Date: Monday, October 4th, 2021
Time: 14:00 – 14:30
Place: GoToMeeting

Present: Gerrit, EDSN
Jan, Svenska kraftnät
Ove, Edisys

Appendix A: Status for BRS review
Appendix B: EBG project and survey list
Appendix C: Mapping from ebIX® class diagrams for Validated measured data for continuous metered AP to CIM

Attachments: ebIX BRS for Validated measured data - Draft for v1r0A 20210831.docx
Project plan - ebIX and CIM EG Area project v0r3 20210831.docx

1   Approval of agenda

The agenda was approved with the following additions:

- Procedures for how to align IEC MRs between EBG and ETC, see item 9.1 under AOB;
- Procedures for cooperation between EBG and ETC regarding updates of HEMRM, see item 9.2 under AOB.

Since Jan (SE) had to leave after ½ an hour, the only items handled during the meeting was the two new items under AOB above. The meeting was aborted afterwards due to lack of participants.

2   Approval of minutes from previous meeting

The item was postponed.

3   Final review of BRS for Validated measured data

The item was postponed.

4   Action item related to gas areas

The item was postponed.

5   Finalise addition of processes for Calorific Value in version 3.1 of the BRS Measure for Billing

The item was postponed.

6   If time, start review of BRS for Measure for Labeling

The item was postponed.

7   Review of CIM definitions for classes and attributes based on mapping from ebIX® class diagrams for Validated measured data for continuous metered AP to CIM

See Appendix C.

8   Meeting schedule

Corona GoToMeetings:
- Every Monday from 14:00 to 15:30, now scheduled until December 20th, 2021, except for holydays.

Normal scheduled face-to-face meetings:
- No face-to-face meeting planned. However, the next physical meeting is expected to be at:

> PSE S.A.
> Warszawska 165 street
> 05-520 Konstancin-Jeziorna
> Poland

9   AOB

9.1   Procedures for how to align IEC MRs between EBG and ETC

At the ETC meeting Wednesday 29th, ETC agreed to the latest proposal from EBG for procedures for how to align IEC MRs between EBG and ETC. However, when discussed in EBG, a few clarifications were proposed, i.e.:

- Every time a new BRS is published, EBG should see if there are report new attributes, classes, associations or similar and report these that to ETC, who analyses if these are candidates for updates of CIM – and if so, forward these to ETC for further forwarding as MRs to IEC.
- If ebIX® (ETC) gets options from IEC on how to update CIM, based on an ebIX® MR, the option(s) should be presented for to EBG for commenting.
- After relevant updates in CIM, EBG should be informed, to see if definitions etc. should be updated in the ebIX® BRSs.

Conclusion:
- ETC will be noted of the rephrasing of the procedures;
- The procedures will be added to the memo: "Memo - ebIX (EBG) update principles for BRSs" and published at the ebIX® File Manager.

9.2   Procedures for cooperation between EBG and ETC regarding updates of HEMRM

Also at the ETC meeting Wednesday 29th, procedures for cooperation between EBG and ETC regarding updates of HEMRM were agreed.:

1) A new role or domain is suggested or change of an existing role or domain is proposed at a HG-meeting (that we think would affect ebIX®-exchanges):
   a. Is next meeting an EBG meeting or an ETC meeting?
      i. If EBG: An HG-member from ebIX® ~~The secretary of ETC~~ shall send the relevant parts of the minutes from the HG meeting to the convener of EBG
      ii. If ETC: The change will be discussed at the ETC meeting and secretary of ETC will send relevant parts of the minutes (HG and ETC meeting) to the convener of EBG.
   b. When input later comes from EBG to ETC
      i. The input will be discussed at the ETC meeting and the secretary of ETC will distribute the result of the discussion (plus the input from EBG) to all ebIX® members of HG + the convener of EBG.
         1. If comments and/or questions, a special ebIX® meeting among ebIX® members of HG and invited EBG members can be held before next HG meeting to handle the comments and questions.

2) A new role or domain or amendments on an existing role or domain is suggested from EBG:
   a. The suggestion will be discussed at next ETC meeting and the secretary of ETC will send relevant parts of the ETC minutes to the convener of EBG plus ebIX® members of HG.
      i. If comments and/or questions, a special ebIX® meeting among ebIX® members of HG and invited EBG members can be held before next HG meeting to handle the comments and questions.
   b. A new role or domain, or amendments on an existing role or domain, introduced in a BRS shall be discussed within ETC (and if ETC find it needed, discussed in the HG) before the BRS is published.
   ~~c. A new role or domain or amendments on an existing role or domain shall not be used in a published BRS without having been discussed within ETC and if ETC find it needed, discussed in the HG.~~

3) A new role or domain is suggested within ETC:
   a. The secretary of ETC will send the relevant parts of the ETC minutes to the convener of EBG plus ebIX® members of HG.
      i. See further 1b) above.

Conclusion:

- ETC will be noted of the rephrasing of section 2b;

- The procedures will be added to the memo: "Memo - ebIX (EBG) update principles for BRSs" and published at the ebIX® File Manager.

Appendix A   Status for BRS review

		Structure BRSs	
#	**BRS**	**Status**	**Comment**
1.	Administer Customer Consent	Published at www.ebix.org	Finished
2.	Alignment of Accounting Point characteristics	Published at www.ebix.org	Finished **To remember:** Review of MR NMEG 2021/2 – Addition of a **Supply Start Date** to the AP Administrative Characteristics class, **To remember:** Review of MR NMEG 2021/3 – Addition of a **Reporting resolution** and **Reporting Interval** to the AP Administrative Characteristics class. **To remember (20210913):** Sub Accounting Points have been introduced in the BRS for Prepare and aggregate Resources, hence EBG should introduce references to parent and child APs, or another way of handling Sub Accounting Points, in the BRS for Alignment of AP characteristics BRS (parent and child APs are for instance used in Denmark)? Sub Accounting Points.
3.	Alignment of Area Characteristics	Published at www.ebix.org	
4.	Alignment of characteristics for a Customer linked to an AP	Published at www.ebix.org	Finished
5.	Alignment of Metering Configuration Characteristics	Published at www.ebix.org	Finished
6.	Bulk change of BRP	Published at www.ebix.org	Finished
7.	Bulk change of Shipper	Published at www.ebix.org	Finished
8.	Change of BRP	Published at www.ebix.org	Finished
9.	Change of Metered Data Responsible	Published at www.ebix.org	Finished
10.	Change of Shipper	Published at www.ebix.org	Finished
11.	Change of supplier	Published at www.ebix.org	Finished
12.	Combined grid and supply billing	Published at www.ebix.org	Finished

Structure BRSs			
#	BRS	Status	Comment
13.	Consented (earlier Upfront) request for Metering Point Characteristics	Published at www.ebix.org	Finished
14.	Customer move	Published at www.ebix.org	Finished. **To remember (20210913):** A Flexibility Register Administrator has been introduced in the BRS for Quantify and settle flexibility services, hence the EBG should introduce the Flexibility Register Administrator to the BRS for Customer Move.
15.	End of Metered Data Responsible	Published at www.ebix.org	Finished
16.	End of supply	Published at www.ebix.org	Finished
17.	Manage Accounting Points	Published at www.ebix.org	Finished
18.	Rearrange MPs between grids	Published at www.ebix.org	Finished

Measure BRSs			
#	BRS	Status	Comment
1.	BRS for Measure Calorific Value	To be reviewed	**20210705:** • Proposed added as a sub UseCase in BRS for Billing.
2.	BRS for Measure for Billing	**20210907:** • Version 3.0.A is published	**20210920:** • To remember: Investigate if services, such as flex-services should be added to the BRS. If so, we need to add a Resource ID to the class diagram(s) and extend the Basic assumption chapter.
3.	BRS Validated measured data	**20210315:** • Final review by EBG (14 days) before sent to ebIX® Forum for approval.	

Measure BRSs			
#	BRS	Status	Comment
4.	BRS for Measure for Collected Data	**20200402:** • Published at www.ebix.org.	Finished. The BRS may be used as a template for how the Measure BRS may look like. **20200608:** • "Collected Data" should be renamed to "Collected *Measured* Data"
5.	BRS for Measure for Determine Meter Read	To be reviewed	**20210125:** • Investigate the need for addition of MDR and MGA in the "root class", ref Dutch requirements.
6.	BRS for Measure for Imbalance Settlement	To be reviewed	**20200615:** • Include handling of MR "NMEG 2020-01". **20210125:** • Investigate the need for addition of MDR and MGA in the "root class", ref Dutch requirements.
7.	BRS for Measure for Labeling	• Review started at GoToMeeting February 17th;	**20210125:** • Investigate the need for addition of MDR and MGA in the "root class", ref Dutch requirements.
8.	BRS for Measure for Reconciliation	To be reviewed	**20210125:** • Investigate the need for addition of MDR and MGA in the "root class", ref Dutch requirements.
9.	BRS for Settle for Reconciliation	To be reviewed	**20210125:** • Investigate the need for addition of MDR and MGA in the "root class", ref Dutch requirements.

Appendix B   EBG project and survey list

B.1   Potential projects

#	Project description	Priority	Start
A)	Review what attributes to send in a confirmation (e.g. all from the request, only approve/disapprove or some core attributes, such as AP)	First possible face-to-face meeting	First possible face-to-face meeting
B)	Review and propose update to the HRM, based on new procedures from ETC and EBG, ref minutes from ebIX® Forum meeting March 24th, 2020.	After review of BRSs	TBD
C)	Efficient data alignment, including the possibility to request historical and/or future master data.	EBG must do a survey for the need of such a project	Not prioritised
D)	Discuss differentiation of data sets per Entitled Role when aligning master data (e.g. when referencing notification of AP master data in a BRS)	EBG task – will be linked to "C), Efficient data alignment" task and GDPR	To be started Q1 2021
E)	Making a BRS for alignment of Exchange Point characteristics	TBD	TBD
F)	1) Making MRs to the HG for definition for and relations between Gateway, Gateway Operator and Gateway Administrator 2) Making a BRS for Gateway related stuff.	Awaiting decision in Germany or elsewhere	TBD
G)	Making an introduction to the ebIX® BRSs, including an overview of the BRSs and a short description.	In finalising RtR	TBD
H)	Review of MR NMEG 2021/2 (to ebIX®) – Addition of a **Supply Start Date** to the AP Administrative Characteristics class in Alignment of AP characteristics BRS	TBD	TBD
I)	Review of MR NMEG 2021/3 – Addition of a Reporting resolution and Reporting Interval to the AP Administrative Characteristics class. in Alignment of AP characteristics BRS	TBD	TBD
J)	It is assumed that the EC will decide to use IEC basic CIM as the reference Information Model, hence we should bring our definitions in line with IEC CIM. This can be done by changing our definitions, or by submitting maintenance requests to IEC TC57/wg16 (eventually to be forwarded by wg16 to wg14).	TBD	A first mapping from an ebIX® class diagram to CIM will be done during summer 2021.
K)	Update of Gas Role Model with addition of Aggregated Reception Station, Calorific Value Area and Temperature Area for gas.	TBD	When the Gas Role Model starts adding domains.

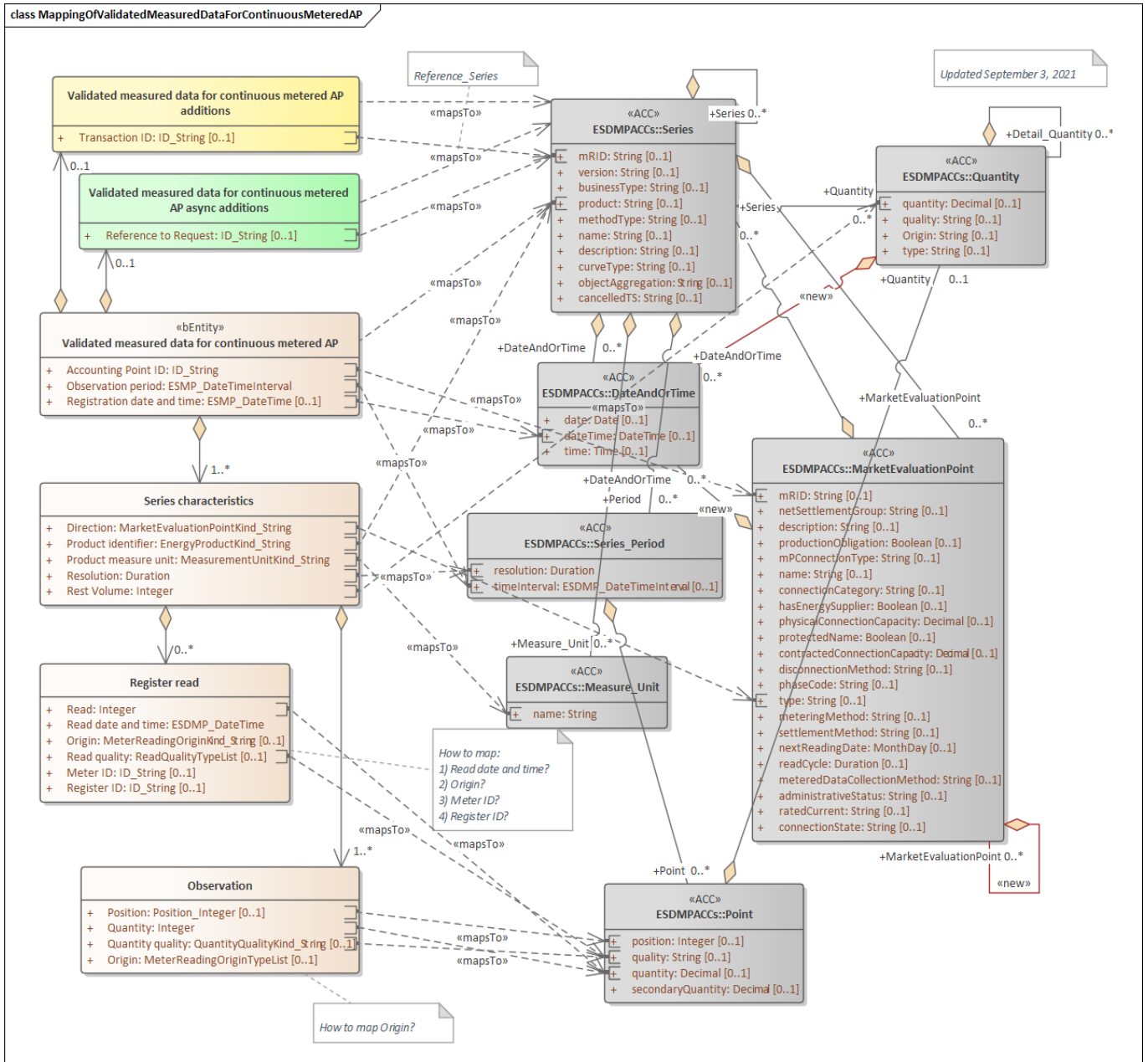| #	Project description	Priority	Start
L)	Update definition of Accounting Point in the HRM.	TBD	When the flex project has concluded.
M)	Making an ebIX® BRS for Exchange Point Characteristics	To be started after finalising review of measure BRSs.	Q1/2022 (?)
N)	Investigate if services, such as flex-services should be added to BRS for Measure for billing. If so, we need to add a Resource ID to the class diagram(s) and extend the Basic assumption chapter.	This is a to-remember item	When the flex project is finalised

B.2   Approved (and running) projects

#	Project	EBG members	Status	Start	End
A)	RtR, Role-to-Role (hub)	All EBG	Start October 2018	Q4 2018	Q4 2021

B.3   Surveys

#	Survey	Status
A)		●

Appendix C Mapping from ebIX® class diagrams for Validated measured data for continuous metered AP to CIM

The mapping will be reviewed by ETC, while EBG will look into the definitions of classes and attributes to see if we need to update the ebIX® definitions or if we should send maintenance requests to IEC for update of the CIM definitions.

class MappingOfValidatedMeasuredDataForContinuousMeteredAP

Source \ Target	DateAndOrTime	MarketEvaluationPoint	Measure_Unit	Point	Quantity	Series	Series_Period
1 Observation				Position → position; Quantity → quantity; Quant... → quality			
2 Register read				Read → quantity; Read... → quality			
3 Series characteristics		Direct... → type	Produ... → name		Rest V... → quantity	Produ... → product	Resol... → resolu...
4 Validated measured dat...	Regist... → dateTi...	Accou... → mRID				(Maps To →)	Obser... → timel...
5 Validated measured dat...						Trans... → mRID; (Maps To →)	
6 Validated measured dat...						(Maps To →); Refer... → mRID	