

## Server - Issues #5917

### 'Expected result' for some test cases of CB9b: GOOSE subscribe

08/02/2022 11:53 AM - yifan wang

<b>Status:</b> Closed	<b>Due date:</b> 10/18/2022
<b>Priority:</b> Urgent	
<b>Assignee:</b> Richard Schimmel	
<b>Category:</b>	
<b>Target version:</b>	
<b>Discuss in Upcoming Meeting:</b> No	<b>Updated Test Document:</b> TP1.3
<b>Clause Reference:</b> Ed2.0 Server TP2.0.6 CB9b: GOOSE subscribe	<b>Test Case ID:</b> sGos1, sGos8, sGos9, sGos10, sGos11, sGos12, sGos13, sGos23.
<b>61850 Standard:</b>	<b>Closed Reason:</b> --Not Set--
<b>Triggering Tissue:</b>	<b>Triggering Tissue 2:</b>
<b>Final Decision:</b>	<b>Triggering Tissue 3:</b>
<b>Initial Test Document:</b> Ed2Amd1 TP1.1 and Ed2 TP2.0.6	

#### Description

According to page 156 of Ed2.0 Server TP2.0.6:

"To perform the DUT subscribe test procedures the DUT need to be configured as follows:

- a data value that is connected to a subscribed GOOSE member, e.g. GGIO.SPS01
- a data set that contains the value of this data point
- a GoCB that publishes this data set (or a RCB that sends a data change/quality change report)"

Suggest to update the description for some test cases of CB9b: GOOSE subscribe:

'Expected result': "DUT updates the value and sends a GOOSE message with changed status value" => "DUT updates the changed status value"

'Test description': "Test engineer configures the DUT with subscribed GOOSE (ping-pong mechanism)" => "Test engineer configures the DUT with the ping-pong mechanism ("the ping-pong mechanism" can either be using GOOSE or RCB)"

#### History

##### #1 - 08/02/2022 11:54 AM - yifan wang

- Clause Reference set to Ed2.0 Server TP2.0.6 CB9b: GOOSE subscribe

##### #2 - 08/09/2022 09:00 AM - IEC 61850 TPWG

- Due date changed from 08/03/2022 to 09/06/2022

- Status changed from New to In Progress

- Assignee set to Richard Schimmel

##### #3 - 08/09/2022 10:21 AM - yifan wang

- Description updated

- Priority changed from Normal to Urgent

##### #4 - 08/23/2022 09:29 AM - Richard Schimmel

- File Solution to redmine sGos with report 5917.docx added

- Initial Test Document set to Ed2Amd1 TP1.1 and Ed2 TP2.0.6

see proposal attached file

##### #5 - 09/06/2022 08:13 AM - IEC 61850 TPWG

- Due date changed from 09/06/2022 to 09/20/2022

**#6 - 09/06/2022 10:18 AM - Thierry Dufaure**

I principle I agree,

The attached file nevertheless only concentrate on changing: "GOOSE message" to "GOOSE message or Report", but does not change the test description:

"with subscribed GOOSE (ping-pong meachnism)" to the proposed "with the pinong-pong mechanism involving GOOSE subscription, and either GOOSE publish or Report"....

I think the attached proposal need to be updated.

**#7 - 10/04/2022 02:57 AM - Richard Schimmel**

- *File Solution to redmine sGos with report 5917 (4oct2022).docx added*

The "goose ping-pong mechanism" is specified in detail after the table of abstract test procedures. And then referred to in each test procedure. We don't need to copy the ping-pong mechanism details in each test procedure again. I propose we just improve the introduction text:

To perform the DUT subscribe test procedures the DUT need to be configured with a **GOOSE ping-pong mechanism** as follows:

- a data value that is connected to a subscribed GOOSE member, e.g. GGIO.SPS01
- a data set that contains the value of this data point
- a GoCB that publishes this data set **or a RCB that sends a data change/quality change report**
- the subscribed GOOSE messages have variable length encoding unless specified otherwise (sGos9

**#8 - 10/04/2022 08:57 AM - IEC 61850 TPWG**

"GOOSE ping-pong" change to "ping-pong", otherwise accepted.

**#9 - 10/04/2022 09:16 AM - IEC 61850 TPWG**

- *Due date changed from 09/20/2022 to 10/18/2022*

**#10 - 10/05/2022 02:11 AM - Richard Schimmel**

- *File Solution to redmine sGos with report 5917 (5oct2022).docx added*

Updated the attachment as agreed upon

**#11 - 10/17/2022 09:42 AM - Thierry Dufaure**

I agree with the proposed changed of draft from Oct, 5th.

**#12 - 10/18/2022 08:59 AM - IEC 61850 TPWG**

- *Status changed from In Progress to Resolved*

**#13 - 03/01/2024 09:55 AM - Richard Schimmel**

- *Status changed from Resolved to Closed*

- *Updated Test Document set to TP1.3*

**Files**

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Solution to redmine sGos with report 5917.docx	39.1 KB	08/23/2022	Richard Schimmel
Solution to redmine sGos with report 5917 (4oct2022).docx	40.5 KB	10/04/2022	Richard Schimmel
Solution to redmine sGos with report 5917 (5oct2022).docx	40.5 KB	10/05/2022	Richard Schimmel