

WG13 Issues - CIM Issues #4934

Modelling of PotentialTransformer and CurrentTransformer

09/14/2021 03:47 PM - Herbert Falk

Status:	Closed	
Priority:	Low	
Target version:		
Author/Contact Info:	Kendall Demaree	Standard(s):
Base Release:	61970cim15v12	Version:
Solution to be Applied To:	CIM18v07	Clause:
Solution Version:	CIM18v07	Sub-Clause:
Solution Applied By:	Chavdar Ivanov	Paragraph:
Completion Date:	10/08/2023	Table:
CIM Keywords:		Originally Closed in Version:
Breaking Change:	Yes	Origination Date: 12/16/2011
Breaking Change Description:	Some attributes are deleted, but these are not used in WG13 profiles	Origination ID: 13_108
CIM Impacted Groups:	WG13	Originally Assigned To:
Requestor:		
Description PotentialTransformer.ptClass is ambiguous string String attribute has no real redefinition and is possibly redundant after addition of PotentialTransformer.type:PotentialTransformerKind attribute.		
Proposed Solution PotentialTransformer.ptClass and CurrentTransformer.ctClass usage is not clear.		
Decision Chuck investigates and come up with proper attribute names and descriptions. Refer also to IEC 60044-1. 2013-06-05/LOO Oslo, 14 June 2023 - update the description of PotentialTransformer.accuracyClass - clarify the PotentialTransformer.ptClass as burden designation All attributes will need to be revisited. Note that there is an opinion that we should not add attributes to Sensor due to other impact. See https://voltage-disturbance.com/power-engineering/potential-transformer-accuracy/ 30-Aug-2023: Discussion concluded with the observation that this is Asset related and not an TF13 Wires task. These attributes should be removed as it is not necessary for wires-based application. 11 Oct 2023 - TF13 call Close the issue and leave the remaining attributes (after the deletion of accuracyClass, ptClass and ctClass) with the expectation that if there's an issue or they are not needed someone will raise this.		
Release Notes The following attributes were removed as they are Asset related, they are not necessary for wires-based application and should not be in the Grid package. - PotentialTransformer.accuracyClass - PotentialTransformer.ptClass - CurrentTransformer.accuracyClass - CurrentTransformer.ctClass		

History

#1 - 02/07/2023 01:30 PM - Chavdar Ivanov

- Subject changed from *PotentialTransformer.ptClass is ambiguous string* String att to *PotentialTransformer.ptClass is ambiguous string*String att
- Status changed from *Open* to *Review*
- Base Release changed from *61970cim15v12* to *61970cim15v12*
- Decision updated

WG13 to discuss if this is stil actual. Check with Chuck if input is ready.

#2 - 06/14/2023 09:41 AM - Chavdar Ivanov

- Subject changed from *PotentialTransformer.ptClass is ambiguous string*String att to *Modelling of PotentialTransformer and CurentTransformer*
- Proposed Solution updated
- Decision updated

#3 - 06/14/2023 09:42 AM - Chavdar Ivanov

- Status changed from *Review* to *In Progress*

#4 - 08/30/2023 11:02 AM - Todd Viegut

- Proposed Solution updated
- Decision updated

#5 - 10/08/2023 12:03 AM - Chavdar Ivanov

- Solution to be Applied To set to *CIM18v07*
- Solution Version set to *CIM18v07*
- Solution Applied By set to *Chavdar Ivanov*
- Completion Date set to *10/08/2023*
- Release Notes updated

#6 - 10/08/2023 12:07 AM - Chavdar Ivanov

- Breaking Change changed from *No* to *Yes*
- Breaking Change Description set to *Some attributes are deleted, but these are not used in WG13 profiles*

#7 - 10/14/2023 11:23 PM - Chavdar Ivanov

- Status changed from *In Progress* to *Closed*
- Decision updated

#8 - 10/20/2023 09:42 AM - Todd Viegut

- Solution to be Applied To changed from *CIM18v07* to *18v07*

#9 - 10/20/2023 10:11 AM - Todd Viegut

- Solution to be Applied To changed from *18v07* to *CIM18v07*