

**INTERPRETATION IC 135-2004-11 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, Section 12.25.14, Log_Buffer, and Section 15.7.3.1.2, List of Property References.

Background: A ReadPropertyMultiple service request may include the property identifiers ALL and REQUIRED (Section 15.7.3.1.2). The property identifier ALL means that all properties from the specified object shall be included in the response. The property identifier REQUIRED means that all properties of the specified object having a conformance code of “R” or “W” shall be included in the response. However, the specification of the Log_Buffer property of the Trend Log object (Section 12.25.14) states that the buffer is only accessible using the ReadRange service. Note that the Log_Buffer property has conformance code “R” in the Trend Log object (see Table 12-29).

Interpretation: The value of the Log_Buffer property of the Trend Log object shall not be returned in the response to a ReadPropertyMultiple request. If the property identifiers ALL or REQUIRED are present in the ReadPropertyMultiple request then the Log_Buffer property shall not appear in the corresponding part of the response.

Question: Is this interpretation correct?

Answer: No.

Comments: When answering a request for the property ALL or REQUIRED, a device has the option to either include the Log_Buffer property in the response with the error class of PROPERTY and an error code READ_ACCESS_DENIED or the device may choose to not include the Log_Buffer property in the response at all.