

IEC TC57 WG10 Future Work - WG10FutureWork #5933

Proposal of a new LN class ASWI

08/09/2022 08:11 AM - Vladan Cvejic

Status: New	Start date: 07/01/2022
Priority: Normal	Due date: 12/31/2022
Assignee:	% Done: 0%
Category:	Estimated time: 0.00 hour
Target version:	Short Proposal:
Source: FNN Germany	Standard(s): IEC 61850-7-4 Ed.3
TF Unique ID:	Needs More Information:
WG10 Proposal:	
Discuss in Upcoming Meeting: No	
Description <p>This is to register a user requirement for a new LN class ASWI, independent from ASEQ LN class proposed in IEC/TR 61850-90-14 which is intended to model FACTS and HVDC Automatic Sequencer.</p> <p>ASWI LN class should model an execution scheme of a series of switchgear controls. Once activated by a DOns control, it will go through a configured list of 1 ... n individual switchgear controls (CSWI.Pos), with associated ctIVal for the intended switching directions, and will execute them one after the other. The successful execution of the actual step shall be the precondition for executing the next one.</p> <p>Option: It should be possible to select the execution sequence (forward/backward) using the common ctIVal of the DOns control. In backward mode the ctIVal for the individual controls should be inverted.</p>	
Proposal descriptions <p>The proposal is to enhance the definition of ASWI LN allowing multi equipment controlled by CSWI changing the presence condition of OpOpn, OpCls, SelOpn and SelCls data objects. The work will be address in IEC 61850-7-4 Ed.3 as 90-6 TR LN definition is plan to be moved to this standard.</p>	
Related issues:	
Copied from IEC 61850 User Feedback Task Force - Improvement #5876: Proposal ...	Resolved 07/01/2022 12/31/2022

History

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- Copied from Improvement #5876: Proposal of a new LN class ASWI added