

## IEC TC57 WG10 Future Work - WG10 Future Work #6604

### IEC61850.Tissue #1754 Event driven schedules - Type of InSyn missing

11/21/2023 12:48 AM - Vladan Cvejic

<b>Status:</b> New	<b>Start date:</b> 08/10/2021
<b>Priority:</b> Normal	<b>Due date:</b> 02/10/2022
<b>Assignee:</b>	<b>% Done:</b> 0%
<b>Category:</b>	<b>Estimated time:</b> 0.00 hour
<b>Target version:</b>	
<b>Source:</b> TissueDB	<b>Standard(s):</b> IEC 61850-7-4
<b>TF Unique ID:</b> 2 # TissueDB	<b>Needs More Information:</b> No
<b>WG10 Proposal:</b>	<b>Assigned TF:</b> 61850-7-4
<b>Discuss in Upcoming Meeting:</b> No	<b>Target edition:</b> Next
<b>Short Proposal:</b> Include in edition 3 - not very urgent	

**Description**

Part 7-4, page 169, clause 6.6.9, table 70:  
The type of the external trigger InSyn in Table 70 is not defined.

Note: InSyn is also used for Statistical LN ... but the definition there is not applicable for scheduling.

"F.3.2.3 External synchronization" defines BOOLEAN ... and the behavior only for statistical LN ... NOT for FSCH!

**Proposal descriptions**

Define the Type of external trigger.

Replace the current text:  
"Object reference of the external trigger if the schedule is triggered by an event."  
with  
"Object reference of the external trigger to start the schedule if the schedule is triggered by an event.  
The Type of the external trigger Data Attribute shall be BOOLEAN."

Note: This Data Attribute may be located in the same IED (local issue how the event is communicated) or in another IED (needs GOOSE or Report to communicate the event from one IED to another IED).

Alternatively, a new clause like F.3.2.3 External synchronization could be added in K.2.4

**Related issues:**

Copied from IEC 61850 User Feedback Task Force - Improvement #3100: IEC61850....	<b>Resolved</b>	<b>08/10/2021</b>	<b>02/10/2022</b>
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#### History

##### #1 - 11/21/2023 12:48 AM - Vladan Cvejic

- Copied from Improvement #3100: IEC61850.Tissue #1754 Event driven schedules - Type of InSyn missing added

##### #2 - 02/08/2024 01:42 AM - Vladan Cvejic

- Proposal descriptions updated

- Target edition changed from Not assigned to Next

- Assigned TF 61850-7-4 added