

## Clarification Request

**References:** 135-1-2019.pdf

**Date of BTL-WG Response:** September 17, 2020

All actions necessitated have been completed

### Background:

#### 8.4.8.7 Mode Transition Tests when Event State is Maintained

**Purpose:** To verify the correct operation of the CHANGE\_OF\_LIFE\_SAFETY event algorithm for objects transitioning between the NORMAL, OFFNORMAL and LIFE\_SAFETY\_ALARM event states when a mode change occurs. Tests are conducted when a mode change occurs, but the event state does not change. Tests are also conducted when a mode change occurs simultaneously with an event state change. In this latter case, the test verifies that the notification is immediate rather than waiting for the time delay.

**Test Concept:** The object begins the test in a NORMAL state. The Mode is changed. After the time delay expires, the object should transmit an event notification message. This operation is tested in the OFFNORMAL and LIFE\_SAFETY\_ALARM states as well.

The test is then repeated by changing the Mode property and simultaneously selecting a pMonitoredValue designated in pAlarmValues. The object should immediately enter the OFFNORMAL state and transmit an event notification message. pMonitoredValue is then changed to a value corresponding to a NORMAL state, and the Mode is simultaneously written. The object should immediately enter the NORMAL state and transmit an event notification message.

**Configuration Requirements:** The IUT shall be configured such that the Event\_Enable property has a value of TRUE for the TO-OFFNORMAL, and TO-NORMAL transitions. The 'Issue\_Confirmed\_Notifications' parameter shall have a value of TRUE. The event-generating objects shall be in a NORMAL state at the start of the test.

If IUT supports only one Mode value for Normal transition, then in this situation normal to normal transition will never generate. However, the test case mandates this option.

In my opinion, if the IUT does not support NORMAL to NORMAL translation then, particular test steps shall be skipped. Same might be apply for OFFNORMAL to OFFNORMAL test steps as well.

### Question:

Is my interpretation correct?

### Response:

Yes.

**The BTL-WG will review and correct the test, the BTL Checklist, and BTL Test Plan.**