

Minutes ETC meeting, March 12th and 13th 2013

Date: Tuesday and Wednesday, March 12th and 13th 2013
Time: 09:00 – 18:00 and 09:00 – 15:30
Place: Maribor
Participants: Andrej Bregar, SI, Informatika, andrej.bregar@informatika.si
 Fedder Skovgaard, Energinet.dk, fsd@energinet.dk
 Jan Owe, SE, Svenska Kraftnät, Jan.Owe@svk.se
 Kees Sparreboom, NL, CapGemini, kees.sparreboom@capgemini.com
 Ove Nesvik, NO, EdiSys, Ove.nesvik@edisys.no
 Vanja Bračko, SI, Informatika, Vanja.Bracko@informatika.si (first day)



NEG Memo Missing
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Attachment: , see item 11, tWG

1 Approval of agenda

The agenda was approved with the following additions:

- Question from CuS, see 20.1 under AOB
- Question from Slovenia, see 20.2 under AOB
- Priority was given to the following items:
 - 4, Preparation of contact with IEC/TC57
 - 5, Preparation of ebIX[®] Forum telephone conference March 21st
 - 13, ebIX[®], EFET and ENTSO-E Harmonisation Group (HG)

2 Minutes from previous meetings

The minutes from previous meeting was approved with the following comments:

- Regarding item 3 (AS4), Kees stressed that MADES is more a recommendation than a “standard”. MADES is currently an IEC NWP (New Work Proposal) for a technical specification with the name [IEC 62325-503](#).
- Kees also mentioned that he was uncertain that the conclusion from item 6: “*We will in the future define the cardinality of the payload as [1..*] in the ebIX[®] models*” is correct. The solution should maybe be similar to the way we make *Business Document Sets*.

3 AS4

Kees had as homework from previous meeting to contact one of the authors of AS4 and find out which vendors that support AS4 and relevant implementations. Kees had distributed two mails concerning this homework:

- 1) The latest status of AS4, which is since January 23rd 2013, is that AS4 now officially is an OASIS standard. The announcement can be found at <https://www.oasis-open.org/news/pr/as4-profile-of-ebms-3-0-becomes-oasis-standard>. In the document you can also use a link to find the AS4 document itself.

- 2) A document containing information on the present status of AS4 in the market, see attachment. The document provides more information regarding its use, the support from vendors and the ongoing/planned implementations. Additional note may be the interest shown by ENTSOG in using AS4.

After a short discussion it was agreed to put further AS4 activities on hold for the moment.

4 Preparation of contact with IEC/TC57

ebIX[®] (Vlatka and Jan) will participate at a IEC/TC57/WG16 meeting March 20th to 22nd.

Kees brought up the question; what do we want with the cooperation with IEC/TC57? From the related discussion:

- There was a longer discussion regarding what we mean with CCs, CIM, technology independent data-model etc.
- Possible goals:
 - Extend the CIM with ebIX[®] CCs (ABIEs) or elements from the ebIX[®] BRVs
 - Getting an “IEC approval” for the ebIX[®] process models
- There is currently an ongoing discussion between UN/CEFACT and IEC/TC57, which makes it difficult to withdraw the ebIX[®] and UN/CEFACT project for Alignment of Master Data for Metering Point and of Measured Data.
- Fedder stressed that it is important that we tell the ebIX[®] Forum what we are doing, i.e. “the full story”.
- Jan mentioned that he wants ebIX[®] and ENTSO-E to start a cooperation covering the exchange of information for both TSOs and other actors related to reconciliation. ENTSO-E has its ESP (ENTSO-E Settlement Process) guide, and that will be a base for the work with the same process within IEC. But since ebIX[®] will start a cooperation with IEC the work with information exchange related to Imbalance settlement and Reconciliation could be the first issues that we do in cooperation (IEC + ENTSO-E + ebIX[®]).

Conclusion:

- We would like to see a CIM downstream energy market extension (as an extension to the existing European style market extension) based on the ebIX[®] BRSs
- We would like to harmonise the exchange of information related to settlement and reconciliation
- We would like to see IEC adopting the Harmonised Role Model
- We expect some challenges regarding harmonisation of CCs

The PowerPoint presentation made during the previous ETC meeting was re-styled and updated. The updated presentation was distributed to ebIX[®] Forum.

5 Preparation of ebIX[®] Forum telephone conference March 21st

No preparations were found needed, except for the items dealt with under item 4 above.

6 Update of ebIX[®] recommendations for acknowledgement and error handling

Ove had distributed a first draft of a Business Requirements View of the ebIX[®] recommendations for acknowledgement and error handling, which had been commented by Jan.

There was not much time to review the document, but it was noted a general concern that the acknowledgment process may be a special case, which don't fit into a traditional BRS/BIM structure. It

was agreed that Ove, as homework, will look into the IEC acknowledgement process (document 62325-451-1) and the ENTSO-E acknowledgement process and see how we can fit these into a BRS/BIV construct or similar.

Homework:

- Ove will look at the IEC (62325-451-1) and ENTSO-E acknowledgement processes, to see how we can fit these into a BRS/BIV construct or similar.

7 ebIX® “Introduction to Business Requirements and Information Models”

Everyone had as homework from previous meeting to take a look at [ebIX Introduction to Business Requirements and Information Models version 00.0.D.pdf](#), to see what to update.

The document was reviewed and updated, among others by replacing the ebIX® subsets of the Harmonised Role Model, see also item 13 below.

CuS will be asked to review the chapter with generic CuS elements before these are added to the document.

Homework:

- Ove will clean-up the references and publish the document.

8 ebIX® Rules for the use of OCL statements

The document “*ebIX® Rules for use of OCL constraints*” was reviewed.

Homework:

- Kees will as homework update the layout of the document, distribute it to ETC and publish it at the ebIX® web site.

9 Use of Business Entities and States in CuS and EMD models

The CuS model was cleaned up, i.e. the Business Entities, except for Metering Point, Meter and Register was deleted from the Structure model.

10 Status for publication of «ebIX® common rules and recommendations»

The homework from previous meeting was continued:

- Kees will finalise the update of «ebIX® common rules and recommendations». Thereafter Kees will send Appendix D to Ove, who will publish it.

11 tWG

Fedder made a short reported from the latest tWG meeting:

- tWG supports ebIX® contact with IEC
- tWG had received a request from the Nordic Ediel Group (NEG) for how to handle missing values
 - The item will be put on the on next tWG agenda
 - In addition the item will be put on the next ETC meeting. The request is attached to these minutes.

- The Business Document Header (BDH) discussion (see memo from ETC, July 2nd 2012 and item 12 below) has been postponed
- The request for changing the copyright text in the Harmonised Role Model, after change of legal status of ebIX[®] will be put on the next tWG agenda

12 Business Document Header (BDH)

The item was postponed.

13 ebIX[®], EFET and ENTSO-E Harmonisation Group (HG)

At the previous meeting it was agreed that Kees, as homework, should verify the definition of *Trader*, before sending the definition to the HG. However, Kees concluded that the role is outside the scope of ebIX[®] and the request for the new role should be sent in by another organisation, such as ENTSO-E, EFET or maybe directly by NEG (Nordic Ediel Group).

Kees had, also as homework, corrected the subset of the ENTSO-E, EFET and ebIX[®] Harmonised Role Model related to the CuS and EMD models and Ove had distributed them to the HG.

The following texts for the headers were proposed:

- The roles and domains from the Harmonised Role Model used in the ebIX[®] processes for the business area Measure
- The roles and domains from the Harmonised Role Model used in the ebIX[®] Reconciliation process for the business area Settle
- The roles and domains from the Harmonised Role Model used in the ebIX[®] processes for the business area Structure

Ove had sent the change proposal for the definition of Grid Access Provider to the HG

The following change proposals for the Role Model will be proposed at the coming HG meeting:

- We miss the multiplicity for Balance Group 0..* in the association between Balance Group and Balance Responsible Party
- In the present version of the Role Model a Balance Group inherits from a Functional Group which is composed of Metering Points. Shouldn't a Balance Group be composed of Accounting Points where a Balance Responsible Party could be linked instead of being composed of Metering Points where no Balance Responsible Party can be linked? Can a Balance Group contain Metering Points for which no balance responsibility has been specified? When a Balance Group should be composed of Accounting Points (as we suppose) probably the best solution is to drop the assumption that a Balance Group still is a kind of Functional Group. We link the Balance Group to Accounting Point (is composed of 0..*) and to the Market Balance Area (belongs to 1), we drop the inheritance from Functional Group and keep the association between Functional Group and Metering Point (is composed of 0..*).
- We now have an association between the Grid Access Provider and the Accounting Point. We think that this should be between the Grid Access Provider and the Metering Point instead. We see in the draft minutes of last HG that an earlier similar comment has been withdrawn. Does someone remember why this was withdrawn? If this has been withdrawn for good reasons, then we have a problem with the addition about issuing an AP-ID by the Grid Access Provider. Assuming that also a Metering Point has an ID, who will issue this? Possible solution: add an association between Grid Access Provider and Metering Point with text: "responsible for (de-) commissioning and identification". This relation is then inherited by the Accounting Point also.

And we can keep the access limited to Accounting Point only (assuming that the reason for withdrawing the previous remark has been, that a MP provides no access to the grid.) When we add the association, our proposed text addition then still has to be changed: issues MP identification instead of issues AP identification.

- The Trade Responsible Party (TRP) is presently in the Role Model specified as a type of Balance Responsible Party (meaning: TRP inherits properties from BRP). The BRP is currently associated with an Accounting Point (AP) and as a consequence the TRP is also. Originally the TRP was included in the role model, because we needed a trader with balance responsibility, but without link to an AP. Therefore we expect that the present representation of the TRP as a type of BRP is a mistake that has to be corrected.

14 Status for review of Slovenian WS implementation

The item was postponed.

15 Benchmark test of different xml schema versions

Kees informed that the benchmark tests are progressing.

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

There has not been any progress in this project since previous ETC meeting.

17 Upgrade of MagicDraw from version 17.0 to version 17.02

The item was postponed.

18 Information from ENTSO-E/WG-EDI meetings (Fedder)

The item was postponed.

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

- May Wednesday 22nd and Thursday 23rd, Stockholm
 - 2nd generation Harmonized Role Model for Electricity and Gas
 - ebIX[®] Header high on the agenda
- August Monday 19th and Tuesday 20th, Copenhagen, starting 10:15 (KLM from Amsterdam arriving 9:25, SAS from Oslo arriving 09:30)
- Tuesday October 1st and Wednesday October 2nd (in the morning) 2013 in Belgium. The meeting will be followed by ebIX[®] Forum face-to-face meeting Wednesday October 2nd (in the afternoon) and Thursday October 3rd (until lunch) 2013.

20 AOB

20.1 *Question from CuS*

The following question from CuS was postponed; can the following codes be deprecated?

| <i>Supply Agreement Type Description Code</i> | | |
|---|--------------------------------|---|
| E05 | Full supply | Supply contract for full supply. |
| E06 | Partial supply (Open contract) | Supply contract for partial supply (Open contract). |
| E07 | Partial supply (Schedule) | Supply contract for partial supply (Schedule). |
| E08 | Co-operation | Supply contract for co-operation. |

20.2 *Question from Slovenia*

David Batič and Boštjan Topolovec participated for about an hour during the first day and raised some question related to the Harmonised Role Model, e.g. how to handle an Accounting Point with both consumption and production and different BRPs responsible for the consumption and the production. The best solution seemed to be creation of separate Accounting Points for consumption and production.

----- **If time items** -----

21 **ebIX® recommended identification scheme**

The item was postponed.

22 **Creation of an ebIX® technical presentation**

The item was postponed.

23 **ebIX® Business Information Models**

The item was postponed.

24 **Review of National code lists**

The item was postponed.

25 **ebIX® Modelling Methodology**

The item was postponed.

26 **Review of ETC tasks in Appendix A**

The ETC tasks in Appendix A were reviewed and updated.

27 **Status for test of a web-conference solution**

The item was postponed.

Appendix A THE TASKS OF ETC

| Task | Group | Priority | Planned |
|---|---|-----------------------|-------------------|
| Update of Introduction to Business Requirements and Information Models | | High | Every Q1 |
| Making ebIX [®] Recommendations for usage of WEB services including recommendations for acknowledgement and error handling | | Medium | 2013 |
| Review of “Rules for status and consequences for ebIX documents” | | Medium | Every Q1 |
| Maintain the ebIX [®] technical documents: <ul style="list-style-type: none"> • ebIX[®] Rules for the use of UMM-2.0 • ebIX[®] common rules and recommendations (v1r1D) • ebIX[®] Recommendations for asynchronous acknowledgement and error handling (v1r0C) | | Medium | Every Q2 |
| Other tasks: <ul style="list-style-type: none"> • Restructuring of UTIL-messages to reflect the structure of CCs (if we keep on mapping to EDIFACT) • 2nd generation Harmonized Role Model for Electricity and Gas • ebIX[®] Header | CuS, EMD and ETC Together with ENTSO-E? | Low Medium High | ? 2013 2013 |
| Maintain ebIX [®] profile for MagicDraw, including: <ul style="list-style-type: none"> • Core Components • Code lists • Templates, etc. | | Continuous | |
| Participation/representation in the ENTSO-E and ebIX [®] technical WGs <ul style="list-style-type: none"> • Maintaining harmonised role model • Core Components • Information exchange between participation organisations | Together with ENTSO-E | Continuous | |
| Participation in UN/CEFACT | | Continuous | |
| Cooperation with IEC/TC57/WG16 | | Continuous | |
| Organise implementation support, such as: <ul style="list-style-type: none"> • ebIX[®] course • Implementation support for participating countries, such as inserting/updating codes. | | Continuous | |
| Supporting ebIX [®] projects, i.e.: <ul style="list-style-type: none"> • Develop and maintain the UMM <i>Business Choreography View</i> and <i>Business Information View</i> from the CuS and EMD working groups. • Develop and maintain XML schemas based on the <i>Business Information View</i> from the CuS and EMD working groups | | Continuous | |

Appendix B PARTICIPANTS IN ETC

| Name | Company | Telephone | Mobile | E-mail |
|-------------------------|---|------------------|------------------|--|
| Andrej Bregar | Informatika | | | andrej.bregar@informatika.si |
| Christian Odgaard | Energinet.dk | +45 76 22 44 63 | +45 23 33 85 55 | cco@energinet.dk |
| Fedder Skovgaard | Energinet.dk | | +45 233 38 521 | fsd@energinet.dk |
| Jan Owe (Convenor) | Svenska Kraftnät | | +46 705 396 930 | Jan.Owe@svk.se |
| Kees Sparreboom | TenneT | | +31 622 66 7911 | kees.sparreboom@capgemini.com |
| Ove Nesvik (Secretary) | EdiSys | +47 22 42 13 80 | +47 928 22 908 | ove.nesvik@edisys.no |
| Thibaut Helin | Atrias | | | thibaut.hellin@atrias.be |
| | | | | |
| For information: | | | | |
| Alexander Pisters | E WIE EINFACH Strom & Gas GmbH | +49 234 515-2442 | +49 162 257 5428 | Alexander.Pisters@rwe.com |
| Cédric Dufour, Atrias | Atrias | | | Cedric.Dufour@Atrias.be |
| Chris de Jonge | Atrias | | | chris.dejonge@atrias.be |
| Christian Le | Statnett | | +47 404 53 744 | christian.le@statnett.no |
| David Batič | Energy Agency of the Republic of Slovenia | | | |
| Jon-Egil Nordvik | Statnett | +47 22 52 70 00 | +47 975 36 303 | jon-egil.nordvik@statnett.no |
| Lucy Sarkisian | TenneT | | +31 613 643 092 | lsarkisian@tennet.org |
| Stefan De Schouwer | Atrias | | | Stefan.DeSchouwer@atrias.be |
| Tomaž Lah | Energy Agency of the Republic of Slovenia | | | Tomaz.Lah@agen-rs.si |
| Vlatka Cordes | RWE | | | Vlatka.Cordes@rwe.com |
| | | | | |
| Observers: | | | | |
| Carsten Brass | EDNA | +49 241/9671 194 | | Carsten.Brass@kisters.de |

Appendix C EBIX® HEADER

To remember:

1. Do we want this rule? The requestor id and the requestor role (Business process role) for the actor (role) that asks for changed, added or deleted information of another role shall be stated in the document header.
2. Do we need a test indicator?
3. The content of the Energy Document and Energy Context ABIEs needs a review

Appendix D EBIX RULES FOR ADDRESSING (ROUTING)

27.1 Definitions

Juridical party: In this chapter the term juridical party will be used for the party juridical responsible for sending or receiving information.

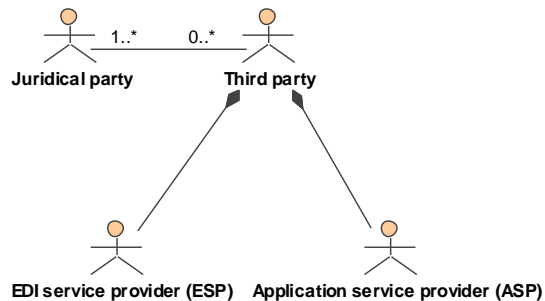
Business process id: The key element in routing and addressing is the Business process that will be identified by a code called the Business Process Identification (BPI). BPI also serves as the key element to indicate the business process capabilities of a party. The user group, government agency, or national ebIX group making a Business information model assigns this code.

Party id: The identification of a party, i.e. the party's EAN location number or the party's EIC (ETSO Identification Code).

Third party: A party acting on behalf of the juridical party (as an intermediate) in a message exchange scenario. In between the juridical parties there may be several third parties. These intermediates can have different responsibilities, such as routing of documents, conversions to/from EDIFACT/XML and/or handling of the document content on behalf of the juridical party. Intermediates only doing routing of messages will not be a part of the addressing principles discussed below. The third parties may be split into the following two subtypes:

Application service provider (ASP): A third party that takes care of the database (application) for a juridical party. The ASP is responsible for returning application acknowledgements, such as APERAK.

EDI Service Provider (ESP): A third party that is responsible for the document exchange on behalf of the juridical party, including conversion of documents. The ESP is responsible for returning syntax related acknowledgements, such as EDIFACT CONTRL.



Relationship between roles in document exchange

A juridical party can choose whether or not to use one or more third parties in his document exchange. It is also possible to combine usage of third parties for one or more business areas and handle the document exchange himself for other business areas.

27.2 Principles for addresses and identifications

1. The juridical party may choose whether to use one or more third parties as intermediates in a document exchange scenario.
2. A juridical party can only have one party id for each BPI.

3. Routing of documents, including acknowledgements, shall use the same principles even if third parties are used.
4. In case of additional routing information a BPI shall be used for routing of documents to the right business process through its identification.
5. The main use of the addresses in the envelope (for EDIFACT in UNB) is routing purposes. The routing information includes information related to the BPI.
6. A recipient id combined with the related BPI in the envelope (for EDIFACT in UNB) can only be linked to one communication address, but a communication address may be linked to several combinations of party ids and/or BPIs.
7. It shall always be the juridical party, the party legally responsible for sending or receiving the information, that is identified in the document header level (for EDIFACT in the NAD segment).
8. Either EAN or EIC (ETSO Identification Code) identification scheme shall be used as party id.
9. The BPI concerned shall be stated in the envelope.
10. Acknowledgements of acceptance, such as EDIFACT/APERAK, shall be treated as any other document regarding the addresses. I.e. the sender address, including BPI (sub address) in the original document, shall be sent as receiver address in the application acknowledgement. And the receiver address, including BPI (sub address) in the original document, shall be sent as sender address in the application acknowledgement.
11. Acknowledgements of receipt, such as EDIFACT/CONTRL documents, shall be returned with opposite addresses. I.e. the sender address, including BPI (sub address) in the original document, shall be sent as receiver address in the syntax acknowledgement. And the receiver address, including BPI (sub address) in the original document, shall be sent as sender address in the syntax acknowledgement.

