Date: Monday, September 13th, 2021
Time: 14:00 – 15:30
Place: GoToMeeting

Present: Gerrit, EDSN'
            Jan, Svenska kraftnät
            Kees, TenneT
            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:

- Additions to published BRSs due to new requirements from ebIX® distributed flexibility project phase II, see item 10.1 under AOB.

2   Approval of minutes from previous meeting

The minutes from previous meeting were approved.

3   Final review of BRS for Validated measured data

Kees informed that he has started on the comparison between the new Dutch model and the ebIX® model. So far, he has found the following attributes that is missing in the ebIX® model:

- A max value (peak value / power);
- A week max (also peak and power);
- A reactive peak (also power).

Kees will continue the investigation.

Continued actions:

- All will investigate if it is acceptable to keep the current structure for the "Validated measured data for continuous metered AP".
- Kees will as homework make a comparison between the ebIX® and the Dutch proposal for how to send peak values in the "Validated measured data for Exchange Point".

- Kees will investigate why the Resolution-attribute is in the root class in "Validated data for Resource" and in the Series characteristics class other Dutch documents.

4   Review of the project plan for ebIX® Area project

To do:

- We will start by updating the project plan based on comments from Kees, Jan (SE) and Gerrit.
- Thereafter we will ask Vlatka to send a mail, we will prepare, to Jon-Egil and Olivier with the updated project plan.

The review of the project plan was started, among others with the following updates:

- Additions to the "Project scope":
  - As the MGA is assumed to be the basis for all other market areas, at least the joint definition of master data for the MGA shall be defined in the project.
  - Common principles when defining master data for an area. Each individual organisation may specify master data for other types of areas.

- Addition of a new paragraph "Basic assumptions":
  - We assume that all other "market areas" than the MGAs are composed of MGAs.
  - We assume that there is a common ENTSO-E and ebIX® responsibility to define the requirements for MGAs. Other areas, already defined in the HEMRM, which are made up of a set of MGAs, are assumed to be ENTSO-E responsibility.
  - We assume the "higher level area" is registered as an attribute in the "lower-level area". E.g. the MGA a Metering Point belongs to is registered as part of the master data for the Metering Point.
  - Exchange between areas will always coincide with an Exchange Point (or an aggregation of Exchange Points) between two (or more) MGAs.

New and continued actions:

- All to investigate if we also shall invite the gas sector (e.g. ENTSOG) to the project;
- Ove will distribute the project plan as updated during the meeting;
- When the update is done, we will draft a mail that Vlatka will be asked to send to Jon-Egil and Olivier in ENTSO-E, with the updated project plan.

5   Action item related to gas areas

The item was postponed.

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

The item was postponed.

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

The item was postponed.

8   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.

The item was postponed.

9   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

10   AOB

10.1   Additions to published BRSs due to new requirements from ebIX® distributed flexibility project phase II

1. In the ebIX® distributed flexibility project phase II, Sub Accounting Points have been introduced in the BRS for Prepare and aggregate Resources, hence the project advice EBG to 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 and the Netherlands)?

2. In the ebIX® distributed flexibility project phase II, a Flexibility Register Administrator has been introduced in the BRS for Quantify and settle flexibility services, hence the project advice EBG to introduce the Flexibility Register Administrator to the BRS for Customer Move to receive a notification of the move out.

Conclusion:

- The addition of Sub Accounting Points to the BRS for Alignment of AP characteristics and addition of the Flexibility Register Administrator to the BRS for Customer Move will be added as a "to remember item" in Appendix A.

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	**20210629:** • Sent to EBG and ebIX® Forum for final review and approval	**20210629:** • Comments are asked within August 20th, 2021. **20210823:** • Comments from Elering must be handled before publication.
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.
L)	Update definition of Accounting Point in the HRM.	TBD	When the flex project has concluded.

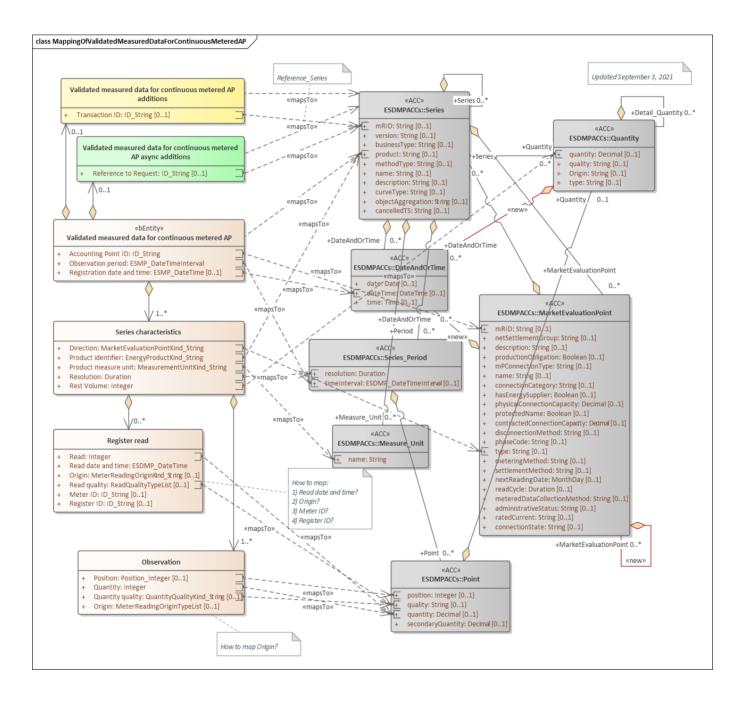| #	Project description	Priority	Start
M)	Making an ebIX® BRS for Exchange Point Characteristics	To be started after finalising review of measure BRSs.	Q1/2022 (?)

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)		●

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.

Target / Source	1 DateAndOrTime	2 MarketEvaluationPoint	3 Measure_Unit	4 Point	5 Quantity	6 Series	7 Series_Period
1 Observation				Position → Maps To → position; Quantity → Maps To → quantity; Quant... → Maps To → quality			
2 Register read				Read → Maps To → quantity; Read ... → Maps To → quality			
3 Series characteristics		Direct... → Maps To → type	Produ... → Maps To → name		Rest V... → Maps To → quantity	Produ... → Maps To → product	Resol... → Maps To → resolu...
4 Validated measured dat...	Regist... → Maps To → dateTi...	Accou... → Maps To → mRID				Maps To →	Obser... → Maps To → timeI...
5 Validated measured dat...						Trans... → Maps To → mRID; Maps To →	
6 Validated measured dat...						Maps To →; Refer... → Maps To → mRID	