

**INTERPRETATION IC 135-2016-14 OF
ANSI/ASHRAE STANDARD 135-2016 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks**

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Request from: Carl Neilson, BACnet International, 61 Seagirt Road, East Sooke, BCV9Z 1A3, V9Z 1A3.

Reference: This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 135-2016, Clause 13.15.1.1.6, regarding the ‘COV Increment’ parameter of the SubscribeCOVProperty service.

Background: The description of the COV Increment parameter of the SubscribeCOVProperty service is ambiguous.

13.15.1.1.6 COV Increment

This parameter, of type REAL, shall specify the minimum change in the monitored property that will cause a COVNotification to be issued to subscriber COV-clients. This parameter is ignored if the datatype of the monitored property is not numeric. If the monitored property is Present_Value, its datatype is numeric, this parameter is not present, and the monitored object has a COV_Increment property, then the COV increment to use is taken from the COV_Increment property of the monitored object. *Otherwise, the COV increment is a local matter.* The intent is to allow the subscriber to use a previously established COV increment from another subscription or to allow use of the COV_Increment property in the monitored object.

It is unclear whether the sentence above which has been italicized, is providing the alternative to the sentence immediately before it, or to the collection of sentences that precede it.

If it is interpreted as being an alternative to the sentence immediately before it, it would seem to allow implementations to ignore the COV Increment parameter.

In contrast, if it is providing an alternative to all of the preceding sentences, then the parameter cannot be ignored when present and the monitored value is numeric.

Interpretation: The COV Increment parameter, when present, shall be used as the COV Increment whenever the monitored property is numeric.

Question: Is this Interpretation correct?

Answer: Yes.