

IEC 61850 User Feedback Task Force - Support #551

IEC/IEEE 61850-9-3 - Sync messages have to be padded to the same length as the Pdelay_Req/Pdelay_Resp messages

02/03/2021 02:07 PM - Herbert Falk

Status:	Resolved	Start date:	
Priority:	Normal	Due date:	
Assignee:	Fred Steinhauser	% Done:	0%
Category:	Standard clarification required	Estimated time:	0.00 hour
Target version:		To discuss in WG10:	
ID:	32	Short Proposal:	To send to Hubert for next 9-3 revision
Source:	IOP_2017/53	Standard(s):	IEC 61850-9-3
TF Unique ID:	32 # IOP_2017/53	Needs More Information:	No
WG10 Proposal:		Assigned TF:	
Estimated Completion:			
Discuss in Upcoming Meeting:	No		
Description			
To avoid errors of up to 800ns in media converters (e.g. 1 Gbit/s – 100 Mbit/s, SFPs), IEC/IEEE 61850-9-3 should specify that the Sync messages have to be padded to the same length as the Pdelay_Req and Pdelay_Resp messages. Media converters should be tested for asymmetry. This will be stated in the revision of IEEE 1588, but IEC/IEEE 61850-9-3 refers to IEEE 1588:2008.			
Proposal descriptions			
Assigned to IEC 61850-9-3			

History

#1 - 02/15/2021 12:33 PM - Vladan Cvejic

- Subject changed from To avoid errors of up to 800ns in media converters (e.g. 1 Gbit/s – 100 Mbit/s, SFPs), IEC/IEEE 61850-9-3 should specify that th to IEC/IEEE 61850-9-3 - Sync messages have to be padded to the same length as the Pdelay_Req/Pdelay_Resp messages
- Category set to Standard clarification required
- Status changed from New to In Progress
- Standard(s) changed from 3-Sep to IEC 61850-9-3
- Discuss in Upcoming Meeting set to No

Checking done.

#2 - 06/21/2022 09:26 AM - Carlos Rodriguez del Castillo

- Status changed from In Progress to Resolved
- Assignee set to Fred Steinhauser
- Proposal descriptions updated

#3 - 05/09/2023 09:32 AM - Carlos Rodriguez del Castillo

- Needs More Information set to No