

Clarification Request

Request from: BTL Manager (btl-manager@bacnetinternational.org)

Reference: "BTL Specified Tests-3.0.final", "ASHRAE 135-2004, section 12.8.6, pg 168"

Background:

The description for the Status_Flags property in the Binary Value Object indicate that the IN_ALARM value shall be FALSE if the Event_State property is NORMAL and TRUE for any other Event_State.

Test BTL – 7.3.1.11 Acked_Transitions Tests, Step 23, seems to incorrectly indicate that the Status_Flags property, IN_ALARM value should be FALSE when the Event_State is FAULT.

Proposed Solution:

Change test 7.3.1.11 Acked_Transitions Test, step 23 to require the IN_ALARM portion of the Status_Flag property to be TRUE.

Changes to BTL Specified Tests: (reference BTL Specified Tests 3.0.final)

[Change 7.3.1.11 Acked_Transitions Test, pg 13-16]

7.3.1.11 Acked_Transitions Tests

```

...
17. IF (the event-triggering object can be placed into a fault condition) THEN {
18.   MAKE (the event-triggering object change to a fault condition)
19.   WAIT (Time_Delay)
20.   BEFORE Notification Fail Time
       RECEIVE ConfirmedEventNotification-Request,
           'Process Identifier' =      (any valid process ID),
           'Initiating Device Identifier' =  IUT,
           'Event Object Identifier' =      (the event-generating object configured for this test),
           'Time Stamp' =                (any valid time stamp),
           'Notification Class' =          (the class corresponding to the object being tested),
           'Priority' =                    (the value configured to correspond to a TO-FAULT
transition),
           'Event Type' =                  (any valid event type),
           'Notify Type' =                  EVENT | ALARM,
           'AckRequired' =                  TRUE | FALSE,
           'From State' =                    NORMAL,
           'To State' =                      FAULT,
           'Event Values' =                  (values appropriate to the event type)
21.   VERIFY Event_State = FAULT
22.   VERIFY Acked_Transitions = (FALSE, FALSE, FALSE)
23.   VERIFY Status_Flags = (FALSETRUE, TRUE, ?, ?)
...

```

Response:

BTL working group agrees to the changes recommended above.