# Error! Reference source not found. ETC meeting, Error! Reference source not found.

**Date:** Wednesday **Error! Reference source not found.** 

Time: 11:00 – 12:00

Place: GoToMeeting

Present: Jan (Convenor), SE

Jan, NL Kees, NL

Ove (Secretary), NO

Appendixes: Appendix A, Agreed additions to the ebIX® Business Information Model 2018.A

Appendix B, Proposals for update of the ebIX® Business Information Model

Appendix C, Update of ebIX® profile after meeting May 15th

Attachment: None

### 1 Update of the ebIX® model

The meeting was dedicated to update of the ebIX® model.

Kees had as homework updated the ebIX® profile. Pictures containing the updates are shown in Appendix C. A review of fuel- and technology type codes, to select relevant codes for ebIX® will be put on the agenda for next ETC face-to-face meeting.

Kees had also made suggestions for handling the renaming of MP-terms into AP-terms, see Appendix D – to be reviewed at next ETC face-to-face meeting.

A status was added to the items that was updated according to Appendix A and Appendix B.

### **Actions:**

• The result of Kees' homework will be reviewed at the coming ETC face-to-face meeting.

## 2 Next meetings

- Tuesday and Wednesday June 25<sup>th</sup> and 26<sup>th</sup>, 2019, Svenska kraftnät' offices in Sundbyberg (Stockholm);
- Tuesday and Wednesday September 25<sup>th</sup> and 26<sup>th</sup>, 2019, TenneT' offices in Brussels;
- Monday and Tuesday October 28<sup>th</sup> and 29<sup>th</sup>, 2019, Svenska kraftnät' offices in Sundbyberg (Stockholm);
- Wednesday and Thursday November 27<sup>th</sup> and 28<sup>th</sup>, 2019, Edisys' offices in Oslo.

### 3 AOB

No items.

# Appendix A Agreed additions to the ebIX® Business Information Model 2018.A

## A.1 BIE changes, e.g. cardinalities

1) Add an attribute "Disconnection Contract" (Boolean) in MP Administrative Characteristics

#### Status 20190411:

- Added during ETC meeting April 11<sup>th</sup>, 2019
- o Item closed
- 2) Change the Country Name (text) in the MP Address class to Country (coded)

### Status 20190411:

- Updated during ETC meeting April 11<sup>th</sup>, 2019
- o Item closed
- 3) Add a new ABIE; Communication:

```
«ABIE»
Communication

«BBIE»+URI : IdentifierType [0..1]
«BBIE»+Channel : CodeType [0..1]
«BBIE»+CompleteNumber : TextType [0..1]
```

#### Status 20190424:

- Added during ETC GoToMeeting April 24<sup>th</sup>, 2019
- o Item closed
- 4) Rename the BBIE Unit Type in the ABIE Product Characteristics to Quantity Unit Type and add a BBIE Price Unit Type to the ABIE Product Characteristics

#### Status 20190424:

- o Added during ETC GoToMeeting April 24th, 2019
- o Item closed
- 5) Verify that addition of an ASCC between the ACC Event and the ACC Address is on the list of ebIX® changes to UN/CCL

## Status 20190424:

- Postponed
- 6) Add an ABIE Language Code to the ACC Address to the list of ebIX® changes to UN/CCL

#### Status 20190424:

- Added as LanguageType in the ABIE MeteringPoint Address
- o Item closed
- 7) Send a MR to UN/CEFACT for addition of "Municipality Code" and "Street Code" to the ACC Address in the UN/CCL

#### Status 20190503:

- o "Municipality Code" is renamed to Municipality\_TownshipName and "Street Code" is deleted.
- o Item closed.
- 8) Add a BBIE Type to the ABIE Metering Point Address

#### Status 20190424:

- o The Address Type and related Enumeration was added during ETC GoToMeeting April 24<sup>th</sup>, 2019.
- Item closed

# A.2 New enumerations and/or DT

1) Add an enumeration for ISO Language codes, based on ISO 639-1988

#### Status 20190515:

- a. There already is an enumeration based on ISO Language codes ISO 639-2 three letter language code. *Homework*:
  - Kees will add Ukraine, Estonia, Latvia and Lithuania
- b. Done item closed
- 2) Add an enumeration for Energy Label Fuel type, based on CENELEC standard, imported from Atrias implementation

### Status 20190515:

#### Homework:

- Kees will update with codes from Belgium
- a. Done item closed
- 3) Add an enumeration for Energy Label Technology type, based on CENELEC standard, imported from Atrias implementation

### Status 20190515:

#### Homework:

- Kees will update with codes from Belgium
- a. Done item closed
- 4) Add enumeration "Communication channel", ebIX® subset with the following literals, based on 3155:
  - AL Cellular phone
  - AO Uniform Recourse Location (URI)
  - EM Electronic mail
  - FX Telefax
  - TE Telephone

#### Status:

- Added during ETC GoToMeeting April 24<sup>th</sup>, 2019.
- o Item closed.
- 5) Add an enumeration "Address Type", ebIX® subset, based on 3131 Address type, code with the following literals:
  - 1 Postal address: The address is representing a postal address
  - 3 Physical address; The address represents an actual physical location

#### Status:

- o Added during ETC GoToMeeting April 24th, 2019
- o Item closed.
- 6) Remove all predefined facets, such as maxLength.

### Status 20190515:

- Already removed.
- o Item closed.
- All code lists should be checked for codes without a code name. These should be given a name or deleted.
- o Status 20190515:
- Kees has marked all codes without a code name as "Deprecated"
- o item closed
- 7) The following topics will be put on the agenda for the next face-to-face meeting:
  - o How to deal with deprecated codes in the Word code list?

- o How to deal with "used by"?
- How to deal with national customisation of codes do we need a rule stating that national codes should avoid an "E" as a prefix?

# A.3 New/changed associations

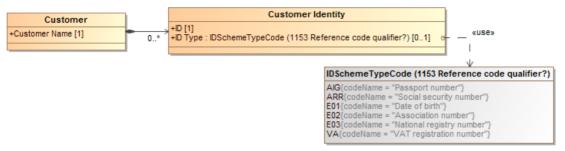
- 1) The ASBIE "Metering Point Domain Location" must be renamed to "Accounting Point Domain Location". *Status 20190515:* 
  - Proposal: copy the ASBIE "Metering Point Domain Location", rename the current one to "Accounting Point..." and use the copied one as "Metering Point ..."
  - o The topic will be put on the agenda for the next face-to-face meeting

# Appendix B Proposals for update of the ebIX® Business Information Model

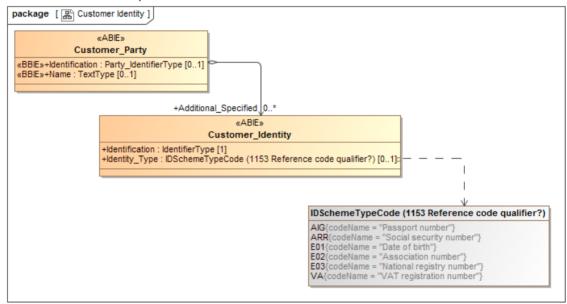
# B.1 BRS for Alignment of characteristics for a Customer linked to a Metering Point

a) Add the attribute "ID Scheme Type Code" to the ebIX® model.

As shown in the BRS:



o As shown in the ebIX® profile:



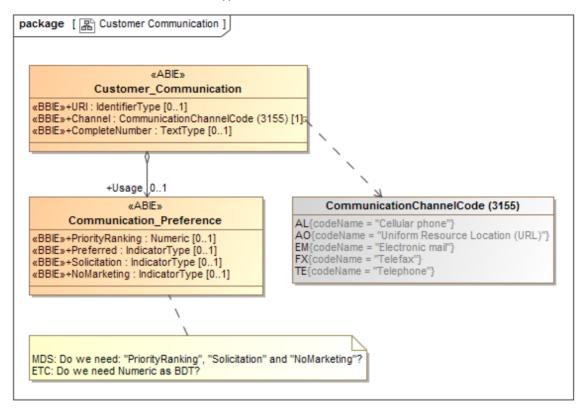
### **Action for ETC:**

o Approved by MDS – ETC will create the «ABIE» Customer Identity and related code list.

# Status 20190515:

o The topic will be put on the agenda for the next face-to-face meeting

b) Add the «ABIE» «Communication Channel Type" and the related Communication Channel Code:

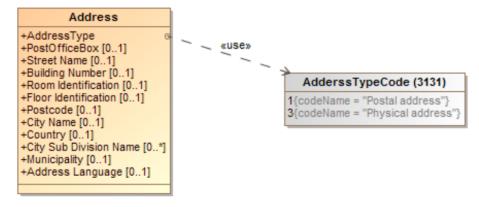


# **Action for ETC:**

- o Approved by MDS ETC will add the «ABIEs» Customer Communication and Communication Preference, and the related Communication Channel Code.
  - Note that MDS will only use attribute "Preferred" from the class Communication Preference.

# Status 20190424:

- ABIE Communication (instead of Customer\_Communication), Communication\_Preference and Enumeration Communication Channel Code was added during ETC GoToMeeting April 24<sup>th</sup>, 2019.
- o Item closed.
- c) Add an Address Type, based on UN/CEFACT 3131 Communication Channel Code:



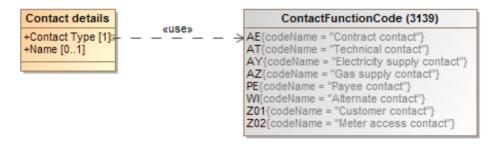
# **Action for ETC:**

- o Add Address Type to the «ABIE» Metering Point Address.
- o Add the enumeration Address Type Code.

### Status 20190424:

- o The Address Type and related Enumeration was added during ETC GoToMeeting April 24<sup>th</sup>, 2019.
- o Item closed.

# d) Add a new enumeration "Contact function code" based on "3139 Contact function code":



MDS	3139 Contact function				
requirements	code	name	definition	MDS comments	ETC comments
Main contact	AY	Electricity supply contact	Department/person to contact for matters regarding electricity supply		
	AZ	Gas supply contact	Department/person to contact for matters regarding gas supply		
	BF	Service contact	Department/person to be contacted in service matters.		possible alternatives
	<del>IC</del>	Information contact	Department/person to contact for questions regarding transactions.		for "Main contact"
	CU	Customer contact	The main department/person to contact at the customer		New UN/CEFACT code
Neighbour, House keeper (caretaker)	WI	Alternate contact	Alternate department or person to contact	MDS wants one combined code	
	AV	Maintenance contact	Department/person to contact for matters regarding maintenance		
Invoice contact	PE	Payee contact	Department/employee to be contacted at the payee		
Technical	AT	Technical contact	Department/person to contact for matters regarding technical issues.		
Meter reading	AQ	Quantity surveyor contact	Department/person to contact for matters regarding quantity surveying	MDS wants a new UN/ CEFACT code (see below)	
	MA	Meter access contact	Department/person to contact for matters regarding meter reading, including access to the Meter		New UN/CEFACT code
Contract contact	AE	Contract contact	Department/person to contact for matters regarding contracts	NEW	

# **Action for ETC:**

o ETC will create the enumerations

### **Action for MDS:**

o The BRS will be republished when new codes have been approved by UN/CEFACT

### Status 20190515:

- o The Contact function code is already created.
- Creation of ABIE Contact Details will be put on the agenda for the next face-to-face meeting

# B.2 General question for later elaboration

Can we remove the Document Name Code from the ebIX® models?

#### Status:

• The question will be kept for later elaboration

## B.3 BRS for Request Change grid responsibility

- a) ETC is asked to find Document Name codes for:
  - o Request change grid responsibility;
  - o Response change grid responsibility;
  - o Notify change grid responsibility;
- b) And Business Reason codes for Change grid responsibility.

#### Status:

o Awaiting finalisation of the BRS from MDS

### **B.4** Requests from EMD

a) How to represent the exchange of calorific value in ABIEs

#### Status 20190612:

o The topic will be put on the agenda for the next face-to-face meeting

# **B.5** General model updates

b) Replace the ACCs, BCCs etc. in the current CEFACT Profile with the "CEFACT Profile\_Recast.mdzip" from Belgium and add generalisation from the "ebIX® assembled code list" to the related Belgian code list, received from Thibaut.

#### Status 20190612:

- The topic will be put on the agenda for the next face-to-face meeting
- c) Make the usage of "Time of Use" and "Meter Time Frame" consistent
  - o Check what is agreed with IEC in the TR
  - o Check what is the significance of "Time of Use"/"Meter Time Frame" in the proposal from Atrias
  - o Make the ebIX® model (Business requirements view and BIES) in line with the Atrias proposal

#### Status 20190612:

- o The topic will be put on the agenda for the next face-to-face meeting
- d) At previous meeting, the ABIE MeteringPoint\_Characteristic was split into AdministrativeMeteringPoint\_Characteristic and PhysicalMeteringPoint\_Characteristic. Due to this change, both the MDS and the EMD part of the ebIX® model must be corrected. Ove had corrected the MDS part, but noted that also the EMD document "Mapping Validated Data for Labeling for Certificate Issuer" needs to be corrected. *Status 20190612:* 
  - o The topic will be put on the agenda for the next face-to-face meeting

# Homework 20190612:

- o Kees will review the "BRS for Validated Data for Labeling for Certificate Issuer" and prepare a discussion at the coming ETC face-to-face meeting.
- e) Clean up of not used national enumerations

```
«ABIF»
                             AdministrativeMeteringPoint_Characteristic
«BBIE» + MeteringPoint_Type: ebix:org::BDT::MeteringPointType_CodeType
«BBIE»+MeteringMethod_Type: ebix:org::BDT::MeteringMethod_CodeType
«BBIE»+SettlementMethod_Type: ebix:org::BDT::SettlementMethod_CodeType
«BBIE»+GridConnectionContract_Type: ebix:org::BDT::GridAgreementTypeDescription_CodeType [0..1]
«BBIE»+Tax_Type: ebix:org::BDT::CodeType [0..1]
«BBIE»+AdministrativeStatus_Type: ebix:org::BDT::Administrative_Status_CodeType [0..1]
«BBIE»+ContractedConnectionCapacity_Value : ebix:org::BDT::MeasureType [0..1]
«BBIE»+ScheduledMeterReading_Date : ebix:org::BDT::DateTimeType [0..1]
«BBIE»+MeterReadingFrequency_Duration: ebix:org::BDT::DurationType [0..1]
«BBIE»+StandardLoadProfile_Type: ebix:org::BDT::StandardLoadProfile_CodeType [0..1]
«BBIE»+MeteredDataCollectionMethodCode_Type: ebix:org::BDT::MeteredDataCollectionMethod_CodeType [0..1]
+MeteringGridArea_Used: ebix:org::ABIE::Domain_Location [0..1]
+BalanceGroup_Used: ebix:org::ABIE::Domain_Location [0..1]
+ContractedConnectionCapacity_Included : ebix:org::ABIE::Product_Characteristic [0..1]
+AggregatedReceptionStation_Used : ebix:org::ABIE::Domain_Location [0..1]
+CalorificValueArea_Used: ebix:org::ABIE::Domain_Location [0..1]
+Labelling_Included : ebix:org::ABIE::Generation_Characteristic [0..*]
R:BE»+PhysicalStatus_Type
    E»+VoltageLevel_Type
RBBIE»+PressureLevel_Type
```

## Status 20190612:

- o The topic will be put on the agenda for the next face-to-face meeting
- f) In the file generic\ebIX ValidatedDataForBillingEnergy 2016pA.xsd I read

```
xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" xmlns:rsm="un:unece:260:data:EEM" ... and later <xsd:element name="ValidatedDataForBillingEnergy" type="crs:ValidatedDataForBillingEnergyType"/>...
```

The namespaces doesn't match. Should be "rsm" or "crs" in both places, not different.

#### Status 20190612:

o The topic will be put on the agenda for the next face-to-face meeting

<xsd:element ref="crs:Header" minOccurs="0" maxOccurs="1"/>

# **B.6** Code request from EBG

- 1) For all Reason codes, change (added at ETC meeting 20190212):
  - Balance Supplier to Energy Supplier;
  - Metering Point to Accounting Point.

#### Status 20190612:

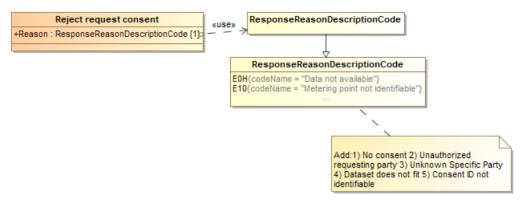
- The topic will be put on the agenda for the next face-to-face meeting
- 2) In Reason code E18 change balance responsible to Balance Responsible Party (added at ETC meeting 20190212);

#### Status 20190612:

- o Updated
- Item closed
- 3) Add a new Reason code "Accounting Point not identifiable" to replace E10 in most (all) BRSs (added at ETC meeting 20190212)

## Status 20190612:

- a. Request rejected, since an Accounting Point is a type of Metering Point
- b. Item closed
- 4) Add a Reason codes, ref BRS for Customer consent:



- a. No consent
- b. Unauthorised requesting party
- c. Unknown Specific Party
- d. Dataset does not fit
- e. Consent ID not identifiable

#### Status 20190612:

- A, b and c updated
- To be continued

### From EBG January 2019:

- 5) ETC will be asked to rename the following Response Reason Description Codes:
  - o E10: "Metering Point ..." to "Accounting Point ...."
  - o E16: "Unauthorised Balance Supplier" to "Unauthorised Energy Supplier"
  - E18: "Unauthorised Balance Responsible" to "Unauthorised Balance Responsible Party"
- 6) ETC will be asked to rename the Business Role Code Transport Capacity Responsible Party to Shipper:

```
BusinessRoleCode

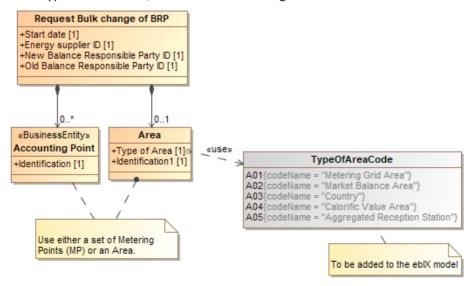
DDQ{codeName = "Balance power supplier"}
TCR{codeName = "Transport capacity responsible party"}
...
```

7) For ETC: Can we rename Balance power supplier to Energy Supplier?

```
BusinessRoleCode

DDQ{codeName = "Balance power supplier"}
...
```

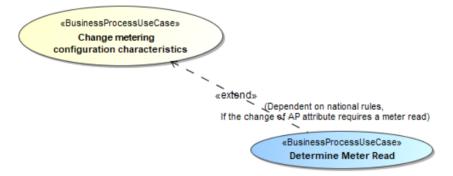
8) Add a Type of Area code, ref BRS for Bulk change of BRP:



- 9) New Document Name Codes
  - a. Request consent
  - b. Response request consent
  - c. Notify consent
  - d. Termination of consent
  - e. Notify withdrawal of consent
  - f. Request termination of consent
  - g. Response request termination of consent
  - h. Request withdrawal of consent
  - i. Response request withdrawal of consent
  - j. Notify termination of consent
  - k. Request valid consent
  - I. Response request valid consent
- 10) New Business Reason Codes
  - a. Consent administration
  - b. Change of Shipper
- 11) New Document Name Codes
  - a. Specific Party

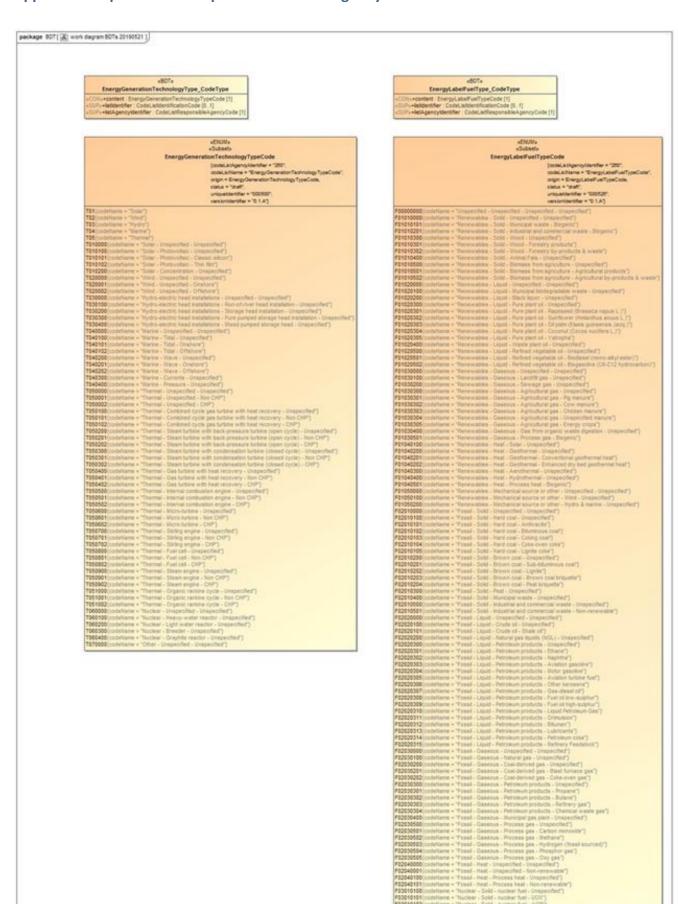
## B.7 «extend» request from EBG

- 1) Add an extension from UC "Change metering configuration characteristics" to "Determine Meter Read";
- 2) Add an extension from UC "Bulk change of BRP" to "Determine Meter Read";
- 3) Remove one out of two extensions from UC "Bulk change of Shipper" to "Determine Meter Read".



### **B.8** New codes from Sweden

1. In 6.1.1.2 in the (soon) published code list I find the list of Swedish "Document Name Code". A new code will be used now in April 2019: **\$08** Accepted bids. (We are using this code in UTILTS messages sent in Operation phase. Earlier we have just used UTILTS in the metering and settlement phases.)



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# Appendix D Suggestions for handling renaming MP-terms into AP-terms

