INTERPRETATION IC 135-2020-22 OF ANSI/ASHRAE STANDARD 135-2020 BACnet® -A Data Communication Protocol for Building Automation and Control Networks

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Request from: Michael Osborne, BTB Consulting, 130 Kingham Place, Victoria, BC, Canada V9B 1L8.

Reference: This request for interpretation refers to ANSI/ASHRAE Standard 135-2020, Clause 16.1.2 – DeviceCommunicationControl Service – Service Procedure and the allowed initiated requests when DISABLE INITIATION is received.

Background: Clause 16.1.2 of the DeviceCommunicationControl service specifies that, while message initiation is disabled, a device can only initiate ConfirmedAuditNotification and UnconfirmedAuditNotification requests and initiate I-Am requests when a Who-Is request is received.

Like Who-Is requests, a Who-Has request is an infrastructure type request and is critical for proper interoperation of a BACnet system. DM-DDB-B and DM-DOB-B are both required in almost every device profile.

Allowing a device to support initiating I-Have request similar to I-Am improves the interoperation of the BACnet system and does not affect interoperability.

<u>Interpretation:</u> A device should be allowed to Initiate an I-Have request when a corresponding Who-Has request is received while message initiation is disabled from a DeviceCommunicationControl service request with DISABLE_INITIATION.

Question: Is this Interpretation correct?

Answer: Yes

<u>Comments:</u> A device may initiate an I-Have request when a corresponding Who-Has request is received while message initiation is disabled from a DeviceCommunication service request with DISABLE_INITIATION. This scenario was an omission that will be corrected with an erratum.