Minutes ETC meeting, October 22nd and 23rd, 2012

Date: Monday and Tuesday, October 22nd and 23rd, 2012
Time: 12:00 - 18:00 (Monday) and 09:00 – 14:30 (Tuesday)
Place: Berlin
Participants: David Batič, Energy Agency of the Republic of Slovenia, David.Batic@agen-rs.si
Jan Owe, SE, Svenska Kraftnät, Jan.Owe@svk.se
Kees Sparreboom, NL, CapGemini, kees.sparreboom@capgemini.com
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Vlatka Cordes, RWE, Vlatka.Cordes@rwe.com

Attachment:

Rollenmodel E & G 20121017 ENG.docx, see item 21.3, Harmonised role model for Electricity and Gas under AOB.

ebIX Common rules and recommendations, see item 21.1, Publication of ebIX® documents under AOB

Memo Missing Values 20121016.doc, see item 21.5, Handling of missing values from NEG under AOB

documentexchange. wsdl, see item 21.6, Slovenia - EDI: wdsl, under AOB

1   Approval of agenda
The agenda was approved with the following additions:
- Publication of ebIX® documents, see 21.1 under AOB
- ebIX® UN/CEFACT CC project, see 21.2 under AOB
- Harmonised role model for Electricity and Gas, see 21.3 under AOB
- Handling of missing values from NEG see 21.5 under AOB
- Slovenia - EDI: wdsl see 21.6 under AOB

2   Minutes from previous meetings
The minutes from previous meetings were approved:
- Minutes from meeting September 6ᵗʰ 2012
- Minutes from web conference September 28ᵗʰ 2012
- Minutes from web conference October 8ᵗʰ 2012

3   Preparation for next ebIX® Forum meeting October 23ʳᵈ and 24ᵗʰ
A proposal for an ebIX® budget was gone through and updated. Vlatka will present it at ebIX® forum meeting.

During this item Vlatka showed a report related to Smart Grid from CEN/CENELEC/ETSI. Among others the document lists standards for document exchange, but almost without mentioning ebIX®. Vlatka and Kees will send comments, asking for adding ebIX® standards to the report.

A proposal for an ETC status presentation drafted by Ove was reviewed and updated. Jan will present it on the ebIX® Forum meeting.

Also presentations from the ebIX®, EFET and ENTSO-E Harmonised Role Model and tWG was reviewed and slightly updated.

4   Report from UN/CEFACT Forum September 2012
Kees reported from the UN/CEFACT Forum in the telephone conference September 28th, se these minutes for a report.

5   ebIX® relationship to IEC; prepare a proposal for how to cooperate
A proposal for a presentation was drafted at the previous ETC meeting. The presentation was reviewed and updated. Vlatka will present it on the ebIX® Forum meeting.

6   Report from tWG
Vlatka made a short report from tWG and mentioned especially the following item (from the latest tWG meeting minutes):

> *At this point in time, there seem to be two possible ways forward. One is to perform a gap analysis between ENTSO-E's and ebIX's modelling methodologies and the other between ebIX's and the relevant IEC standards.*

> *Action point 02-03: FS is to verify whether the development of ENTSO-E's EDI standards will cease once a corresponding IEC standard has been approved. (E.g. IEC 62325-451-1 work product currently in CDV status.)*

7   EEM 2012A
Since there are very few changes since 2011.A and the fact that nobody will use the model for implementation in the near future, it was agreed to postpone the publication of EEM 2012.A.

8   Request from CuS:
The following requests have been received from CuS:
- Add a mapping table, between element names form the BRV and the element names in the BIV in the BIV documents.

    Discussion:
    - Kees mentioned that ebIX® is missing a complete data model, similar to the CIM for IEC. If we have a data model it would be possible to link the terms used in the Business Requirements Views to the data model instead of a mapping table in the Business Information Views.
    - Ove will make proposals for a mapping table and a modelled solution, using dependencies («represents») for the BRV classes to the BIV classes.

- To see if it is possible to shorten the element names in the BIV, since some of the concatenated names are very long.

Discussion:
- o Since the XML schemas are based on UN/CEFACT NDR and CCTS there are limited possibilities for making shorter names. However, it might be possible to use common abbreviations, such as MP for Metering Point. This may be especially useful for the name of the Message assembly.

- See if *Status type* (39/41) can be removed from the confirm/reject XML schemas?

Conclusion:
- o Will be removed by OCL statements.

- Add *MP Reading Characteristics* to the *Notify MP Characteristics* XML schemas

Conclusion:
- o Ove will find a justification for the request for next meeting

Homework:
- Ove will make proposals for a mapping table and a modelled solution, using dependencies («represents») for the BRV classes to the BIV classes.
- Kees will make a list over possible shorter names for Message assembly for EMD documents
- Ove will make a list over possible shorter names for Message assembly for CuS documents
- Ove will remove *Status type* (39/41) by updating the OCL statements
- Ove will find a justification for the request for addition of *MP Reading Characteristics* for next ETC meeting

9   Status for test of a web-conference solution

Andrej had as homework from previous meeting to set up a test, one-to-one, with relevant ETC web-conference participants, to get all up and running before next web-conference. Since Andrej has been on a parental leave the item was postponed to a later meeting.

10   ebIX®, EFET and ENTSO-E Harmonisation Group (HG)

Kees and Ove had as homework from previous meeting to make proposals for text, for the title connected to the ebIX® subsets in the ebIX®, EFET and ENTSO-E Harmonised Role Model, and a short description of EMD and CuS. Ove had made a proposal, see Appendix A, which was reviewed and updated. The proposal will be forwarded to the HG.

Continued homework:
- Kees will make proposal for text, for the title connect to the ebIX® subsets in the ebIX®, EFET and ENTSO-E Harmonised Role Model, and a short description of EMD.

The HG comments to the ebIX® identification schemes document was briefly discussed within tWG, however without any request to change anything.

11   Business Document Header (BDH)

The BDH has so far not been discussed in tWG, but is still on the agenda for a later meeting.

The draft requirement specification for an ebIX® BDH from Andrej was postponed.

Continued homework:
- Andrej will make a draft requirement specification for an ebIX® BDH for discussion at the next ETC

- o 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 draft document header with a comment that it "is to be decided".
- o We need a test indicator

12 Creation of an ebIX® technical presentation
This was an "If time item". The item was postponed to a later meeting.

13 ebIX® Transformation tool
This was an "If time item". The item was postponed to a later meeting.

14 ebIX® Business Information models
This was an "If time item". The item was postponed to a later meeting.

15 Review of National code lists
This was an "If time item". The item was postponed to a later meeting.

16 ebIX® Modelling Methodology
This was an "If time item". The item was postponed to a later meeting.

17 AS4 WS profile
This was an "If time item". The item was postponed to a later meeting.

18 Review of ETC tasks in Appendix B
This was an "If time item". The item was postponed to a later meeting.

19 Information from ENTSO-E/WG-EDI meetings (Fedder)
This was an "If time item". The item was postponed to a later meeting.

20 Next meeting(s), including start and end time.
Tuesday and Wednesday, November 27th and 28th, Switzerland, Slovenia or Belgium (in prioritised sequence)
- One day reserved for making a proposal for improvement of the quality of the Role Model definitions and associations.
- Review of Slovenian WS implementation.

21 AOB

21.1 Publication of ebIX® documents
Norway (Christian Le) asked on the previous telephone conference why the following documents not are published at www.ebix.org:

- A) «ebIX® common rules and recommendations» and
- B) «ebIX® recommendations for acknowledgement and error handling»

The «ebIX® recommendations for acknowledgement and error handling» will be republished after update. Ove will as homework make a proposal.

The «ebIX® common rules and recommendations» contains several outdated chapters and was updated. Kees will as homework update Appendix D in the document. The result of the update during the meeting is attached.

Chapter 7 from the document should be a basis for a new chapter in the ebIX® recommended identification scheme document, to be created on next (or a later) ETC meeting, se Appendix E.

During this item Kees sent the following mail to Christian Huemer (UN/CEFACT)

> *Christian,*
> *During the Forum I talked either with you or with Philipp about the MagicDraw profile for UMM-2 and UPCC we have provided before. That was based on the development stages UMM-2 and UPCC were in by then. We as ebIX are still willing to continue this job. But we would like to see the profile to be made available on a proper website on a proper location. Because we think that at this moment "strangers" will not be able to find the development site anymore. Would that be possible? Could you talk about this with the Bureau?*

Homework:
- Kees will update Appendix D in «ebIX® common rules and recommendations»
- Ove will make a proposal for update of «ebIX® recommendations for acknowledgement and error handling», assuming that it will be limited to EDIFACT and that the *Processability report* is abandoned.

21.2 ebIX® UN/CEFACT CC project
Kees informed that the original ebIX® proposal, to appoint Kees as the project leader and Ove as the editor for the ebIX® cc project has been approved by the bureau's vice chair for the UN/CEFACT/PDA Sectorial.

The name of the project was discussed and the term "Utilities" seems to the best that cover data exchange in Electricity, Gas, Water, Heating, Garbage etc.

21.3 Harmonised role model for Electricity and Gas
Kees had distributed a report from Dutch discussions about a common harmonized role model for E & G, see attached document. These discussions have been going on for some time now and the Netherlands have reached a kind of interim conclusions. From the following discussion:

- The proposal currently reflects the Dutch Gas market, but Kees and Vlatka wants to discuss it also for the German situation. Thereafter the intention is to present it as a possible solution to EASEE-gas (or ENTSOG).
- The use of clusters was seen as a good way of simplifying the models. However it was noted that the clusters will differ between countries and therefore not are suitable for the Harmonised Role model.

Under this item Kees also proposed to give some consideration to the thought of bringing the Harmonized Role Model to CEN in order to have it given a status as an (European) standard. Would we be in favour of approval of the Role Model as a CEN or as an IEC standard? From related discussion:

- Having the Role Model as a CEN or IEC standard makes it harder to change and update the Role Model
- When the Role Model is used by more and more organisations and people, there is a risk of "misuse" of the roles and domains
- A possibility is to have the core of the Role Model as a CEN or IEC standard and have candidates and specialities outside of the Core Role Model,

Conclusion:
- ebIX® will bring the question to the HG

21.4   NBS Nordic Balancing System project (NBS)

Ove showed a presentation explaining the NBS project and the request from NBS to the Nordic Ediel Group (NEG), which is asked to make a BRS for the related data exchange. The NBS has for the moment one change request for the EMD project, i.e. addition of a Balance Supplier ID in:

- ebIX® Aggregated Data per MGA for Settlement Responsible (E31, E44) for consumption and production
- ebIX® Aggregated RE/BRP reconciled energy per MGA on consumption (E31, E44)

NEG will send a change request to EMD (Vlatka and Kees) and related documentation.

In addition there will probably come up a need for changes related to detailing of Load Profile Share (LPS) and the reconciliation process. This is however changes that NBS will come back to later.

It was also noted that the Nordic countries have nominated the following participants for EMD:

- Morten Torgalsbøen, Statnett, morten.torgalsboen@statnett.no
- Preben Høj Larsen, Energinet.dk, phq@energinet.dk
- Lars Munter, SvK, Lars.Munter@svk.se

Homework:
- Jan and/or Ove will ask NEG to send a change request to EMD (Vlatka and Kees) with the related documentation.

21.5   Handling of missing values from NEG

For information the Nordic Ediel Group has sent a memo to tWG, asking for a solution on how to handle missing values. The memo is attached.

21.6   Slovenia - EDI: wdsl

David had sent a wdsl used in a pilot project at Borzen, originally from Andraž, for preliminary review at the ETC meeting, with the following comment:

> Borzen (as well as Section IPET) is asking ETC for instructions on validation procedure - we'd like to validate every solution based on ebIX® standards within ETC before the implementation on the national level. So basically we'd like to know, what we have to provide to ETC (i.e. Magic Draw models, WSDL-s etc.), what are the constraints (timing etc.) to make this possible.
>
> Suggestions and comments by ETC are highly appreciated and prerequisite for further actions on our side :-).
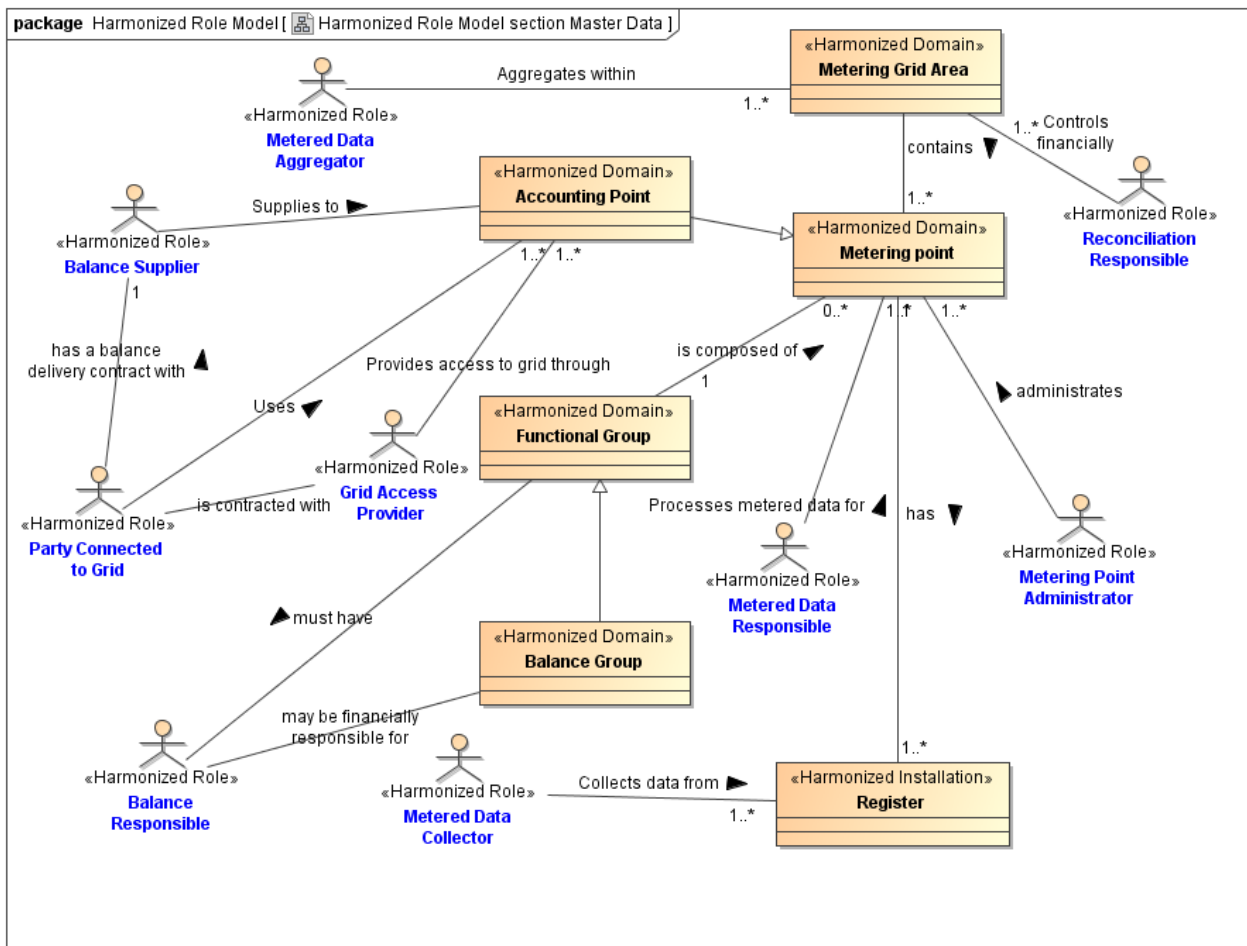
The wsdl is attached.

David will distribute more information when available and a review will be put on the next ETC agenda.

Homework:
- David will distribute more information when available**.**

Appendix A PROPOSAL FOR TEXT FOR THE EBIX® SUBSET IN THE ROLE MODEL

Proposal for ebIX® subset for addition to the role model related to Master data for Metering Points:

The subset of the ENTSO-E, EFET and ebIX® Harmonised Role Model related to the ebIX® Master Data processes concern changes, additions and ending of entities in the European downstream energy market. Examples of such processes are Change of Supplier, End of Supply, Change of Balance Responsible Party and Query/Response Metering Point Master Data.

Appendix B   THE TASKS OF ETC

Task	Group	Priority	Planned
Making ebIX® Recommendations for usage of WEB services including recommendations for acknowledgement and error handling		High	2012
Review of "Rules for ETC" with special focus on maintenance procedures moved from the ebIX® Methodology		Medium	2012
Maintain the ebIX® technical documents: • ebIX® Rules for the use of UMM-2.0 • ebIX® common rules and recommendations (v1r1D) • ebIX® Recommendations for asynchronous acknowledgement and error handling (v1r0C)		Urgent Medium High	Q4 2011 2012 2012
Other tasks: • 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 High High	? 2012 2012
Maintain ebIX® profile for MagicDraw, including: • Core Components • Code lists • Templates, etc.		Continuous	
Participation/representation in the ENTSO-E and ebIX® technical WGs • 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		Question to ebIX Forum	?
Organise implementation support, such as: • ebIX® course • Implementation support for participating countries, such as inserting/updating codes.		Continuous	
Supporting ebIX® projects, i.e.: • Develop and maintain the UMM *Business Choreography View* and *Business Information View* from the CuS and EMD working groups. • Develop and maintain XML schemas based on the *Business Information View* from the CuS and EMD working groups		Continuous	

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Appendix D 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 at test indicator?

Appendix E ebIX RULES FOR ADDRESSING (ROUTING)

1.1) Definitions

Juridical party: In this chapter the term juridical party will be used for the party juridical responsible for sending or receiving information.
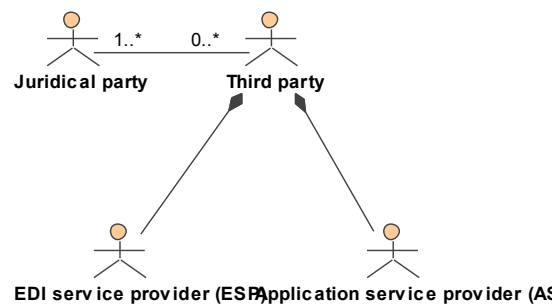
Business process id: The key element in routing and addressing is the Business process that will be identified by a code called the Business Process Identification (BPI). BPI also serves as the key element to indicate the business process capabilities of a party. The user group, government agency, or 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.

1.2) 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.