

Clarification Request

References: 135-2008

Background / Proposed Solution:

There is existing **7.3.2.24.X1 Log-Status Test**

Purpose: To verify proper logging of log-disabled and buffer-purged events.

Test Concept: The buffer is cleared. Then The Log_Enable property is changed and it is verified that the Record_Count property is changed and it is verified that the status entry is made correctly in the Log_Buffer. The Record_Count is also set to zero while the Log_Enable property is FALSE and it is verified that the buffer-purged event is recorded into the Log_Buffer

Test Configuration: The Trend Log is configured to acquire data by whatever means available. Configure the logging such that the entire test may be run without the trend buffer overflowing.

Test Steps:

1. WRITE Log_Enable = FALSE
2. WRITE Record_Count = 0
3. VERIFY (Log_Buffer contains 1 entries, and it is the buffer-purged event)
4. WRITE Log_Enable = TRUE
5. WRITE Log_Enable = FALSE
6. VERIFY (Record_Count => 3 and the first entry is the buffer-purged event, the second entry is the log-enable TRUE event and the last entry is the log-enable FALSE event)

In 135-2004, the datatype involved was

```
BACnetLogStatus ::= BIT STRING {  
    log-disabled      (0),  
    buffer-purged     (1)  
}
```

In 135-2008, through a change made in Addendum 135-2004b-3, the datatype was changed to

```
BACnetLogStatus ::= BIT STRING {  
    log-disabled      (0),  
    buffer-purged     (1),  
    log-interrupted   (2)  
}
```

Should the production of BACnetLogStatus be required to show 5 unused bits, rather than 6, if Protocol_Revision >= 7?

P.S. Shall we fix the typo extra capital T in the Test Concept?

Response:

We will add to this test a Notes to Tester: that when Protocol_Revision >= 7 the length of BACnetLogStatus shall be 3 rather than 2.