

CIM Joint Issues - CIM Issues #5295

Joint issue on ACLineSegment physical modeling clarification

01/29/2022 03:53 PM - Pat Brown

Status: New	
Priority: Normal	
Target version:	
Solution Version:	Clause:
Breaking Change: Yes	Sub-Clause:
Breaking Change Description: WirePhaseInfo and WireUsageKind classes deleted, 2 classes renamed, 4 attributes deprecated, 4 associations deleted	Paragraph:
CIM Impacted Groups: WG13, WG14	Table:
Requestor: Pat Brown	Origination Date:
Standard(s): 61968-11, 61968-4, 61970-301, 61968-13	Origination ID:
Version: iec61970cim18v01_iec61968cim14v00_iec62325cim04v08_CIM101.0	Originally Assigned To:
Description The publication of Edition 2 of 61968-13 resulted in an overabundance of options and a dearth of clarity related to the definition of wire assemblies for ACLineSegments.	
Release Notes See attached 2022-01-30 Device Datasheet ACLineSegment requested UML updates.docx.	
Related issues:	
Related to WG13 Issues - CIM Issues #5298: 5295:5298 61970 PhaseImpedanceData...	Closed
Related to WG14 Issues - CIM Issues #5297: 5295:5297 61968 AssetInfo cleanup ...	Open

History

#1 - 01/29/2022 05:57 PM - Pat Brown

- File 2021-11-29 Device Datasheet ACLineSegment requested UML updates.docx added
- Project changed from WG13 Issues to CIM Joint Issues
- Author/Contact Info deleted (Pat Brown)
- Solution to be Applied To deleted (iec61970cim18v01_iec61968cim14v00_iec62325cim04v08_CIM101.0)
- Solution Applied By deleted (Pat Brown)
- Proposed Solution updated
- Requestor set to Pat Brown
- Version set to iec61970cim18v01_iec61968cim14v00_iec62325cim04v08_CIM101.0
- CIM Keywords deleted (61970-Wires)

#2 - 01/29/2022 06:02 PM - Pat Brown

- Release Notes updated

#3 - 01/29/2022 06:03 PM - Pat Brown

Pat Brown wrote:

The publication of Edition 2 of 61968-13 resulted in an overabundance of options and a dearth of clarity related to the definition of wire assemblies for ACLineSegments.

#4 - 01/30/2022 02:49 AM - Pat Brown

- File 2022-01-30 Device Datasheet ACLineSegment requested UML updates.docx added

- Release Notes updated

#5 - 01/30/2022 02:50 AM - Pat Brown

- Description updated

#6 - 01/30/2022 02:51 AM - Pat Brown

- Project changed from CIM Joint Issues to WG13 Issues

- Proposed Solution updated

#7 - 01/30/2022 02:52 AM - Pat Brown

- Project changed from WG13 Issues to CIM Joint Issues

- Description updated

- Proposed Solution updated

#8 - 01/30/2022 04:13 AM - Pat Brown

- Standard(s) changed from 61968-11, 61968-13, 61970-301 to 61968-11, 61968-4, 61968-13, 61970-301

#9 - 01/30/2022 04:14 AM - Pat Brown

- Standard(s) changed from 61968-11, 61968-4, 61968-13, 61970-301 to 61968-11, 61968-4, 61970-301, 61968-13

#10 - 09/23/2022 10:42 AM - Chuck DuBose

- Related to CIM Issues #5298: 5295:5298 61970 PhaseImpedanceData cleanup for ACLineSegment physical modeling added

#11 - 09/23/2022 10:43 AM - Chuck DuBose

- Related to CIM Issues #5297: 5295:5297 61968 AssetInfo cleanup for ACLineSegment physical modeling added

#12 - 02/13/2023 03:11 PM - Eric Stephan

AI: 61968-4 team to meet and develop proposal.

#13 - 02/13/2023 04:20 PM - Eric Stephan

Discussion is needed:

- 1) If the new ConductingInfo class on the 61968 should be used by the 61970 modeling?
- 2) Should the WireAssembly WirePosition and InterfaceSpacing Classes exist in the 61970 or 61968?
- 3) If bullet 1 answer is Yes then we need to consider moving the association currently between WireInfo and WirePosition to parent class ConductingInfo and WirePosition. (should we explicitly retain WireInfo and WirePosition association AND add association between ConductingInfo and WirePosition to maintain backwards compatibility?).

Discussion Participants: Judy Morgan, Pat Brown, Chuck DuBose, Shawn Hu.

#14 - 06/13/2023 09:06 AM - Chavdar Ivanov

Agreement: 13 Jun 2023, Oslo

- IntraphaseSpacing (WireBundle), WirePosition, WireAssembly should move to 61970
- the changes described in the Word document should be implemented in CIM18
- we keep the name WireBundle instead of renaming it IntraphaseSpacing

Changes to be implemented.

Files

File Name	Size	Date	Author
trash file but can't delete	1.25 MB	01/29/2022	Pat Brown
2021-11-29 Device Datasheet ACLineSegment requested UML updates.docx	1.26 MB	01/29/2022	Pat Brown
2022-01-30 Device Datasheet ACLineSegment requested UML updates.docx	1.46 MB	01/30/2022	Pat Brown