INTERPRETATION IC 135-2020-17 OF 
ANSI/ASHRAE STANDARD 135-2020 BACnet® - 
A Data Communication Protocol for Building 
Automation and Control Networks

Approval Date: April 19, 2023

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 K.3.2, BIBB - Scheduling-Internal-B (SCHED-I-B) and the requirements of the Exception_Schedule property.

Background: Clause K.3.2 explicitly defines the specific requirements for writability of Weekly_Schedule, List_Of_Object_Property_Reference, and Priority_For_Writing properties but does not require the Exception_Schedule property be writable. No other Scheduling BIBB requires the Exception_Schedule be writable.

No BIBB allows a device to contain a writable Weekly_Schedule and non-writable Exception_Schedule. SCHED-R-B require non-writable Weekly_Schedule and Exception_Schedule properties. SCHED-WS-I-B require a writable Weekly_Schedule and the Exception_Schedule property cannot be present.

Since Revision 4 of the Schedule object, many of the SCHED-I-B tests require a writable Exception_Schedule to perform the tests.

Interpretation: A device that contains a Schedule object with a non-writable Exception_Schedule property cannot claim the SCHED-I-B BIBB.

Question: Is this Interpretation correct?

Answer: Yes

Comments: In this context "…shall support a non-empty Exception_Schedule…” implies writability.