**INTERPRETATION IC 135-2004-26 OF
ANSI/ASHRAE STANDARD 135-2004 BACnet® -
A Data Communication Protocol for Building
Automation and Control Networks**

Approval Date: September 17, 2008

**Request from:**  Carl Neilson (cneilson@deltacontrols.com), Delta Controls, 17850 56th Ave, Surrey, BC V3S 1C7.

**Reference:**  This request for interpretation refers to the requirements presented in ANSI/ASHRAE Standard 135-2004, Section 13.11.1.1.5 regarding Priority Filter.

**Background:**  The Priority Filter parameter is documented as providing:

"… a means of restricting the summary to only those event-initiating objects that can generate event notifications with a Priority as specified by this parameter."

Event-initiating objects in BACnet can generate notifications with 3 differenct priorities (to-normal, to-fault, to-offnormal).

The ability of an object to generate a notification with any one of those priorities can be affected by the algorithm (i.e. BUFFER_READY only issues to-normal and to-fault notifications) and by the Event_Enable and Limit_Enable properties. This results in the question of what it means to be able to generate a notification with a given priority. Does it simply mean that the object is related to a Notification Class object with at least one priority that matches the Priority Filter? Or does it mean that the object capable to generate a notification, based on the algorithm, Event_Enable and Limit_Enable properties, and is related to a Notification Class object with at least one priority that matches the Priority Filter?

There is also the concept of whether the object is fully configured or not. For example, an Event Enrollment object with an Object_Property_Reference that contains the wildcard instance (4194303) is not referencing an object and is thus not able to generate notifications. This is but one example of how an event-initiating object might be configured such that it would be incapable of generating notifications.

**Interpretation:**  An event-initiating object matches the Priority Filter if it is related to a Notification Class object with at least one priority that matches the Priority Filter regardless of whether the object is fully configured and regardless of the values contained in its Limit_Enable, Event_Enable or any other property.

**Question:**  Is this interpretation correct?

**Answer:**  Yes.

**Comments:**  It should be noted that the other filters are also not affected by these conditions.