**INTERPRETATION IC 135-2004-3 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 12.25.5, Log_Enable, and Section 12.25.12, Stop_When_Full.

Background: The specification of the Stop_When_Full property (Section 12.25.12) requires setting the Log_Enable property to FALSE when the log buffer becomes full. However, setting Log_Enable to FALSE requires an entry in the log buffer (Section 12.25.5). Making this required entry causes the oldest entry to be lost, which does not seem to be consistent with the intent of this feature.

Interpretation: The specification requires deletion of the oldest record from the log as a side effect of logging the automatic disabling when the log becomes full.

Question: Is this interpretation correct?

Answer: No.

Comments: Logging should cease when there is room for one final entry in the log, at which point Log_Enabled shall be set to FALSE and a record of that change shall be recorded as the final entry. It is intended that disabling of the log be recorded without affecting prior logged entries.