

Minutes ETC meeting, February 18th, 2021	 European forum for energy Business Information eXchange
February 19 th , 2021	ETC – ebIX[®] Technical Committee

Minutes ETC meeting, February 18th, 2021

Date: Thursday February 18th, 2021
Time: 10:00 – 12:00 and 13:00 – 15:00
Place: GoToMeeting
Present: Jan (SE), Svenska kraftnät
Kees, TenneT
Ove, Edisys

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:

- Changes to Location and Coordinate System from WG14, see item 4.1.7.
- WG14 taskforce for update of Organisation, Person and Party information, see item 4.1.8.
- How to map the EBG proposal for a Meter Read class to CIM?, see item 4.1.9.
- EG1 information, see item 11.1 under AOB.

2 Minutes from previous meeting

The minutes from previous meeting were approved.

3 Preparation for ebIX[®] Forum meeting March 23rd

There were no actions items for ETC after the previous ebIX[®] Forum meeting and none of the participants at the meeting had any new items for the coming ebIX[®] forum meeting.

At the HG meeting Tuesday this week, it was noted there have been complaints from EG1 that the Harmonised Role Model (HRM) is not representative for the whole of Europe, i.e. important stakeholders are missing. Even more precise: “ebIX[®] is not representing all European DSOs”. This will be mentioned by Jan (SE) when he presents the HG status report.

Action:

- Ove will make status presentations from ETC, HG and IEC harmonisation and send it on circulation for comments to ETC before next ebIX[®] Forum meeting.

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 Appendix A in the separate appendix document. Minutes from WG16 meetings can be found at: [WG16 / Modelling-Team-Minutes](#).

Ove had noted that for ebIX® MR 2019/9, 11 and 13, the following is noted in Appendix A:

20201111:

- ETC propose to keep the three attributes below in the same class, either the CustomerAgreement class or the MarketAgreement class (using new association from MarketEvaluationPoint):
 - gridAgreementType
 - contractedConnectionCapacity
 - disconnectionContract

If you look at the definition of CustomerAgreement (61968):

Agreement between the customer and the service supplier to pay for service at a specific service location. It records certain billing information about the type of service provided at the service location and is used during charge creation to determine the type of service.

You see that this attribute is intended for the “Supply contract” and not suited for the three attributes requested from ebIX®.

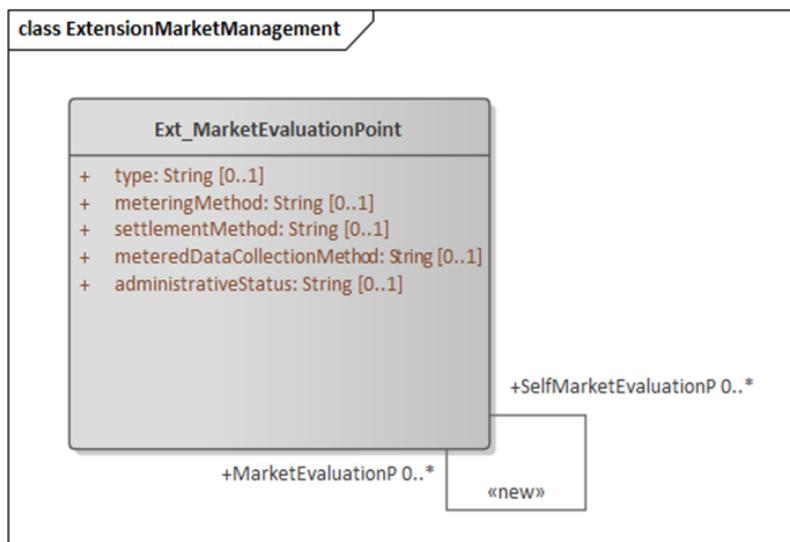
But the definition of MarketAgreement (62325) fits better:

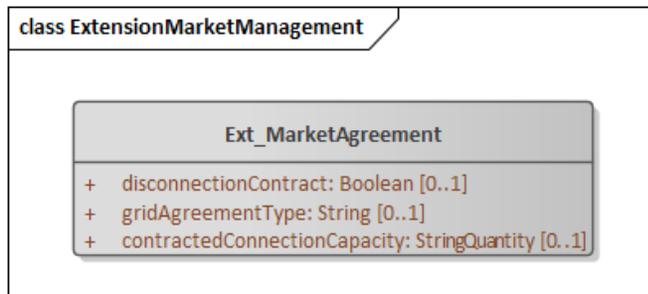
An identification or eventually the contents of an agreement between two or more parties.

After a short discussion ETC agreed to suggest that the three attributes (gridAgreementType, contractedConnectionCapacity and disconnectionContract) are added to MarketEvaluationPoint (first priority) or to MarketAgreement (second priority). If the latter, we need a new association from MarketEvaluationPoint.

Action:

- Jan (SE) and Kees will verify the status for the following ebIX® extensions during one of the coming WG16 meetings:





4.1.2 [MRs based on Dutch requirements](#)

Continued actions:

- Kees will add a MRs to the series of other MRs that will be sent from ebIX® based on the Dutch requirements for addition of a schemeAgency and a listAgency as optional attributes for code lists.

Conclusion:

- Item closed until we start making a common European profile (ESMP). See also “Conclusion” below.
- 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.

Conclusion:

- Continued action.
- 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.

Conclusion:

- Continued action.
- 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”.

Conclusion:

- Continued action.

Jan (SE) brought up the question if we should have an attribute for code lists having an URL to the code list itself. This will not be proposed now, but Jan (SE) will continue investigation the need for it.

Conclusion:

- The addition of a schemeAgency and a listAgency as optional attributes for code lists can be done in the profile, hence for the moment, we add these attributes to ESDMP and when time is ready use this as input for a common ESMP.
- These will be a part of the Dutch MRs, hence the item is closed until the Dutch MRs are available.

4.1.3 [Status for MRs to WG16 based on Dutch and Nordic CIM pilot projects](#)

The item was merged with the item above (see last bullet point under “Continued actions”).

4.1.4 [How to implement code lists in the European Style Downstream Market Profile \(ESDMP\)](#)

The item concerns how to make sure that the Assembled code list has unique codes (when combining national codes with other (international) code lists).

Continued action:

- Kees will, as a start, see if he can find an option for combining the Enumeration literals (codes) with a listIdentifier attribute.

4.1.5 [Aligning the result from the Dutch and the Nordic IEC CIM pilot projects](#)

Jan (SE)/Ove had as action updated the class diagrams in the extension packages and the ESDMP ACC package will where extensions to basic CIM and ESMP are shown with different colours and use extension classes and inheritance (and text boxes) to show where new attributes are needed in an ACC, for non-measure documents.

During this item Kees mentioned that the Nordic downstream market documents have the Market Document as root class, while it earlier has been agreed that the root class for the structure documents should be MktActivityRecord.

Action:

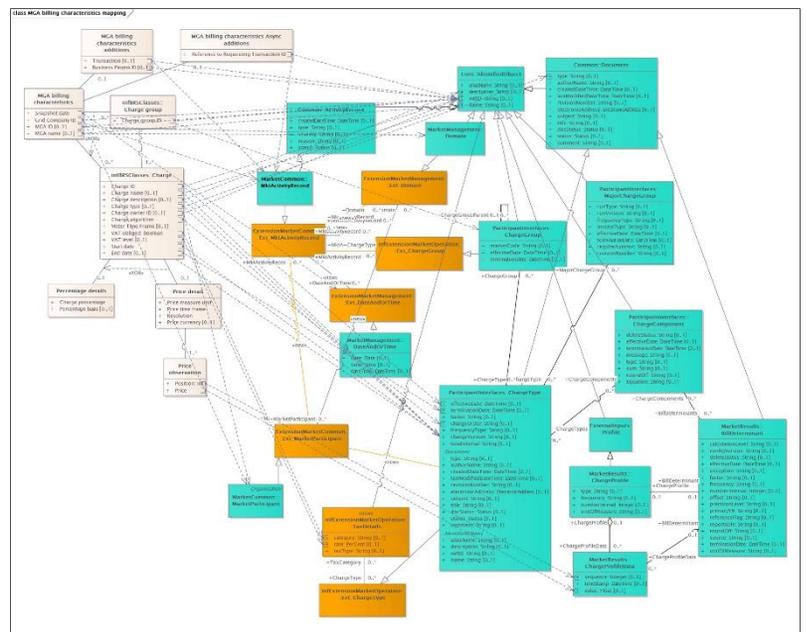
- Ove will remove the Market Document header classes from a set of Nordic documents that cover the proposed extensions to CIM and ESMP and, replace the current documents in the cloud version.

4.1.6 [Mapping of Combined grid and supply billing BRS to CIM](#)

Jan (SE) has made proposals for mapping of most of the attributes from the Combined grid and supply billing BRS but are missing a few. The current proposal includes some new associations to basic CIM.

Jan (SE) did the mapping because of a discussion within WG16 related to the Charge class in basic CIM. Since the mapping of the Combined grid and supply billing BRS not is a special prioritised Item, a reminder was added as a “to remember item” in appendix D.

Item closed.



4.1.7 Changes to Location and Coordinate System from WG14

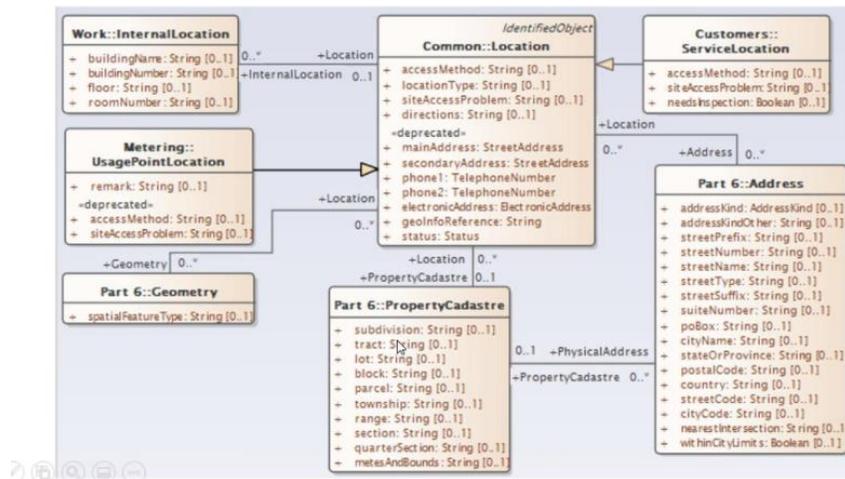
For information:

During a Joint WG13, WG14, and WG16 two weeks earlier, it was shown some slides showing proposed changes to “Location classes” in basic CIM. Below is shown three of the slides presented:

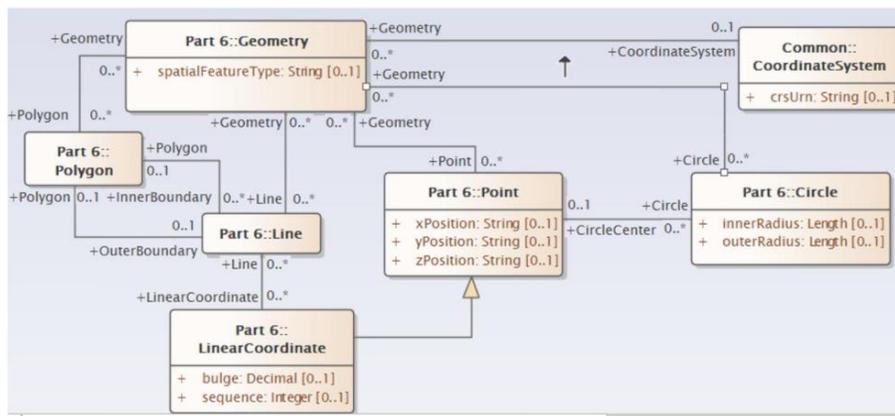
Location Proposed Changes

- Deprecate attributes using compounds
 - mainAddress (add association to Address class)
 - secondaryAddress (add association to Address class)
 - phone1
 - phone2
 - electronicAddress
- Add association to PropertyCadastrre class
- Deprecate WorkLocation and MaintenanceLocation child classes of Location
- Change association of InternalLocation and ServiceLocation from WorkLocation to Location
- Deprecate associations
 - PositionPoint (replace with association to Geometry class)
 - CoordinateSystem (replace with association to Geometry class)

Location (Proposed)



Location Geometry (Proposed)



4.1.8 [WG14 taskforce for update of Organisation, Person and Party information](#)

Jan (SE) is participating in a WG14 project for refining of Party information. So far there has been a kick-off meeting and one normal meeting.

Among others there is a proposal having an [1..*] association between Role and Party, which may be too limited. For instance in the Norwegian and Swedish party register it is possible to list all parties with a specific role.

Jan (SE) noted that it is another taskforce that is looking at the task of moving the Address compounds to classes and attribute.

To be followed up.

4.1.9 [How to map the EBG proposal for a Meter Read class to CIM?](#)

Action:

- Jan (SE)/Ove will make a first draft of mapping of the Meter Read class to CIM.

4.2 [How to add additions to CIM](#)

Ove is working on a draft document.

Continued action:

- Ove will make a memo based on the description from Jan (SE) from spring 2020.

4.3 [Procedures for how to align IEC MRs between EBG and ETC](#)

At the EBG meeting June 15th, 2020, ETC was asked to draft procedures for how to align IEC MRs between EBG and ETC. The request is based on a MR from NMEG to EBG.

The following proposal was drafted:

- Every time a new BRS is published, EBG should see if there are new attributes, classes, associations or similar that are candidates for updates of CIM – and forward these to ETC for further forwarding to IEC.
- If ebIX[®] gets options from IEC on how to update CIM, based on an ebIX[®] MR, the option(s) should be presented for EBG for commenting.
- After relevant updates in CIM, EBG should be informed, to see if definitions etc. should be updated in the ebIX[®] BRSs.

Action:

- Ove will bring the bullet points above to EBG for approval.

5 [Problems with TT \(Eclipse\) – To remember item \(to be reopened when the TT is needed\)](#)

Nothing new.

Continued action:

- Kees will make a proposal for update the “ebIX® introduction to Business Requirements and Information Models” with a chapter explaining the relationship between cardinalities and OR/XOR, including:
 - XOR and cardinality of [1] lead to a required choice in the XML schema.
 - XOR and cardinality of [0..1] lead to an optional choice in the XML schema.

6 Resolve HG issues

6.1 Status for new project for alignment of Area configuration

The CIM EG members of the HG got at a meeting earlier this week an action item to ask CIM EG for a status. To be continued.

6.2 BRP vs Energy Trader

The item was postponed.

6.3 Status for harmonisation of the electricity and gas markets role models

There has been one Harmonised Gas Model (HGM) group meeting where Vlatka and Kees participated from ebIX®:

- It was proposed keeping the two models (Electricity and gas) separate in the first phase.
- It was made an Excel sheet comparing the roles from the two role models and initially the following roles are identified for possible harmonisation:
 - Meter Operator, Metered Data Responsible
 - Energy Trader, Energy Supplier
 - Balance Responsible Party, Capacity Responsible Party
 - Market Information Aggregator / Data Provider
 - Balancing Service Provider
 - System Operator
 - Market Operator
 - Scheduling Area Responsible -> (Area Coordinator)
- By June we should have a first proposal ready to present for the EU commission, such as a list over candidate roles from the two role models that can be harmonised without too many changes.
- It will be reserved one or two hours during the coming HG meetings for discussing harmonisation of the GRM (Gas Role Model) and HRM.

7 ebIX® Business Information Model 2020.A

7.1 Use of XOR in combination with cardinalities

The item was moved to item 5 above.

7.2 Request from EBG for a new Response Reason Description Code

In the BRS for Area characteristics we need a new Response Reason Description Code:

E?? Area Not identifiable

Or a rename of the existing:

E49 Metering grid area Not identifiable

Conclusion:

- It was agreed making a new code. The request was added to Appendix B.6.

7.3 Continue review and update of version 2020.A

Due to lack of time the item was postponed.

8 Code lists from Magic Draw model in Word format

Due to lack of time the item was postponed.

9 Review of ETC workplan

Due to lack of time the item was postponed.

10 Next meetings¹

- Wednesday March 24, 2021 from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting (the day after next ebIX® Forum meeting).

Action:

- Ove will send a Doodle poll for three more meetings before summer. Options:
- April 29th and 30th, June 2nd, 8th, 9th and 10th, July 6th, 7th and 8th.

11 AOB

11.1 EG1 information

Kees informed that there are no ebIX® enthusiasm in EG1, however Kees tries to make EG1 work like how ebIX® works.

The EG1 work, phase 2 of the Dutch measure project, WG16 work, ETC work and HG work will take most of Kees' time in the foreseeable future, hence less time for such as EBG.

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