Minutes ETC meeting, January 24th and 25th, 2018

Date: Wednesday and Thursday January 24th and 25th, 2018
Time: 09:00 – 17:30 and 09:00 – 16:00
Place: Edisys offices in Oslo
Present: Jan Owe, Svenska kraftnät

Kees Sparreboom, TenneT

Ove Nesvik, Edisys
Appendix A: Participants in ETC

ebIX
recommendations fc
Attachment: See item 4, Follow up on versioning discussion at previous meeting

(Double click on the icon above to see the presentation or right click to edit)

1   Approval of agenda

The agenda was approved with the following additions:
- How to make UseCases according to "IEC 62559-2"?, see item 6.1
- Issues from latest HG, see item 21.1 under AOB

2   Minutes from previous meetings

The minutes from previous meeting were approved.

3   ebIX® Forum action Item 2017b-06: "ebIX® position towards IEC"

From ebIX® Forum minutes:

Jan presented an evaluation of IEC cooperation and presented the following proposal for an ebIX® position:

- We expect:
  - CIM (with its relations between classes) from IEC;
  - ACCs and UMM from UN/CEFACT;
  - European subsets from CEN/CENELEC.
- These standards and specifications are the basis for ebIX® work, i.e.:
  - International standards should be tailored by ebIX® (and ENTSO-E) to fit specific European processes;
- And, the ebIX® work is input to these standards and specification.

- ➢ ETC is asked to verify the proposed position towards IEC with IEC/TC57/WG16.

Conclusion:

- ETC verified the statement and agreed to it.

4   Follow up on versioning discussion at previous meeting

All had as action from previous meeting to review the "ebIX® recommendations for versioning" before next ETC. The document was reviewed during the meeting and updated.

Action:
- All are asked to review the updated document, see attachment in the header of these minutes.

5   Status: ebIX®/IEC project

Jan informed that the IEC 62325-103 (mapping between the ebIX® model and CIM) has been published as an official IEC TR (technical Report).

5.1 Report from IEC WG16 workshop, November 29th

- Jan, Fedder, Kees, Greta Munnecke-Bonnary and Maurizio Monti from RTE participated.
- Updates from our IEC Technical report (however not all) were discussed, not only how to add them into IEC 62325-301, but also into IEC 62325-351 – i.e. the European CIM profile.
- One of the items was a suggestion to add a new class within CIM to handle some different kinds of "methods" related to a timeseries and/or a metering point. As attributes within Timeseries and MarketEvaluationPoint (i.e. the metering point) we in the Technical report wanted:

  - o **meteringMethod**
  - o **settlementMethod**

  And as an attribute within MarketEvaluationPoint we in the Technical report wanted:

  - o **meteredDataCollectionMethod**

  The suggestion was to have a new class in the basic CIM with an attribute "method", associated with "0..*" from the other classes. And that we in the profile specifies the (three) different methods.

  The homework, related to this, is then: What should be the name of this class? And what should be its definition?

  The suggestion we should then bring back to Greta before we discuss this further within WG16 (i.e. bringing it to Greta this year in order to discuss this and other updates at the WG16 January meeting) and submit changes to CIM.

  Jan is thinking of:

  - o Would "method" be the only attribute within such a class?
  - o **Or** should we have other characteristics there as well?

o **How** generic should classes within the basic CIM be?

For example, let us say that we also add an attribute "status" to this new class.

This "status" could be an attribute (or more attributes) that in the profile could be used to specify

- o if the metering point (or timeseries for an aggregation) is part of the imbalance settlement or not (see "administrativeStatus" in the technical report)
- o and possible other status (however not "connectionState" that we already have within UsagePoint and then also MarketEvaluationPoint).

Kees would like to see CIM as a "data model" and not a set of "CCs" as especially 62325 currently is. I.e. the different characteristics should be represented as their own CIM classes and not as a core component "Method" that is qualified when making implementable xml schemas (e.g. "settlement Method", "metering Method" etc.). Currently CIM is a mixture of the two concepts ("data model" and a set of "CCs"). This concern will be brought up by Jan and Kees at the WG 16 meeting in Brussels next week.

During this item, a PowerPoint presentation made by Greta after the meeting and the minutes from the meeting were reviewed. Comments to these documents will be brought up by Jan and Kees at the WG 16 meeting in Brussels next week.

Conclusion:
- Jan and Kees will discuss discussed topics at the WG 16 meeting in Brussels next week (week 5), i.e.:
  - o ebIX® would like to see CIM as a "data model" and not a set of "CCs". I.e. the different characteristics should be represented as their own CIM classes and not as a core component "Method" that is qualified when making implementable xml schemas (e.g. "settlement Method", "metering Method" etc.). Currently CIM is a mixture of the two concepts.
  - o Present comments to the minutes and PowerPoint presentation made by Greta after the IEC WG16 workshop, November 29th, in Brussels.

5.2 Cost of using IEC standards
From Kees:

Just had some unprepared discussion in WG EDI about the cost of using IEC standards. It was concluded at the end, that we have to put this topic on the IEC wg16 agenda for end of January.

Since there is no WG EDI meeting planned before the wg16 meeting, there will not be a possibility to discuss this within WG EDI anymore.

I think that we as ebIX therefore better use this occasion to address the topic of how to use standards more profoundly. I suggest we do this by submitting a proposal along the lines we already discussed last week with Maurizio and Greta and Fedder.

First step to put this on the agenda of ebIX ETC and preferably on the first day (since I cannot be there on the second day because of EG03).

Answer from Jan:

Let us have this on the agenda of the ETC meeting (first day).

But, as in input to this, did you get the mail sent out before the weekend by Jim? (Attached.)

It will be discussed on Thursday this week, and (if I participate then), I will suggest having this also on the IEC WG16 agenda.

WG16 Part 301 FW
WG19 IEC copy right

Conclusion:
- Jan and Kees will open a discussion at the WG 16 meeting in Brussels next week (week 5) regarding how CIM based ebIX® (and ENTSO-E ….) documents should be published. ETC expects ebIX® to be responsible for the creation of the schemas and supporting documentation, and to make these documents available free of charge for the market.

6   Status My Energy Data

Information from Eric Lambert:
- Result of voting 57/1938/RVN on PNW 57-1904 Profiles for Energy Consumption Data ("My Energy Data") was released in November.
- This new project is approved under following reference and title: IEC 63162 ED1 - Profiles for energy consumption data ("My Energy Data").
- Proposed targets dates for submission are:

     CD: 2018-01-31   CDV: 2018-08-31   FDIS: 2019-04-30   IS: 2019-08-30

- In order to get a first CD by end of January, we need to schedule regular web-conferences, specially before next IEC TC57 WG16 meeting which will take place in Bruxelles end of January. Could you please answer this Doodle: https://doodle.com/poll/uanunmukz9eimvmi
- Agenda proposal for December 2th:
    - NWIP reminder and Associated European Regulation
    - Addressing Comments received on the NWIP from CANADA, SWEDEN.
    - Methodology retained: based on European Style Market profile definition
    - CD Draft: Use Case, CIM model version, Contextual Model, XSD, CIM Issues
- Pay attention that we have expert from different part of the world.

List of nominated experts are :

LAST NAME:	FIRST NAME:	E-MAIL:	COUNTRY:
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Jan	Owe	Jan.Owe@svk.se	Sweden

Jan had made a set of comments to the latest CD (Committee Draft) from the project, version 0.4, which were reviewed and updated (extended). It was also made some general comments to the current version, such as:

- ebIX® would like to base the document on IEC 62325-451-n principles, which already is used the European market (ENTSO-E market extension);

- ebIX® think that the contextual models should be based on the findings in the ebIX® and IEC TR (IEC 62325-103);

- The document should have a clear split between Master Data and Metered Data, with much more focus on Master Data than in the current draft.

6.1 How to make UseCases according to "IEC 62559-2"?

The IEC 62559-2 standard for how to make UseCases was reviewed. The document lists a set of tables that should be filled in when making UseCases in IEC documents. However, the concept described seems complicated and more time is needed to investigate the concept before we eventually can start using it. For the time being the item is put on hold.

7 Status: Approval of the Harmonised Role Model (HRM) 2017-01

The Harmonised Role Model (HRM) 2017-01 has been published at both the ENTSO-E and ebIX® web sites.

8 Status: HG MR for "MP Gateway"

The item was postponed.

9 Status: HG MR for "Party administrator"

The item was postponed.

10 ebIX® Business Information Model 2018.A

The item was postponed.

11 ebIX® Rules for the use of UN/CEFACT Modelling Methodology (UMM 2)

The item was postponed.

12 MDS BIMs

The item was postponed.

13 Update of ebIX® position related to addressing in business documents

The item was postponed.

14   Code lists from Magic Draw model in Word format

The item was postponed.

15   Planning for support for new countries that want to use the ebIX® model

The item was postponed.

16   Status for update of the TT (Transformation Tool)

The item was postponed.

17   Creation of an ebIX® technical presentation

The item was postponed.

18   Status for UN/CEFACT project for Alignment of Master Data for Metering Point and of Measured Data

Kees informed that UN/CEFACT has threatened to stop the project for Alignment of Master Data for Metering Point and of Measured Data, unless ebIX® updates the plan. Hence, Kees had updated the plan with new dates and submitted it to UN/CEFACT in the beginning of this year. The updated plan was reviewed and approved.

UN/CEFACT has also noticed some particular points which need some adjustment to comply with the UN/CEFACT Library CCL implementation rules. The proposed updates to CCL was reviewed, based on these points:

1) Cardinalities should be expressed in 2 separate columns and we use 'unbounded' rather than '*'
   Conclusion:
   - o   "*" will be replaced with "unbound" in the Excel spreadsheet

2) Property Terms should not be the same as the Representation Terms for BCCs
   Conclusion:
   - o   See table below

3) Property Terms should not be the same as the Associated Object Class names for ASCCs
   Conclusion:
   - o   See table below

4) All CC names must follow the naming convention which states that all multiple words in name parts must be separated with a space e.g. Time Series rather than TimeSeries etc.
   Conclusion:
   - o   Space will be added in the Excel spreadsheet

5) Please only include library objects which you wish to add to the current library or to change. When requesting changes please document your required change in the Submitters Comment column
   Conclusion:
   o Will be handled in the Excel spreadsheet

6) You do not need to include any UN IDs for new submitted objects although the UN ID references should be included for any change submissions
   Conclusion:
   o Taken "ad notam".

Changes related to point 2) and 3) above:

CC	Current Property Term	New Property Term	Representation Term (2) or Associated Object Class names for ASCCs (3)	Comment
ACC Time Series	Date Time	Moment	Date Time	
	Date	Day	Date	
ASCC in ACC Time Series	Period	Time	Period	
ACC Period	Duration	Resolution	Duration	Duration is currently deprecated from CCL – ebIX® will submit a request for a new CDT Duration Type.
ACC Party				No change needed
ACC Characteristics	Date Time	Moment	Date Time	
	Duration	Number	Quantity (**Note;** change Representation Term from Duration to Quantity)	(*Used for Meter Reading Frequency (number of readings per year), which not is a Duration*)
ACC Location				No change needed
ACC Metrics				No change needed
ACC Facility				No change needed
ACC Event	Address	Location	Address	
ACC Address				No change needed
ACC Geographical Coordinates				No change needed
ACC Meter Read	Date Time	Moment	Date Time	
ACC Observation	Quantity	Measure	Quantity	
ACC Context				No change needed
ACC Request	Date Time	Moment	Date Time	
	Date	Day	Date	

19   Review of "Participants in ETC", see Appendix A

Joachim Schlegel (MDS) has informed that Joerg Wiemann (Westnetz) no longer is a member of ETC, hence he has been removed from the ETC member list, distribution list and web site.

20   Next meeting(s), including start and end time.

- Monday and Tuesday February 26th and 27th, in Svenska kraftnät' offices in Sundbyberg (Stockholm)
- Monday and Tuesday May 14th and 15th, in Arnhem or Rotterdam?
- Tuesday and Wednesday September 4th and 5th, place to be decided
- Wednesday and Thursday November 21st and 22nd, place to be decided

21   AOB

21.1 Issues from latest HG

From the latest HG minutes:
- For the last stereotype «Account» or «harmonised Account», was suggested. Another suggestion was to shorten the stereotypes to «hrm Role», «hrm Resource» etcetera, however the longer stereotype «harmonised Role» has been used in ebIX® documents.

- As a result of the discussion we agreed to use «Harmonised Account» as the stereotype for Balance Group, «CIM Object» instead of «from CIM» and «Harmonised Role» etc (capital H) for the others.

Action:
- To be discussed within WG-EDI and ETC is to use the shorter «HRM Role» etc. instead of «Harmonised Role» etc.

Conclusion:
- ETC propose to keep the long stereotype names, partly because ebIX® is using the long version today and it make the model clearer for new readers.

Appendix A Participants in ETC

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