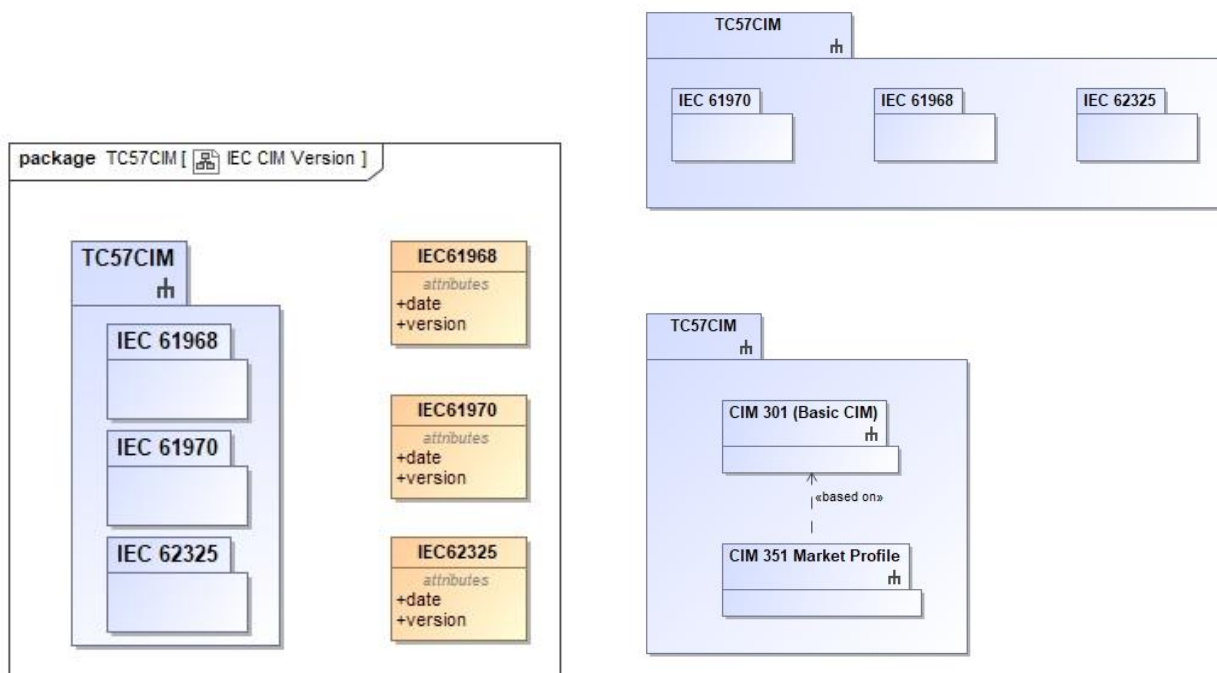


Figure 1 Overview and Versioning IEC CIM

Kees stressed that EG1 should only reference IEC62325-301, basic CIM, in their report and NOT “dig into” IEC62325-351, ESMP.

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

The item was postponed.

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

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

See ebIX® File Manager.

The item was postponed.

11 Next meetings¹

- Tuesday February 15th from 13:00 to 15:00, GoToMeeting.
- Wednesday 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.

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.