

## IEC 61850 User Feedback Task Force - Support #552

### Disruption of network when TC are not set to the correct domain

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

<b>Status:</b>	Resolved	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Fred Steinhauser	<b>% Done:</b>	0%
<b>Category:</b>	Standard clarification required	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>To discuss in WG10:</b>	
<b>ID:</b>	33	<b>Short Proposal:</b>	To send to Hubert for next 9-3 revision
<b>Source:</b>	IOP_2017/54	<b>Standard(s):</b>	IEC 61850-9-3
<b>TF Unique ID:</b>	33 # IOP_2017/54	<b>Needs More Information:</b>	No
<b>WG10 Proposal:</b>		<b>Assigned TF:</b>	
<b>Estimated Completion:</b>			
<b>Discuss in Upcoming Meeting:</b>	No		
<b>Description</b>			
<p>Some TC that are not set to the correct domain disrupt the network because they do not respond to Pdelay_Req coming from another domain than their own.</p> <p>This means that a replacement TC inserted out of the box could disrupt the network until it is properly configured.</p> <p>According to IEEE 1588:2008, a TC only has a "primary domain" for syntonization, but otherwise should respond to other domain TCs should respond to other domains.</p> <p>A slave-only clock is not obliged to respond to a Pdelay_Req that is not from its domain.</p> <p>To be clarified in IEC/IEEE 61850-9-3.</p>			
<b>Proposal descriptions</b>			
Assigned to IEC 61850-9-3			

#### History

##### #1 - 02/15/2021 12:37 PM - Vldan Cvejic

- Subject changed from Some TC that are not set to the correct domain disrupt the network because they do not respond to Pdelay\_Req coming from anothe to Disruption of network when TC are not set to the correct domain
- 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