WG13 Issues - CIM Issues #7034

Resolve ambiguity / multiple interpretations (that conflict) in the constraints/rules/documents around ConnectivityNode containment for ACDCConverter scenario.

10/24/2024 12:04 PM - Todd Viegut

Status:	New		
Priority:	Normal		
Target version:			
Author/Contact Info:	Todd Viegut; todd.viegut@gmail.com	**Standard(s):**	IEC 61970-301, IEC 61970-452, IEC 61970-600-2
Base Release:	CIM17	**Version:**	
Solution to be Applied To:	CIM18	**Clause:**	
Solution Version:		**Sub-Clause:**	
Solution Applied By:		**Paragraph:**	
Completion Date:		**Table:**	
CIM Keywords:	61970-Wires	**Originally Closed in Version:**	
Breaking Change:	No	**Origination Date:**	
Breaking Change Description:		**Origination ID:**	
CIM Impacted Groups:	WG13	**Originally Assigned To:**	
Requestor:			

Description

When fielding implementation-related questions for the 456 TP profile, Chavdar and I identified that we currently have ambiguity and two interpretations (that conflict) expressed across current publications of the 301/452/456.

Specifically, a question came up pertaining to ConnectivityNodes, ConnectivityNodeContainers and containment. The context being tracing out the BaseVoltage corresponding to a ConnectivityNode/container. The BaseVoltage being that corresponding to a particular TopologicalNode in a TP profile (where TopologicalNode -> BaseVoltage is required).

Attached to this JIRA is a PDF with background and highlights around the ambiguity. Discussion and decisions are needed as to how we may want to eliminate this ambiguity/conflict via new (or updated) constraints for our end-users.

History

#1 - 10/24/2024 12:18 PM - Todd Viegut

- Description updated

#2 - 10/24/2024 12:37 PM - Todd Viegut

- File Redmine Issue #7034 Background.pdf added

Files

Redmine Issue #7034 Background.pdf	400 KB	10/24/2024	Todd Viegut