INTERPRETATION IC 135-2004-18 OF
ANSI/ASHRAE STANDARD 135-2004 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks

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Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 135-2004, Sections.12.25.9.

Background: Section 12.25.9 in BACnet standard 135-2004 defines that the property Log_Interval must be writable if present. The same clause also defines, that Trend Log shall issue COV subscriptions for the referenced property, if Log_Interval has a value of zero. The standard is not specific about changing Log_Interval between any non-zero value and zero. This however would result in toggling between polling the referenced property and issuing COV subscriptions for the referenced property.

Interpretation: We do not assume that it is the intention of the standard to change between polling and COV subscribed logging during one logging session, i.e. while Log_Enable is TRUE. Therefore our interpretation is, that while Log_Enable is true, writing zero to Log_Interval that was non-zero prior to the write attempt or writing any non zero value to Log_Interval that had a value of zero prior to the write attempt may be refused with a negative response with Error class PROPERTY and Error code VALUE_OUT_OF_RANGE.

Question: Is this interpretation correct?

Answer: No

Comments: It was never the intent of the committee to restrict the switching between poll and COV data acquisition while Log_Enable is TRUE for Trend Logs that support COV data acquisition.