IEC TC57 WG16
MAINTENANCE REQUEST

Maintenance notice:

This template needs to be completed and sent to: WG16Part301@iectc57.org

Rules:

All participants in the IEC TC 57 WG16 may issue a Maintenance Request concerning IEC TC 57 WG16 documents, UML models or code components. This document defines the form that is to be used to submit such a request.

General guidelines for the Maintenance Request submission:

- The form is to be completed with all the necessary information.

- All associated documents required for the understanding of the Maintenance Request are to be provided.

- It is highly recommended to provide a presentation describing the use cases and why a change to an existing standard is necessary. Each use case must relate to an ongoing or upcoming project (American, European or National project). Valuable contextual information must be provided such as European regulations or directives, project specifications, and so on.

- If needed the requester can be invited to present their Maintenance Request to IEC TC57 WG16. Failing that an IEC TC57 WG16 member should champion the Maintenance Request so that any questions raised may be immediately resolved.

The IEC TC57 WG16 Convener will inform the submitter when the Maintenance Request is to be reviewed by the WG 16.

The Maintenance Request shall be provided to IEC TC57 WG16 Members and Corresponding Members at least one week prior to its presentation for approval.

The Maintenance Request will be debated within IEC TC57 WG 16 and its Members shall state:

- If the Maintenance Request is to be rejected and the reason of rejection.

- If the Maintenance Request is accepted.

- If the Maintenance Request is accepted with changes.

All decisions shall be obtained through consensus[1].

In all cases, the requester shall be informed of the IEC TC57 WG 16 decision.

Accepted Maintenance Requests, before being implemented in the existing standards, shall be updated in a common excel sheet.

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[1] ISO definition of Consensus: "general agreement, characterized by the absence of sustained opposition to substantial issues by any important part of the concerned interests and by a process that involves seeking to take into account the views of all parties concerned and to reconcile any conflicting arguments".

1   General Information

Date of submission:	October 20th, 2023
Submitter Name:	Jan Owe
Organisation:	Svenska kraftnät
E-mail:	jan.owe@svk.se
Maintenance Request ID	ebIX® 2022/14
Maintenance Request Version	2 (updated October 27th, 2023): • Added missing class diagrams in paragraph 4.1.2 and 4.1.3
Maintenance Request title	Add an association from MktActivityRecord to ChargeGroup in 62325-301 and in 62325-351 (ESMP).

2   Description of the issue (Business requirements, use cases…)

2.1   Background and UseCases

Having access to grid billing master data for Accounting Points and/or a Metering Grid Areas (MGA) are crucial for the Energy Suppliers when grid fees are billed together with the energy cost by the Energy Supplier. The root element for the grid billing master data is the ChargeGroup with its ChargeType(s).

It is an alternative to associate the MktActivityRecord directly to the ChargeType, but normally ChargeTypes are grouped into ChargeGroups. Hence, we think, for master data exchanges for Accounting Points and MGAs, the best solution is associating the MktActivityRecord to the ChargeGroup (as opposed to time series, which normally only is associated to one single ChargeType).

The addition of ChargeGroup class is requested add to ESMP in ebIX® MR 2022/024 and the ChargeType class is requested add to ESMP in ebIX® MR 2022/020.

The ChargeGroup and the related association from ChargeGroup to ChargeType is among others used in the ebIX® BRS for Combined grid and supply billing, see https://www.ebix.org/artikel/documents.

3   Possible impacts on profiles (ESMP or profiles based on ESMP)

This MR suggest addition of an association from the «ACC» MktActivityRecord to the «ACC» ChargeGroup 62325-351 (ESMP).
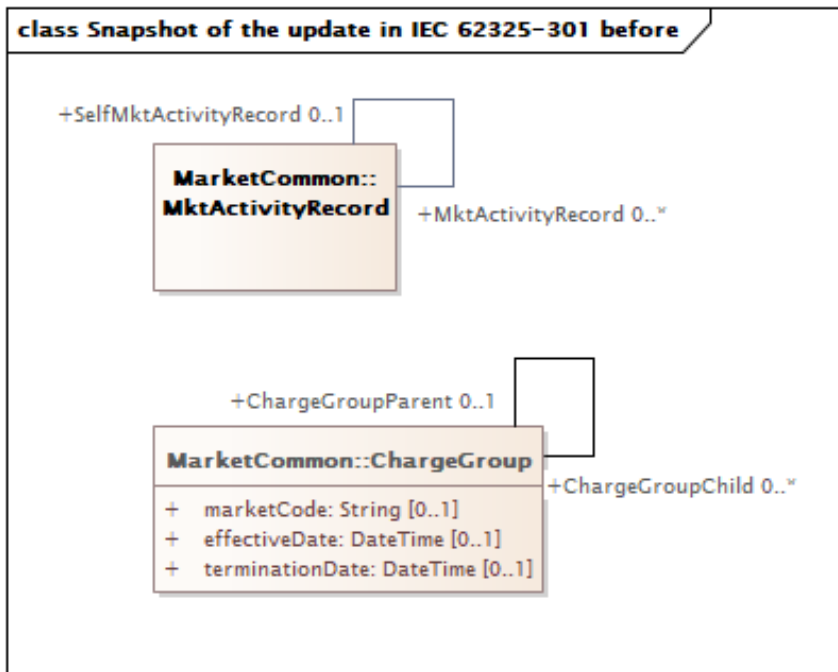
4   Description of the update

4.1   This request applies an update of IEC 62325-301 (If yes, please fill the points below)
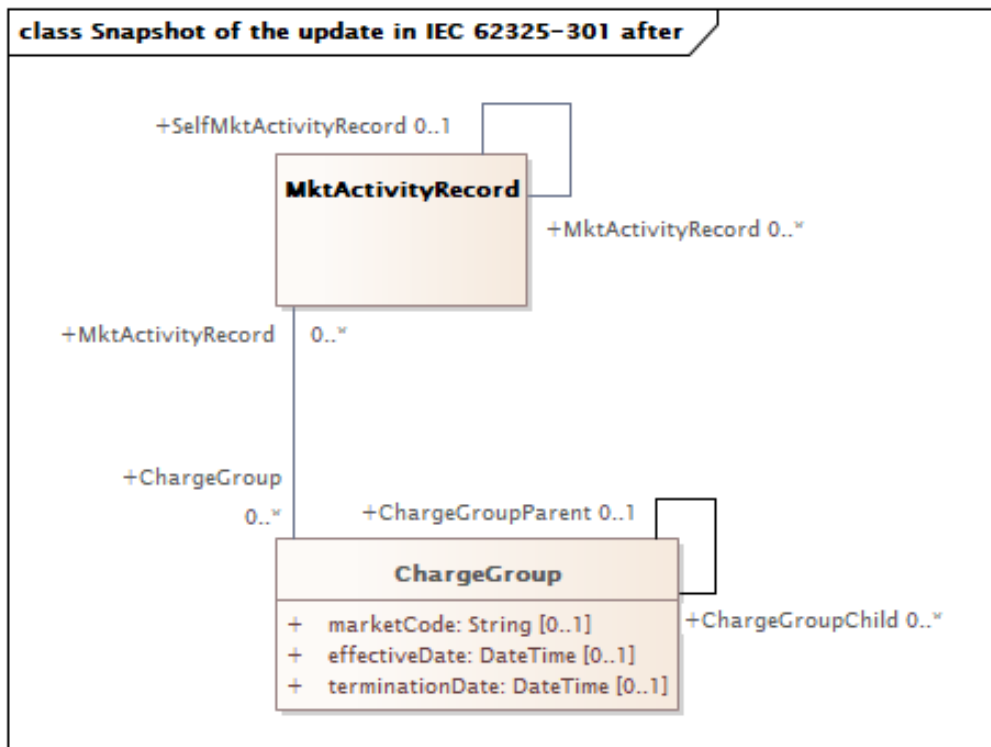
No changes needed in 62325-301.

4.1.1   Reference to XMI (Optional)

None.

4.1.2 Snapshot of the update in IEC 62325-301 before

4.1.3 Snapshot of the update in IEC 62325-301 after

4.2 Description of update of IEC 62325-351 (If yes, please fill the points below)
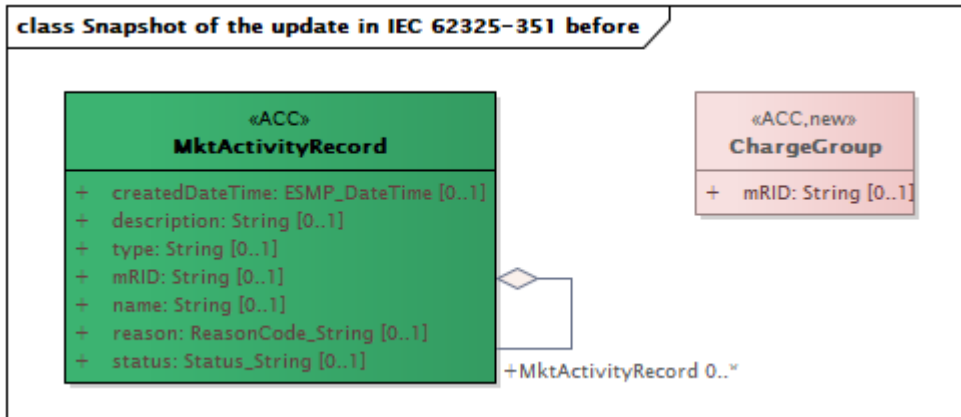
4.2.1 Description of the change/update

Add an association from the «ACC» MktActivityRecord to the «ACC» ChargeGroup 62325-351 (ESMP).

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2   The class ChargeGroup is requested moved from the IEC62325/MarketOperations/ParticipantInterfaces package to the IEC62325/MarketCommon package in ebIX® MR 2022-024
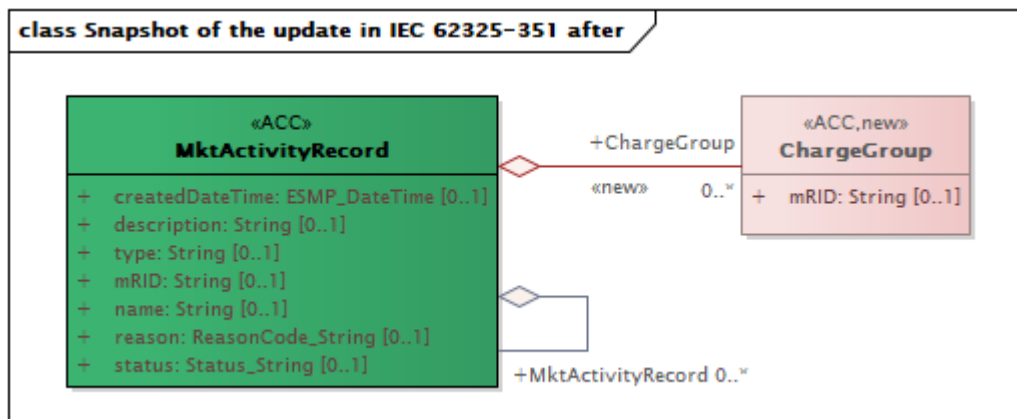
4.2.2   Reference to XMI (Optional)

None.

4.2.3   Snapshot of the update in IEC 62325-351 before

4.2.4   Snapshot of the update in IEC 62325-351 after[3]

4.2.4.1   Class and attributes descriptions

We suggest the same definition of ChargeGroup in ESMP and in IEC 62325, except for the examples:

> Charge Group is the grouping of Charge Types for settlement invoicing purpose. ~~Examples such as Ancillary Services, Interests, etc.~~

5   Final agreement

Agreed in Retail Market Subgroup 25th October 2023.

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[3]   **Note:** ChargeGroup is requested added to ESMP in the MRs ebIX® 2022/024