

## WG13 Issues - CIM Issues #4019

### BusNameMarker needs priority attribute To use the name mark

09/14/2021 03:43 PM - Herbert Falk

<b>Status:</b> Closed	
<b>Priority:</b> Normal	
<b>Target version:</b>	
<b>Author/Contact Info:</b> Kendall Demaree	<b>Standard(s):</b>
<b>Base Release:</b> 61970cim15v32	<b>Version:</b>
<b>Solution to be Applied To:</b> 61970cim16v01	<b>Clause:</b>
<b>Solution Version:</b> CIM16	<b>Sub-Clause:</b>
<b>Solution Applied By:</b> KDD	<b>Paragraph:</b>
<b>Completion Date:</b> 08/18/2011	<b>Table:</b>
<b>CIM Keywords:</b>	<b>Originally Closed in Version:</b> CIM16
<b>Breaking Change:</b> No	<b>Origination Date:</b> 08/18/2011
<b>Breaking Change Description:</b>	<b>Origination ID:</b> 13_96
<b>CIM Impacted Groups:</b> WG13	<b>Originally Assigned To:</b>
<b>Requestor:</b>	
<b>Description</b> BusNameMarker needs priority attribute To use the name markers we need a priority when multiple names are connected into one bus. This is from Statnett.	
<b>Proposed Solution</b> Add new attribute to the UML model of BusNameMarker The suggestion is to use a priority number to define which cim:BusNameMarker should be used. Based on the cim:SynchronousMachine.referencePriority: referencePriority 0..1 Integer - Priority of unit for use as powerflow voltage phase angle reference bus selection. 0 = don t care (default) 1 = highest priority. 2 is less than 1 and so on. We suggest to add the attribute cim:BusNameMarker: referencePriority 0..1 Integer - Priority of busbar for use as topology name. 0 = don t care (default) 1 = highest priority. 2 is less than 1 and so on.  (not yet discussed) KDD suggests name attribute simply "priority". We might consider a CIMDatatype of Priority.	
<b>Decision</b> Used name attribute simply "priority" in 61970cim16v01. Still need to discuss use of CIMDatatype for priority.	