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| Minutes ETC meeting, May 23rd, 2013 |  European forum for energy Business Information eXchange |
| August 6 th , 2013 | ETC - ebIX [®] Technical Committee |

Minutes ETC meeting, May 23rd, 2013

Date: Thursday, May 23rd, 2013
Time: 09:00 – 16:00
Place: Radison Blu, Sky City, Arlanda
Participants: Fedder Skovgaard, DK, 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
Appendixes: **Appendix A**, Pending list
Appendix B, The tasks of ETC
Appendix C, Participants in ETC
Appendix D, ebIX Rules for addressing (routing)
Attachment: None

1 Approval of agenda

The agenda was approved with the following additions:

- Possible error; “ebIX[®] Aggregated Data per Neighbouring Grid for Settlement Responsible”, see 15.1 under AOB

It was agreed that “If time items” should be cleaned up. Relevant items were moved to a pending list.

2 Minutes from previous meetings

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

- The text from item 4; “If ebIX[®] could use the IEC/ENTSO-E acknowledgement document for xml documents instead of creating our own will be discussed later.” will be added to a pending list with a reference to the ETC minutes from April 2013.
- The text in 18.3: “CCBDA is still a challenge, ~~i.e.~~ e.g. it does not support the ebIX[®] way of doing things (using OCL).” Was changed (i.e. -> e.g.).
- A conclusion was added to item 18.4, point 1:

Conclusion:

The complete class diagram, showing the ASBIEs, will be shown in the document “Introduction to ebIX[®] models”. The simple class diagrams are used in the BIMs.

3 Resolve matters arising from contact with IEC/TC57

No one at the meeting had heard anything from IEC after the IEC meeting last week. I.e. there was no items to discuss.

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

Ove had as homework updated and distributed the ebIX[®] acknowledgement document from February 2013. Chris (Belgium) and Jan (Sweden) had sent in comments to the distributed document, which had been incorporated in the document.

A review and update of the acknowledgment document was the main item at the meeting.

During this item it was noted a writing error in the “*Response Reason Description Code E55 = Unauthorised Metered Data Responsible*” (Roles should be written in Upper-Camel-Case and an “e” is missing in *Metered*). Kees corrected the text during the meeting.

Homework:

- Kees will add the new code list; Model Error Description Code to the ebIX® model
- Ove will update the Acknowledgment document according to notes made during the review

5 Status for publications after previous ETC meeting

Kees had as homework from previous meeting updated:

- ebIX® Rules for the use of OCL statements
- ebIX® common rules and recommendations, appendix D (How to assemble an EDIFACT Message and Despatch)
- Introduction to ebIX® Models

It was agreed that Kees can publish “ebIX® Rules for the use of OCL statements”. The other two documents were postponed.

Homework:

- Kees will publish “ebIX® Rules for the use of OCL statements”

6 tWG

No report was given.

7 Business Document Header (BDH)

Due to lack of time the item was postponed

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

Due to lack of time the item was postponed

9 Status for review of Slovenian WS implementation

Since no one from Slovenia was present, the item was postponed

10 Benchmark test of different xml schema versions

Due to lack of time the item was postponed

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

Due to lack of time the item was postponed

12 Rules for ETC

Jan had as homework from previous meeting to go through the *Rules for ETC document* once more and make proposals for where to put the text that still is relevant.

Jan had rewritten some of the text and put into a new revision of the document “Rules for status and consequences for ebIX documents”. However, there was no time to review the updated document.

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

Due to lack of time the item was postponed

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

- Tuesday 20th and Wednesday 21st of August 2013, 09:00 – 18:00 and 09:00 – 15:00, Arnhem, the Netherlands

15 AOB

15.1 Possible error; “ebIX[®] Aggregated Data per Neighbouring Grid for Settlement Responsible”

During a Nordic NBS meeting Tuesday May 21st, it was noted that the BS and BRP are parts of the XML schema, but not part of the requirements in the BRS. What is right?

Kees checked the question after the meeting, with the following result:

I have checked and I think it is fair to say, that the BRS is right and the schema is wrong. Older versions are all in line with the BRS, also the older schema's. So I have changed the OCL statement for 2012.A from BRP and BS as optional to 0. What it was already in the older OCL-statements.

In order to be absolutely sure, I will bring it up in the next EMD-meeting where we have planned to discuss the updates for BRS Measure for Imbalance settlement anyway.

Appendix A PENDING LIST

1 Can ebIX[®] use the IEC/ENTSO-E acknowledgement document for xml documents instead of creating our own

See ETC minutes from April 2013.

2 ebIX[®] recommended identification scheme

Chapter 7, *ebIX[®] Rules for Addressing (Routing)* from the «ebIX[®] common rules and recommendations» should be a basis for a new chapter in the ebIX[®] recommended identification scheme document, see Appendix D (in this document).

3 Creation of an ebIX[®] technical presentation

4 ebIX[®] Business Information Models

5 How to describe XML schemas

Swissgrid has looked into alternative ways of describing XML schemas, as an alternative to the current OCL statements:

1. Using the generator as shown last or pre-past meeting. The example is attached.
2. Create very nice documents with this product:

http://www.filigris.com/products/docflex_xml/xsddoc/#intro

Probably, we should first exactly define the audience for this document. For developers and architects, a very basic documentation like xml-spy test.doc will be fine, for more sales- and marketing oriented users, the reports have to be nice and probably a little bit fancy... like the examples from the docflex.

6 Review of National code lists

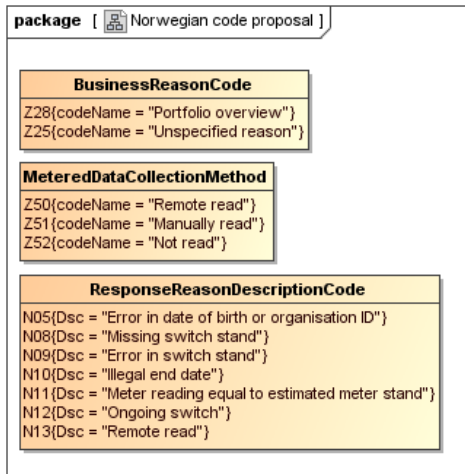
The following code lists comes from a review in the CuS WG and are candidates for updates of the ebIX[®] models:

The screenshot shows a software interface with a package name 'Switzerland' and a title 'National Swiss Codes'. It displays two code list definitions side-by-side. The left one is for 'BusinessReasonCode' and the right one is for 'DocumentNameCode'. Both are defined as «e-ENUM» with specific agency and list IDs, names, draft status, and UNCL values. Below each definition is a list of code entries with their respective code names and roles.

```
package Switzerland [ National Swiss Codes ]

«e-ENUM»
BusinessReasonCode
{codeListAgencyID = 260,
codeListID = VSE,
name = "BusinessReasonCode",
status = draft,
UNCL = "9013"}
C10{codeName = "Check Information"}
C11{codeName = "Kostenzuteilung (Systemdienstleistung)"}
C12{codeName = "Kostenwälzung"}

«e-ENUM»
DocumentNameCode
{codeListAgencyID = 260,
codeListID = VSE,
name = "DocumentNameCode",
status = draft,
UNCL = "1001"}
C01{codeName = "Notification", resp. role = DDX}
C02{codeName = "Notification", resp. role = DEA}
```



7 ebIX® Modelling Methodology

Homework from earlier meetings:

- Those who have time are asked to read the ebIX® Modelling Methodology (see www.ebix.org) and see if there are parts of it that have to be moved to the *ebIX® Rules for the use of UMM2* or *Introduction to ebIX® Models* documents.

8 Review of ETC tasks in Appendix B

9 Status for test of a web-conference solution

Set up a test, one-to-one, with relevant ETC web-conference participants, to get all up and running before next web-conference.

10 ebIX® header:

- a) Do we want the following 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.

- b) Do we need a test indicator?
 c) The content of the Energy Document and Energy Context ABIEs needs a review

Appendix B 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 | 2013 |
| | | High | 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 C PARTICIPANTS IN ETC

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Appendix D EBIX RULES FOR ADDRESSING (ROUTING)

D.1 Definitions

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

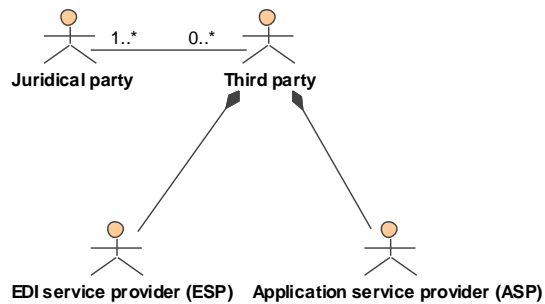
Business process id: The key element in routing and addressing is the Business process that will be identified by a code called the Business Process Identification (BPI). BPI also serves as the key element to indicate the business process capabilities of a party. The user group, government agency, or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

D.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.

