

**INTERPRETATION IC 135-2008-7 OF  
ANSI/ASHRAE STANDARD 135-2008 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 135-2008, Clauses 5.4 and 5.4.5.3, relating to the CannotSendSegmentedComplexACK for the AWAIT\_RESPONSE.

**Background:** In the AWAIT\_RESPONSE state of the server Application TSM, the CannotSendSegmentedComplexACK transition describes the conditions under which a device should abort a request based on the size of the response. In Section 5.4.5.3 Conditions (c) & (d) require knowledge of the total number of segments that will be required for the response.

In Paragraph 5 of Clause 5.4, the standard describes an implementation approach whereby the segmentation is handled by the application program, and thus the total number of segments required is not necessarily known by the Application TSM.

**Interpretation:** The existence of Conditions (c) & (d) in Clause 5.4.5.3 do not constitute a requirement that an implementation know the total size of a response before the initial segment of the response is transmitted. The conditions are only provided for those implementations that do know the total size of the response at this point in time.

**Question:** Is this interpretation correct?

**Answer:** Yes.