Minutes ETC meeting, January 7th, 2021

Date: Thursday January 7th, 2021
Time: 10:00 – 12:00 and 13:00 – 15:00
Place: GoToMeeting
Present: Jan (NL), EDSN
             Jan (SE), Svenska kraftnät
             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 and comments:

- Where to put the ebIX® element Energy Industry Classification Type (Electricity or Gas)?, see item 5.1.3.
- Cross border identification of Customers and Market Participants, see item 13.1 under AOB.

2   Minutes from previous meeting

The minutes from precious meeting were approved without comments.

3   Preparation for "ebIX® governance work group" January 12th – if needed

The "ebIX® governance work group" will deal with governance and organisational issues related to future governance of IEC/CIM and ES(D)MP, and the Harmonised Role Model. There was an ebIX® Forum "preparation meeting" December 2nd that prepared a two-hour ebIX® Forum meeting January 12th.

Kees had as action from previous meeting redone the animation sequence in slide 3 and Ove had distributed the slides to ebIX® Forum before Christmas.

Item closed.

4   Shall we ask for an UN/CEFACT code for BSP?

This agenda item was added too quickly because we already have a code for BSP:

DGG	Balancing Service Provider	A party with reserve-providing units or reserve-providing groups able to provide balancing services to one or more LFC Operators.

Item closed.

5 Resolve ebIX®/IEC issues

5.1 Making a European Style Downstream Market Profile (ESDMP)

5.1.1 Code list for CIM Acknowledgement

Jan (SE) and Ove were asked, at a Nordic meeting December 15th, to ask ebIX® for some advice on which code list to use in the CIM Acknowledgement document, ESMP code list (A01/A02) or UN/CEFACT code list (39/41), when acknowledging both ebIX® and ENTSO-E based CIM documents.

Jan (NL) informed that the Netherlands will use ENTSO-E codes, however with some national extensions (000 and 900).

Item closed.

5.1.2 Information from IEC meetings

Not solved topics from earlier meeting:

a) Propose a definition of administrativeStatus. Proposal from Jan (SE):

> *Specifies whether (or not) the Market Evaluation Point is active part of the imbalance settlement. E.g., if still physically connected, but inactive in the market, the energy volume for the Market Evaluation Point will be part of the losses in the grid.*

ebIX® definition:

> *A code specifying whether (or not) the Accounting Point is part of the imbalance settlement.*

Conclusion:

- o The proposed definition from Jan (SE) for the CIM attribute was supported and added to Appendix A in the separate appendix document.

b) Is it an argument for having meteredDataCollectionMethod as code (and not Boolean) that we may need to know who the source of "manual", such as web or Energy Supplier?

Conclusion:

- o The argument was agreed and added to Appendix A in the separate appendix document.

c) Continue from slide 8 of PowerPoint presentation from Jan (SE).

Conclusions:

- o The requests in Slide 8 and 9 are ebIX® requests and not Nordic (based on BRS for combined grid and supply billing).
    - ▪ The Nordic countries will see if they can use effectiveDate and terminationDate from ChargeComponent instead of adding an association to Period.
- o The Ext_Charge is not used anymore and can be removed.
- o Comments to questions in slide 12:
    - ▪ Still let MarketEvaluationPoint inherit from UsagePoint?

      Conclusion:
        - • Postponed – will be put on next agenda.

- Compare extensions here with extensions in the Dutch model.

    Conclusion:

    - Postponed – will be put on next agenda.

- Verify which extensions that are not yet agreed within WG16 (or WG14).

    - Describe those extensions and present them to WG16.

    Conclusion:

    - Postponed – will be put on next agenda.

- Make new ACCs based on changes described above.

    Conclusion:

    - Ongoing task.

- Make (and maintain) a common .eap file with the extensions to basic CIM.

    Conclusion:

    - Ongoing task.

- Make (and maintain) a common ESDMP profile.

    Conclusion:

    - Ongoing task.

Action:

- Jan (SE) will bring the agreed text and comments from a) and b) to WG16.

5.1.3   Where to put the ebIX® element Energy Industry Classification Type (Electricity or Gas)?

At the WG16 meeting December 17th, it was concluded that it would be best to have an own class with its own attribute indicating which part of the energy industry the information/communication relates to, and Jan (SE) has investigated the topic further:

- Should it be named Energy Sector, Utility Sector, Business Sector or Industry Sector?

- If we use the term "Utility Sector", then it might even include things like water and broadband.

- If we use the concept of Business Sector or Industry Sector, we may use:

    o The Statistical Classification of Economic Activities in the European Community Rev. 2 (2008) code "D" (first level) could be used to identify "Supply of electricity, gas, heating and cooling" See https://sv.wikipedia.org/wiki/N%C3%A4ringsgrensindelning

    o The Statistical Classification of Economic Activities in the European Community Rev. 2 (2008) codes are fundamentally common in the EU (NACE). So, it's going well in Europe, see https://en.wikipedia.org/wiki/Statistical_Classification_of_Economic_Activities_in_the_European_Community

    o In the US, however, NAICS is used, see https://en.wikipedia.org/wiki/North_American_Industry_Classification_System. NAICS 22 is the "Utility Sector" which also includes water (and sewage).

- And then there is the UN classification where "4" stands for "Electricity, gas, steam and air conditioning supply", see https://en.wikipedia.org/wiki/International_Standard_Industrial_Classification

- So, we are now going towards introducing a concept "Business Sector" or "Industry Sector" (spontaneously the former feels better because "Industry" in Swedish makes me think of other things). And to use the NACE code down to three digits in the message exchange: 35.1 for electricity, 35.2 for gas, 35.3 for heating and cooling.

  Or really: Enter a code and enter whose code is being used (NACE, NAICS...). Then if someone wants to use our messages in other industries, other NACE codes may be used.

Now it's just a matter of finding a good definition, which can solve the question of whether it should be called "Business Sector" or "Industry Sector".

On short time ebIX® will probably still use the UN/CEFACT codes 23 and 27.

Conclusion:

- We think the term Business Sector is the best.

Item closed.

5.1.4   New and continued actions from previous meeting

Continued actions:

- Kees will add the following MRs to the series of other MRs that will be sent from ebIX® based on the Dutch requirements :
  - Addition of a schemeAgency and a listAgency as optional attributes for code lists.
  - Change 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, including examples.

5.1.5   Status for MRs to WG16 based on Dutch and Nordic CIM pilot projects

At the ETC meeting in July, it was decided that we should send a MR to IEC/WG16 to rename the association named Original Market Document to something more generic.

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".

### 5.1.6   How to implement code lists in the European Style Downstream Market Profile (ESDMP)

Continued action:

- Kees will, as a start, see if he can find an option for combining the Enumeration literals (codes) with a listIdentifier attribute.
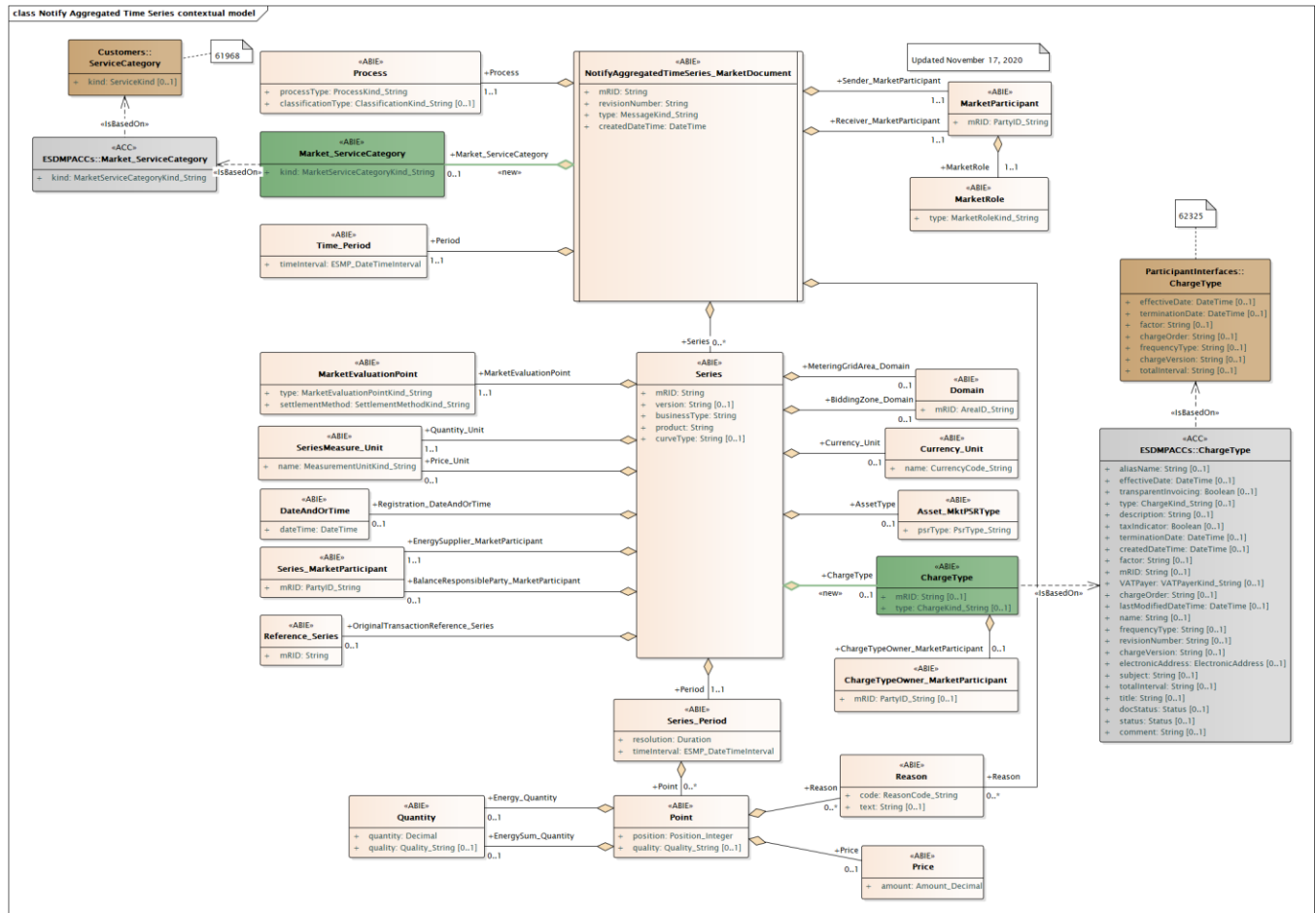
5.1.7 Aligning the result from the Dutch and the Nordic IEC CIM pilot projects

Jan (SE) and Ove had made class diagrams for the two Nordic (NBS) measure document extensions.

Measure data for a MP:
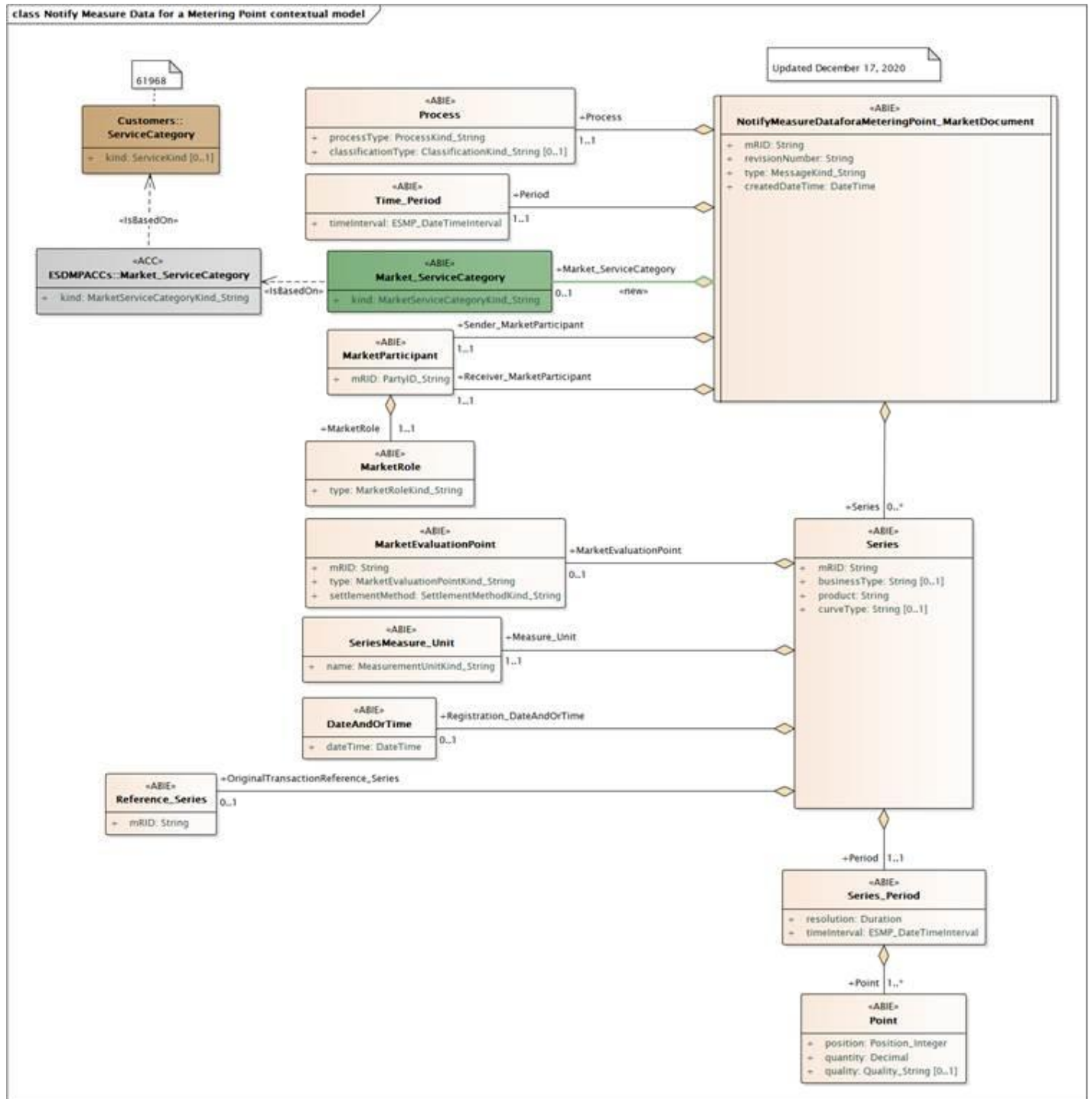
Aggregated time series:

The Market_ServiceCategory will be changed to a new class, see item 5.1.3 above.

Jan (NL) noted that we should add clarifying notes to explain why we need an extension, but only when needed.

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.

- Jan (SE)/Ove will continue making class diagram(s) where extensions to ESMP is shown with different colours and use extension classes and inheritance where new attributes are needed in an ACC, for non-measure documents.

5.2   Status for MRs to WG16, see Appendix A in the separate appendix document

The work to getting the MRs approved in WG16 is ongoing.

5.3 How to add additions to CIM

Status for "how to add additions to CIM". Jan (SE) noted that there is ongoing work within IEC to make some rules.

Action:

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

5.4 Procedures for how to align IEC MRs between EBG and ETC

Postponed.

6 Problems with TT (Eclipse)

Ove sent a reminder to Paweł at In4Mate with a copy to Pawel at Innogy November 19^{th,} 2020.

Postponed until someone needs the TT.

7 Resolve HG issues

7.1 Status for new project for alignment of Area configuration

No news.

7.2 BRP vs Energy Trader

Postponed.

8 Status for meeting for harmonisation of the electricity and gas markets role models

The first meeting between the HG and the gas marked for harmonisation of the two role models will take place as a Teams meeting January 12th from 10:30 to 12:00.

9 ebIX® Business Information Model 2020.A

9.1 Use of XOR in combination with cardinalities

Postponed.

9.2 Reporting interval

From Jan (SE):

In Sweden we are reporting (currently in the PRODAT messages, and in the future to/from the datahub) several things about the accounting point. Four or five things of those that we intend to report to/from the datahub I don't find in ebIX.

One of these things is the "Reporting interval" that we today send in PRODAT. I.e. the values are typically collected daily or monthly. But when are they reported? You are, depending on some rules, allowed just to send the hourly values once a month.

For accounting points part of the imbalance settlement, they must be reported daily (i.e. quarterly values or hourly values). For accounting points part of the reconciliation, hourly values might be reported daily, but you are allowed to send them once a month. But: as a supplier I want to know that. Will I get the values once a month, or will I get them daily? For accounting points part of the reconciliation, monthly values will be sent once a month. (Perhaps we also have some rules when sending values to the customer – perhaps using the same standard and format as sending to suppliers – that those values might be sent more seldom.)

Anyhow, we then have an attribute that can be translated into "Reporting interval" or "Reporting frequency". Has this been discussed in ebIX? Perhaps it is only we in Sweden that informs the supplier how often he will get timeseries for a specific accounting point. If so, this attribute – and some others – will be of the kind "local extension to CIM" (whenever we will use CIM….).

Reply from Ove:

I believe we have these elements:

Scheduled Meter Reading Date	The indication of when the regular meter reading is scheduled.
Meter Reading Periodicity	The length of time between the regular meter readings.

Reply from Jan (SE):

In today's PRODAT messages we have:

- First meter reading Date, optional. And I don't think in use.

- Report start date, optional (will tell when you first start to send the metered values). I don't think it is in use.

- Meter reading frequency, required. Back in 2005 we changed this from telling how often you read the values to how often you send them.

In the datahub we will (at least) have

- Metering interval

- Reporting interval

I.e. how often will you do the metering (every 15 minutes, once an hour, monthly). And, how often will you send those values (once a day, every month…).

If "Meter Reading Periodicity" in ebIX® is used for telling how often you report the values, the name is not good. But perhaps then it is implemented differently in different countries… And how can we in the ebIX® model tell that we e.g. have quarterly values? (or hourly, monthly, yearly).

Conclusion:

- NMEG (Nordic) will be asked to make a MR and send it to EBG.

Item closed.

9.3 Comment to Settlement Method Code E15

Gerrit has noted that the descriptions of Settlement Method Codes are not very clear:

.Z01¤	Flex·settled¤	Consumption·or·production·from·small·continuously·read·Accounting·Points¤
▪E15¤	Non-profiled· ~~netted~~·with·special· rules¤	~~Metering~~ Accounting·point·with·~~both~~·consumption·and/or·production·with·special·~~settlement~~·rules.¤

The first says it is consumption or production, the latter states it is an AP. I at least would expect that it is something with settlement and the way how it is done. The current definitions do not make much sense.

The current definition is "*Accounting Point with consumption and/or production with special settlement rules*", i.e. includes settlement.

It was proposed to rephrase the definition to: "*Consumption and/or production with special rules*".

Action:

- We will ask Gerrit if this is a good solution (better definition).

9.4 Request from EBG for a new Response Reason Description Code

Postponed.

9.5 Continue review and update of version 2020.A

Postponed.

10 Code lists from Magic Draw model in Word format

Postponed.

11 Review of ETC workplan

Postponed.

12 Next meetings[1]

- Wednesday January 27, 2021 from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.
- Thursday February 18, 2021 from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.
- Wednesday March 24, 2021 from 10:00 to 12:00 and from 13:00 to 15:00, GoToMeeting.

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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.

13 AOB

13.1 Cross border identification of Customers and Market Participants

Kees had distributed two annexes to ETC and EBG to be able to discuss the consequences in case SGTF EG1 decides to follow eIDAS requirements in the implementing acts. The intention with eIDAS is making a gateway where a national ID can be converted to a valid ID in another country. For more information see the picture distributed by Kees and https://en.wikipedia.org/wiki/EIDAS.

The topic was also discussed in EBG earlier this week, where the following conclusions (ebIX® Positions) were agreed:

- This should not impose new ID schemes for current applications.
- The gateway should only be used for identification internationally – not mandatory on a national level.
- Kees will follow up in EG1.

ETC agreed to the conclusions (ebIX® Positions) from EBG).

Item closed.