

## Clarification Request

**References:** BACnet 135-2012 clause K.3.2, 135.1-2013 clause 7.3.2.23.10.3

**Date of BTL-WG Response:** \_\_19-Feb-2015\_\_

☒ All actions necessitated have been completed

### Background:

From 135-2012, BIBB clause K.3.2

"... SCHED-I-B shall also be capable of possessing at least one Calendar and one Schedule object..."

From Test Package-14.0 Schedule object type on BTL Checklist

Schedule Object		
	R	Base requirements
	BTL-C <sup>1</sup>	Supports SCHED-I-B
	BTL-C <sup>1</sup>	Supports SCHED-WS-I-B
	BTL-C <sup>1</sup>	Supports SCHED-R-B
	O	Supports resizable Exception Schedule property
	O	Contains an object with Reliability Evaluation Inhibit Property
<sup>1</sup> You must support one of the listed scheduling BIBBs if your device contains a schedule object		

From Test Plan-14.0 Scheduling BIBBs section

Changes requested, if the proposal is adopted, are shown in BTL Test Plan with **highlighted italics**, elision shown with **highlighted strike through**. Existing *italics* shown is verbatim.

## 6.4 Scheduling - Internal - B

### 6.4.1 Base Requirements

Base requirements must be met by any IUT claiming conformance to this BIBB.

135.1-2013 - 7.3.2.23.3.2 - Calendar Entry Date Test		
	Test Method	Manual
	Configuration	As per <i>ASHRAE 135.1-2013</i> .
	Test Conditionality	As per <i>ASHRAE 135.1-2013</i> if and only if the IUT is prior to protocol revision 4. <b>If the IUT is of the correct Protocol Revision, the IUT is required to be configurable such that this test can be run.</b> This test may <b>not</b> be skipped <b>if the device does not support a Calendar object.</b>
	Test Directives	
	Testing Hints	
	Notes & Results	Old Reference: 135.1-2003 - 7.3.2.22.3.2
135.1-2013 - 7.3.2.23.10.3.2 - Revision 4 Calendar Entry Date Test		
	Test Method	Manual
	Configuration	As per <i>ASHRAE 135.1-2013</i> .
	Test Conditionality	As per <i>ASHRAE 135.1-2013</i> if and only if the IUT is protocol revision 4 or higher. <b>If the IUT is of the correct Protocol Revision, the IUT is required to be configurable such that this test can be run.</b> This test may <b>not</b> be skipped <b>if the device does not support a Calendar object.</b>
	Test Directives	

	<b>Testing Hints</b>	
	<b>Notes &amp; Results</b>	

Note that in 135.1-2013 here is preamble section prior to the relevant test 7.3.2.23.10.3.2 of a Calendar Entry, as follows: **7.3.2.23.10.3 Revision 4 Exception\_Schedule Property Tests**

If the IUT cannot be made to meet the configuration requirements of one or more of the tests in this clause, then that test shall be omitted. The inability to make such a configuration may be due to an absent or immutable Exception\_Schedule property to limited numbers of available BACnetSpecialEvent records in the Exception\_Schedule or to the unavailability of Calendar objects.

**Discussion:**

There is no way in the current Test Package-14.0 to have a Schedule that has a writable Exception\_Schedule property (thus cannot use SCHED-WS-I-B nor SCHED-R-B) and that doesn't collide with the BIBB clause K.3.2 statement, because of footnote 1 in Schedule in Checklist requiring at least one of those three named BIBBs. There are BACnet product designs that don't need a Calendar, and there should be a way within BTL process to have a Schedule that has an Exception\_Schedule property and that doesn't need a Calendar, but can nonetheless qualify for BTL Listing.

**Question:**

Can a device having a Schedule that has a writable Exception\_Schedule property, and that doesn't need a Calendar, qualify for BTL Listing?

**Response:**

No.