Clarification Request

References: BTL Test Plan-20.0_final.pdf

Date of BTL-WG Response: <u>August 11, 2022</u>

Background:

Following is the snapshot of 4.29 section of BTL test plan.

4.29 Data Sharing – Life Safety Modify – A

4.29.1 Base Requirements

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

135.1-2019 – 8.22.4 – Accepting Input and Modifying Properties		
	Test Conditionality	Must be executed if the IUT does not support DS-LSAM-A.
	Test Directives	Repeat the test for <u>each</u> of the required object types listed in the BIBB definition. Repeat for <u>each</u> of the required properties listed in the BIBB definition, except for those properties which are commandable. Repeat the test for a variety of values that cover the range of values required by the "Minimum Writable Value Ranges" table in the DS-M-A BIBB definition.
	Testing Hints	
135.1-2019 – 8.22.5 – Accepting Input and Commanding/Relinquishing Properties		
	Test Conditionality	Must be executed if the IUT does not support DS-LSAM-A.
	Test Directives	This test should be executed at priority 8 only, i.e. $PR_1 = 8$.
	Testing Hints	

Following is the snapshot of BACnet clause of 19.2.1.1 of 135-2020.

19.2.1.1 Commandable Properties

The prioritization scheme is applied to certain properties of objects. The standard commandable properties and objects are as follows:

OBJECT	COMMANDABLE PROPERTY
Access Door	Present_Value
Analog Output	Present_Value
Analog Value	Present_Value
Binary Lighting Output	Present_Value
Binary Output	Present_Value
Binary Value	Present_Value
BitString Value	Present_Value
Channel	Present_Value (see Clause 19.2.1.6)
CharacterString Value	Present_Value
Date Value	Present_Value
Date Pattern Value	Present_Value
DateTime Value	Present_Value
DateTime Pattern Value	Present_Value
Integer Value	Present_Value
Large Analog Value	Present_Value
Lighting Output	Present_Value
Multi-state Output	Present_Value
Multi-state Value	Present_Value
OctetString Value	Present_Value
Positive Integer Value	Present_Value
Time Value	Present_Value
Time Pattern Value	Present_Value

As per test plan, 8.22.5 Accepting Input and Commanding or Relinquishing Properties test conditionality is "must be executed" against commandable properties. However, both the life safety point and the life safety zone object do not support any commandable properties. In my opinion, this test case will be skipped against life-safe objects and will be executed only against the BACnet clause of 19.2.1.1 of 135-2020 mentioned properties.

Question:

1. Is my interpretation correct?
2. If yes, Can BTL add a note or appropriate statement in the test conditionality section or in the test case for the same?

RESPONSE:

1. **YES**
2. **YES**