

some (minor) changes: for CuS an additional new type of Party has been created and in all ABIE's the ABIE for references has been deprecated and references are now included as BBIE.

5.1.2. updated Introduction to ebIX models

ETC is working on an update for the Introduction. An important part is constituted by the generic processes for both CuS and EMD that will become part of the Introduction (instead of being repeated in BRS's)

5.1.3. updated rules for use OCL and updated OCL templates (because of updated BIE's)

The document regarding rules for the use of OCL has been prepared for publication on the website (instead of being just an internal working document). As a consequence of the changes in the BIE's the standard templates for constraints containing all possible OCL statements have been updated. These templates are available on demand, but will not be published on the website.

5.1.4. national codes and national customization in ebIX[®] model

There is still no progress in the addition of national codes to the UMM model. So all ebIX[®] members are requested to submit their national codes for inclusion in the ebIX[®] profile for the model. (**action: all**)

5.2. ebIX[®] Forum

Austria and Switzerland are not ebIX[®] member since 1st of January 2013.

5.2.1. budget EMD 2013

Vlatka reported that the budget looks OK

5.3. ebIX[®] CuS

Kees reported, that ebIX CuS is also about to finalise the BRS's for role changes for Metering Points and for master data Metering Points. It has been agreed to start the work on the master data for Meter in the next CuS meeting.

5.4. IEC TC 57

Vlatka reported that contacts with IEC TC 57 have been established, but that the practical for some unknown reason keeps being postponed by IEC.

5.5. ENTSO-E / tWG

No news from the tWG.

Kees reported, that ENTSO-E proposes a new IEC work item called "Imbalance Settlement and Reconciliation". (And during the meeting Jan Owe did send a mail proposing that all IEC representatives for all ebIX[®] member countries should vote against this proposal.) All ebIX[®] EMD members agreed that it seems strange that ENTSO-E proposes to start work on reconciliation without even mentioning ebIX[®] work.

5.6. National developments

Nordic market model: the new balancing system in the common hub is planned for the spring 2015. Consequence for Sweden is decentralization of the processes, for Norway and Finland there will be on the contrary more centralization for reconciliation. In Norway Statnett implements, in Finland it is Fingrid, in Sweden is still open who will do the job (regulator has to decide on the hub). According to NBS the model changed a bit: aggregated information will go from the hub to the addressees (instead of being send directly from the aggregator). Only validated measured data can still be distributed directly from validator to other parties.

5.7. Europe

- There may be a possibility for ebIX[®] to contribute to the European M490 project on smart developments.
- ebIX[®] has been asked to contribute to Metering International magazine, which covers smart metering and smart grids globally (www.metering.com). But we are still in doubt whether we can answer to this request positively.

6. Business Requirements (UMM-2)

The main changes in updated BRS-documents regard:

- Split-off optional classes for optional information and for a-synchronous exchange
- Lay-out and references being brought in line with present CuS documents
- Proposed updates as a consequence of questions raised in the meantime by ebIX[®] members

- 6.1. For all BRS's: a generic process for "Validate Measurements" has been modelled. ebIX EMD agreed to have this generic process replace in all BRS's the specific validation processes that were part of the various overall processes till now. The generic validation process will be included in the Introduction to the ebIX models. **(action: Kees)**
- 6.2. Updates for the BRS Measure Collect have been discussed and agreed. This BRS will be sent to ebIX® Forum for approval.
- 6.3. Updates for the BRS Measure for Imbalance Settlement have been discussed and agreed. This BRS will be sent to ebIX® Forum for approval. **(action: Kees)**

The following discussion items are to be mentioned specifically:

- The Nordic Ediel Group (NEG) main requests regarding new elements in the EMD model in order to be used for the Nordic Balance Settlement system (NBS), are:
 - Add the Balance Supplier as a potential aggregation criterion to the Aggregated Data for Settlement Responsible. EMD agreed to do so with a remark that this is only for Nordic market.
 - Include into the ebIX® model the exchange of a report for delta values specifying the differences between aggregated data from both sides of the border for an exchange between neighbouring grid areas. EMD decided not to do this, since this regards an additional report and not an information exchange indispensable for the correct workings of the market.
 - In an activity diagram various receivers can have their own business successes parallel. We see in such a case no need to make individual business success dependent on combined reception by all.
 - A paragraph has to be added to the Introduction for ebIX® models regarding assumptions on acknowledgement (i.e. the non-functional acknowledgement that isn't an information flow in itself).
 - We have added code 113 to the ebIX® subset for QuantityQuantity, but not to the BRS (on Swedish request). In this way however Swedish customization of the model is supported.
 - Another Swedish request: include and attribute in the entities in the BRS and the relevant ABIE's in order to specify the Number of MP's used for the aggregation of measured data. It was agreed not to do this now. We leave open to possibility to do this later in case of a joint Nordic agreement on such a request (ebIX® will then either include this in the BRS or, when not in the BRS, try to include such an attribute in the relevant ABIE's as optional in order to enable customization for the Nordic market. **(action: Christian/Lars/Preben/Ragnar)**
- 6.4. BRS Measure Determine Meter Read / Upfront Meter Read

This BRS hasn't been discussed due to lack of time. Kees reported from ebIX® CuS (last week of June), that in this group there appeared to be no need for the Upfront Meter Read after all. ebIX® EMD members will check whether their (national) organization can agree to this. If so, then we drop this BRS. ebIX® EMD members are requested to comment to the document anyway by mail, in order to make progress possible when we conclude that this BRS is needed. **(action: all)**

The following BRS-documents have been discussed in our latest meeting in Zagreb, but because we haven't met since, the updated documents have been reviewed now as well:

- 6.5. Updates for the BRS Measure for Billing 2.0.A have been discussed and agreed. This BRS will be sent to ebIX® Forum for approval. **(action: Kees)**
 - We have removed the proposed data from the requests (both for energy and grid cost). Kees will check whether this used in The Netherlands for billing. If so, we will put it back as it was, if not we keep it without. **(action: Kees)**
- 6.6. Updates for the BRS Measure for Reconciliation 2.0.C have been discussed and agreed. This BRS will be sent to ebIX® Forum for approval. **(action: Kees)**
 - We have removed the proposed data from the request. Kees will check whether this used in The Netherlands for reconciliation. If so, we will put it back as it was, if not we keep it without. **(action: Kees)**

- 6.7. Updates for the BRS Measure for Labeling 1.0.A have been discussed and agreed. This BRS will be sent to ebIX[®] Forum for approval. (**action: Kees**)
- 6.8. The first draft for the BRS Settle for Reconciliation was discussed. Kees will try to complete this BRS on the basis of the discussion. (**action: Kees**)The resulting working draft version for this BRS will be distributed to the EMD members and if possible finalised after commenting by mail. (**action: All**) When the issues prove to be too serious, the working draft will be finalised after a discussion during next EMD meeting.

7. ebIX Models (UMM-2) published since last meeting:

These items have not be discussed/reviewed because of lack of time.

- 7.1. all BIM's for Measure documents version 2011.A
- 7.2. BRS for Measure Determine Meter Read 2.0.B
- 7.3. Introduction to ebIX Models (incl. generic processes)

8. Harmonized Role Model

This item has not be discussed/reviewed because of lack of time.

- 8.1. Harmonized Role Model version 2011.1 published on ebIX website June 2012

9. Work plan for next meetings

4 optional set of dates for the next EMD meeting have been agreed by those who were present:

- October 29th and 30th
- November 5th and 6th
- November 19th and 20th
- November 26th and 27th

The meeting location will be either Denmark or Norway.

In the meantime it has been decided in the days after the meeting to choose November 26th and 27th as the meeting dates. The location is still to be decided.

10. Any other business

None

Appendix A PARTICIPANTS IN eBIX[®] METERED DATA PROJECT

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Appendix B OPEN ACTIONS

	Action	Name	Planned end date	End date
34.3	Find representatives from gas sector for EMD	All	35?	
39.1	Submit national codes to ebIX [®] ETC	All	40	
39.2	Include generic processes in Introduction for ebIX models	Kees/ebIX [®] ETC	40	
39.3	Finalise the last agreed details for BRS's (as mentioned in the minutes) and submit these to ebIX [®] Forum for approval	Kees	40	
39.4	Report on Nordic agreement on need for number of MP's in TimeSeries ABIE and or BRS's.	Christian/Lars/Preben/Ragnar	40?	
39.5	Comment to BRS for Upfront Meter Read by mail and check national need for this BRS	All	40	
39.6	Check whether proposed data are used in requests in The Netherlands for reconciliation and billing process	Kees	40	
39.7	Finalise working draft for BRS for Settle for Reconciliation	Kees	40	
39.8	Comment by mail to BRS for Settle for Reconciliation	All	40	

Appendix C ACTIONS MOVED TO LIST "DONE"

	Action	Name	Planned end date	End date
37.2	Refer to preliminary load shares explicitly in the model for Measure for Imbalance Settlement.	Kees	38	39
37.6	Look for the relevant part of CIM, ask Jose Gonzalez	Vlatka	38	39

37.7	Look for the relevant part of CIM, ask Norbert Sutter	Sacha/Kees	38	39
38.1	Try to come to practical cooperation with Eurelectric	Vlatka	39	39
38.2	Update and publish BRS Measure Determine Meter Read	Kees	39	39
38.3	Update and publish BRS Measure for Billing	Kees	39	39
38.4	Update and publish BRS Measure for Reconciliation	Kees	39	39

Appendix D ACTIONS MOVED TO LIST REMOVED

Appendix E ACTIONS TRANSFERRED TO OTHER GROUP
