

## IEC 61850 User Feedback Task Force - Feature #544

### TestBlock condition implemented only in XCBR and not in any of Rxxx and Pxxx logical node

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

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	Solved / Missunderstanding	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>To discuss in WG10:</b>	
<b>ID:</b>	25	<b>Short Proposal:</b>	In order to allow this, binary contacts (input & outputs) should have representation in the standard so that test block condition can be implemented at the binary output level and there is no need to have this attribute in any other logical node.
<b>Source:</b>	IOP_2017/44	<b>Standard(s):</b>	IEC 61850-7-5
<b>TF Unique ID:</b>	25 # IOP_2017/44	<b>Needs More Information:</b>	
<b>WG10 Proposal:</b>	(2019-06): Not accepted. PXXX and RXXX cannot trip directly the breaker. XCBR is needed to trip the breaker.	<b>Assigned TF:</b>	
<b>Estimated Completion:</b>	(2019-06) No target date was set.		
<b>Discuss in Upcoming Meeting:</b>	No		

#### Description

Vendor has implemented TestBlock condition only in XCBR wherein the contact outputs are not operated in test block condition. Test block condition are not implemented in any of Rxxx and Pxxx logical nodes as they are not expected to trip breaker directly.

There exist used cases wherein PTOC/PDIS elements can exist in an IED directly in breaker compartment in field and XCBR node in a bay controller IED located in relay building. In such cases, it is expected that Pxxx or Rxxx nodes are expected to trip directly the breaker.

#### History

##### #1 - 02/11/2021 07:19 AM - Vladan Cvejic

- Subject changed from Vendor has implemented TestBlock condition only in XCBR wherein the contact outputs are not operated in test block condition. Te to TestBlock condition implemented only in XCBR and not in any of Rxxx and Pxxx logical node

- Status changed from New to Closed

- Standard(s) changed from 5-Jul to IEC 61850-7-5

- Discuss in Upcoming Meeting set to No

Checking done.