

Clarification Request

References: “BTL Specified Tests-15.0.final.pdf” - 7.3.1.6.10 Ensuring Minimum Times Are Not Effected By Time Changes

Date of BTL-WG Response: May 3, 2018

☒ All Actions Necessitated have been Completed

Background:

At the end of the formal description of the test 7.3.1.6.10 in “BTL Specified Tests-15.0.final.pdf” there is a section “Notes to Tester”. Its content is to use INACTIVE to execute Minimum_On_Time tests.

A new test (below in yellow) with inverted values (marked in red color) is suggested

Test Steps:

1. VERIFY Present_Value = **INACTIVE**
2. VERIFY Priority_Array = NULL, ARRAY_INDEX = 6
3. WRITE Present_Value = **ACTIVE**
4. VERIFY Present_Value = **ACTIVE**
5. VERIFY Priority_Array = **ACTIVE**, ARRAY_INDEX = 6
6. TRANSMIT
 - DA = GLOBAL BROADCAST,
 - SA = TD
 - BACnet-Unconfirmed-Request-PDU,
 - 'Service Choice' = TimeSynchronization-Request,
 - Date = T1,
 - Time = T1
7. TRANSMIT
 - DA = GLOBAL BROADCAST,
 - SA = TD
 - BACnet-Unconfirmed-Request-PDU,
 - 'Service Choice' = UTC-TimeSynchronization-Request,
 - Date = T1,
 - Time = T1
8. VERIFY Priority_Array = **ACTIVE**, ARRAY_INDEX = 6
9. WAIT (the remainder of **Minimum_On_Time**)
10. VERIFY Priority_Array <> **ACTIVE**, ARRAY_INDEX = 6

Problem:

The test is written for Minimum_Off_Time. For this reason the test verifies at step 1 Present_Value = ACTIVE etc.

When testing the Minimum_On_Time and using INACTIVE, the test already fails here. For this reason the test for Minimum_On_Time should be executed with inverted values.

Question:

Does a separate test have to be created?

Response:

No. An additional test is not needed. The notes to tester will be modified to cover the changes suggested above.