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.

[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”.

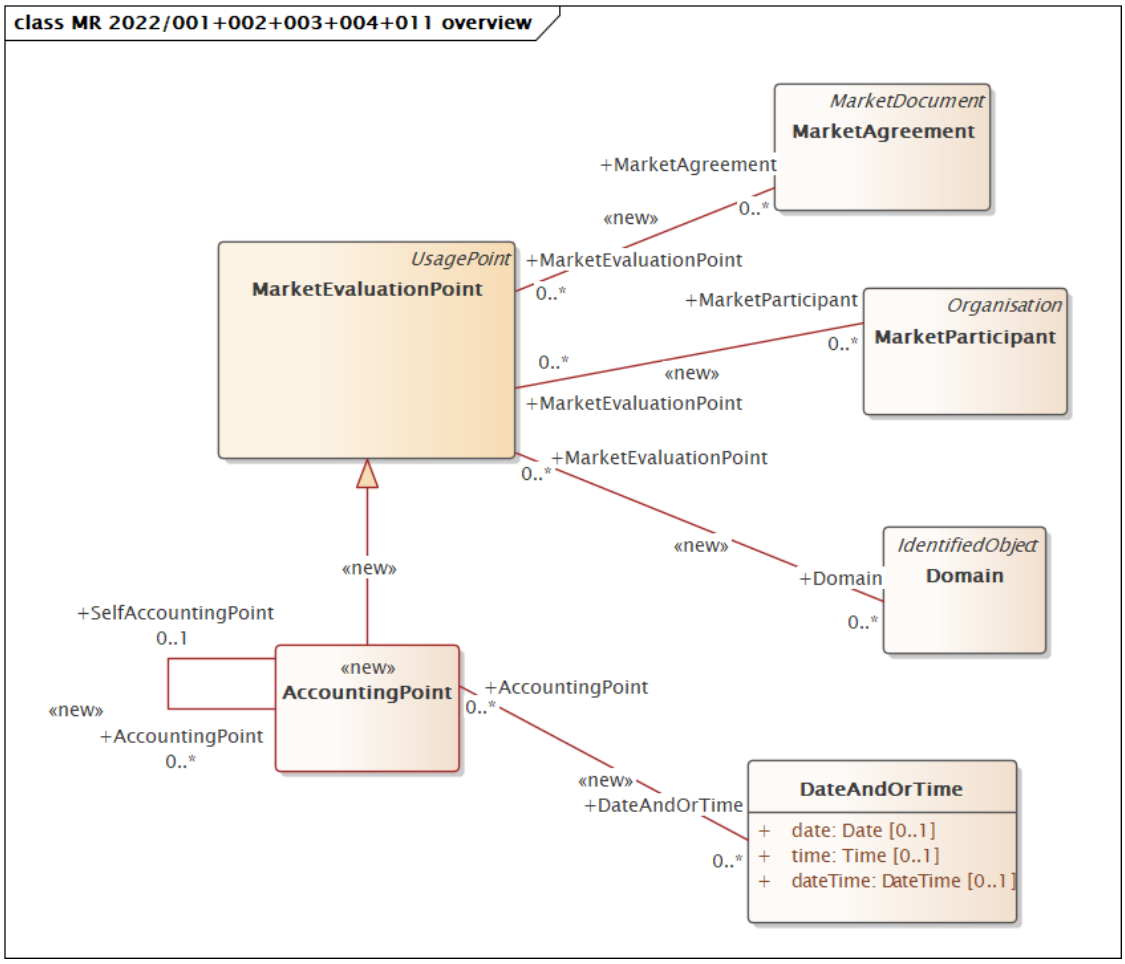
1 General Information

Date of submission:	24/02/2022
Submitter Name:	Jan Owe
Organisation:	Svenska kraftnät
E-mail:	jan.owe@svk.se
Maintenance Request ID	ebIX® 2022/001
Maintenance Request Version	2
Maintenance Request title	New self-association to AccountingPoint.

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

2.1 Background and UseCases

This MR is one out of a set of MRs requesting associations from the MarketEvaluationPoint (or, for this MR and MR 2022/002: Association to DateAndOrTime, the AccountingPoint, which is a new proposed domain inheriting from the MarketEvaluationPoint) to other CIM classes and a self-association to the AccountingPoint:



The background for this maintenance request is the need for addition of links to other AccountingPoints, such as a “Parent AccountingPoint”, one or more “Child AccountingPoints” or one or more “Linked AccountingPoints”.

An example of links between MarketEvaluationPoints is the handling of metering in non-concessional Metering Grid Areas (MGAs) in Sweden, where “Sub Accounting Points” from a non-concessional MGA are associated to an Accounting Point that is part of the concessional grid, such as metered data from production facilities within an industrial grid.

Another example is Customers having both production and consumption where there are different Energy Suppliers for the two directions, hence there is a need to link the consumption Accounting Point and the production Accounting Point.

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

The same kind of update is suggested also in ESMP.

4 Description of the update

4.1 This request applies an update of IEC 62325-301 (If yes, please fill the points below)

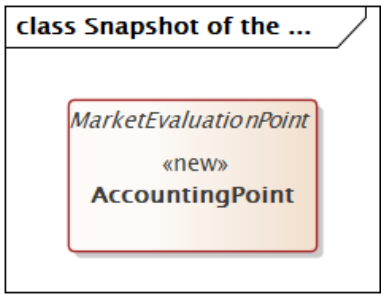
4.1.1 Description of the change/update

Add an association from AccountingPoint to itself. I.e. an AccountingPoint can have zero or more linked AccountingPoints [0..*] .

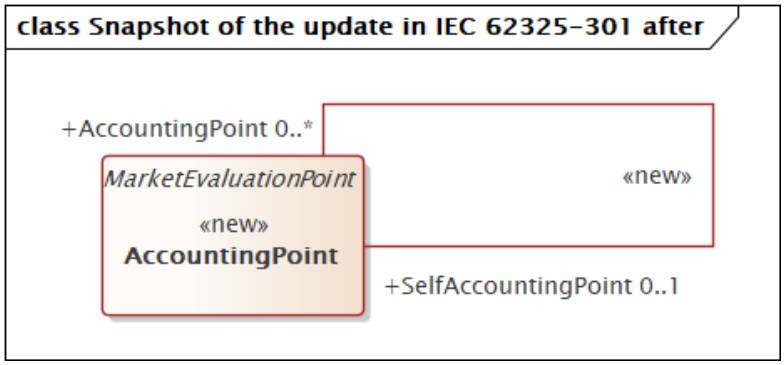
4.1.2 Reference to XMI (Optional)

None.

4.1.3 Snapshot of the update in IEC 62325-301 before



4.1.4 Snapshot of the update in IEC 62325-301 after



See the additions with stereotype <<new>> in the figure above.

4.1.5 Class and attributes descriptions

This MR concerns only addition of an association.

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

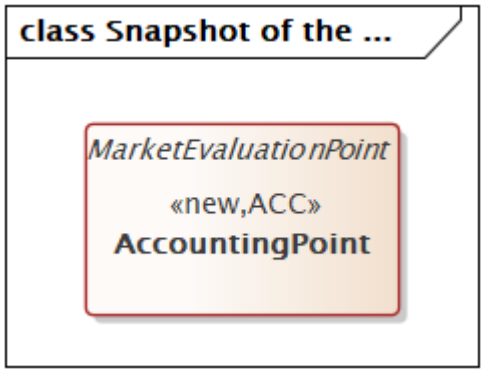
4.2.1 Description of the change/update

Add an aggregation to part from AccountingPoint to itself. I.e. a AccountingPoint [1] can have zero or more AccountingPoints [0..*].

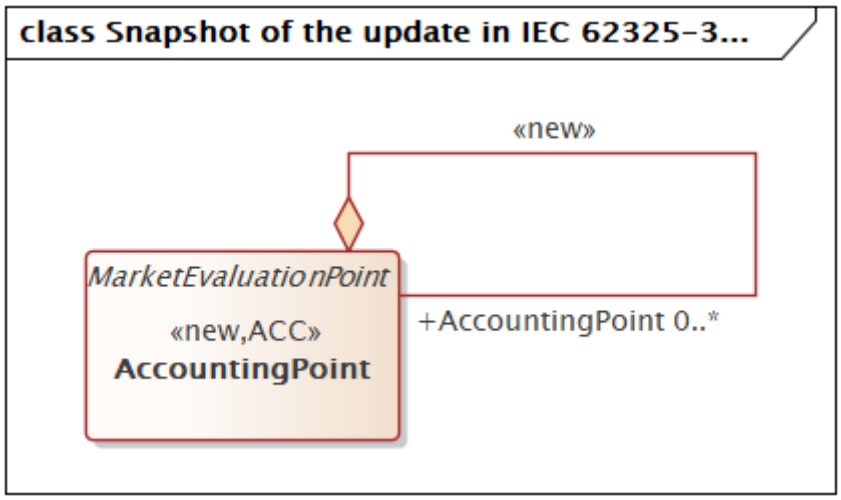
4.2.2 Reference to XMI (Optional)

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



4.2.4.1 Class and attributes descriptions

This MR concerns only addition of an aggregation.

5 Final agreement