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:	02/06/2022
Submitter Name:	Jan Owe
Organisation:	Svenska kraftnät
E-mail:	jan.owe@svk.se
Maintenance Request ID	NMEG 2022/204
Maintenance Request Version	2
Maintenance Request title	New attribute inclusiveBidsIdentification to the BidTimeSeries

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

2.1 Background and UseCases

MARI (**M**anually **A**ctivated **R**eserves **I**nitiative, an implementation project of an European common platform for mFRR) has redefined the meaning of linkedBidsIdentification to "Technical linking" where it means that a bid in one MTU (Market Time Unit) (e.g., MTU0) may have a technical link to a bid in another MTU (e.g., MTU1). If the bid in the first MTU is subject to direct activation, the bid in the second MTU cannot be activated. Hence, in effect this is an exclusiveBidsIdentification between MTUs. In other words, the attributed linkedBidIdentification may be used to associate technically linked bids in different MTU (Market Time Unit) periods. Within a given MTU period, there may ***not*** be more than one bid having the same value in linkedBidIdentification.

To avoid ambiguity and the fact that we need a possibility to cater for the original meaning of the element:

> "The identification of a set of tenders that are linked together signifying that they are either all accepted or are all rejected. This identification is defined by the tenderer and must be unique for a given auction"

we need a new element "inclusiveBidsIdentification", to be able to link bids that must be activated together within the same MTU. This can for instance be when there are several production units/resource objects in the same waterway.

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

The same kind of update is needed 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)

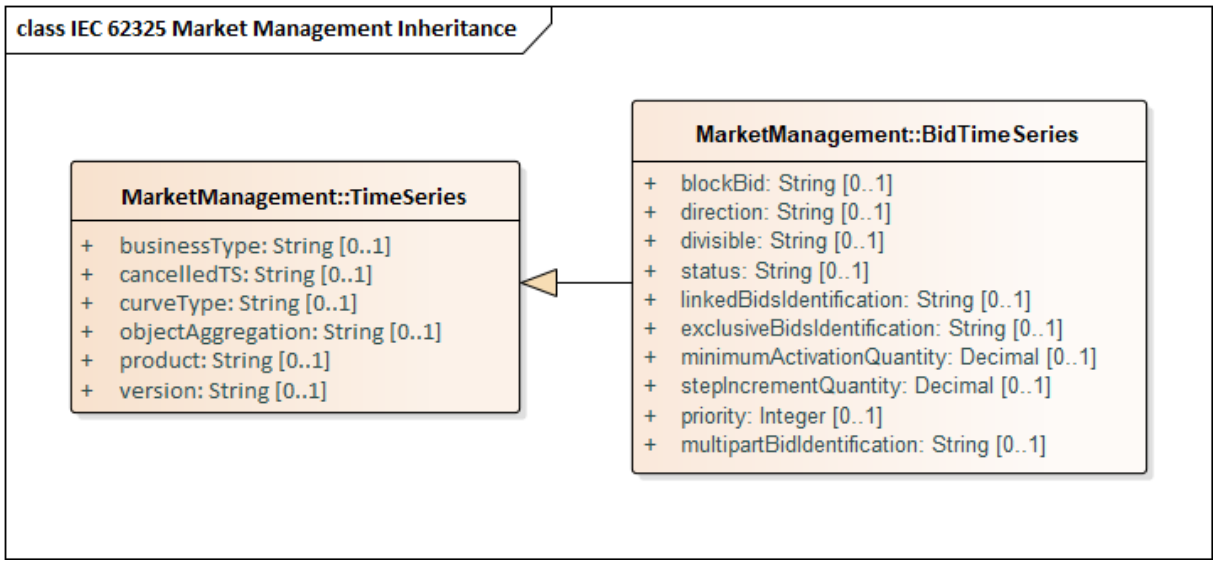
4.1.1 Description of the change/update

Add a new attribute inclusiveBidsIdentification to the BidTimeSeries class.

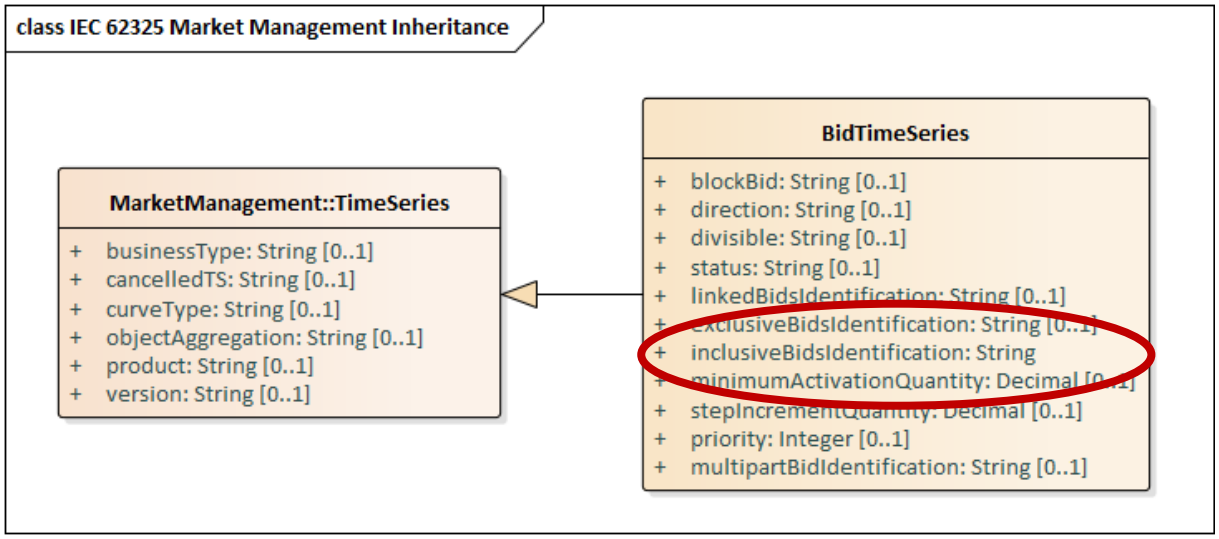
4.1.2 Reference to XMI (Optional)

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



4.1.5 Class and attributes descriptions

Proposed definition of the new attribute inclusiveBidsIdentification to the BidTimeSeries:

Unique identification associated with all linked bids.

The identification of a set of bids that are linked together signifying that these bids must be accepted together.

This identification is defined by the tenderer and must be unique for a given auction.

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

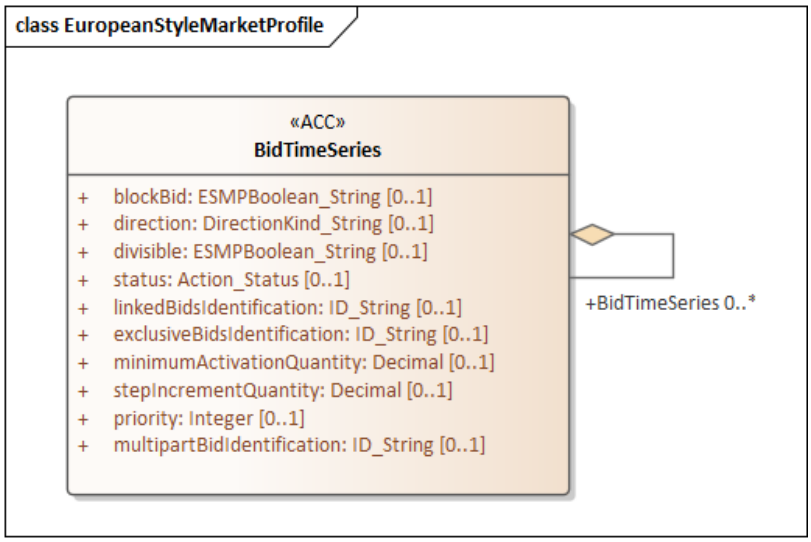
4.2.1 Description of the change/update

Add a new attribute inclusiveBidsIdentification to the BidTimeSeries.

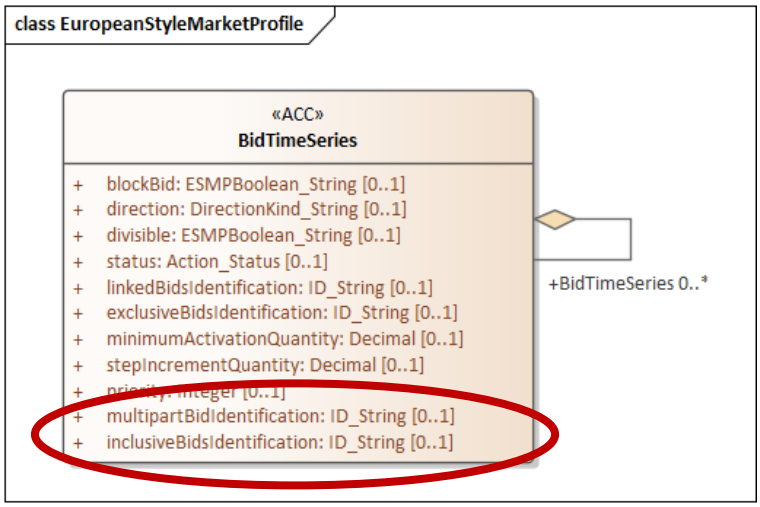
4.2.2 Reference to XMI (Optional)

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 attribute. Proposed definition of the new attribute inclusiveBidsIdentification to the BidTimeSeries «ACC»:

> Unique identification associated with all linked bids.
>
> The identification of a set of bids that are linked together signifying that these bids must be accepted together.
>
> This identification is defined by the tenderer and must be unique for a given auction.

5 Final agreement