

BACnet Errata
Addendum *bd* to ANSI/ASHRAE STANDARD 135-2016
A Data Communication Protocol for Building Automation and Control Networks

February 1, 2020

This document lists all known errata to Addendum *bd* to ANSI/ASHRAE 135-2016 as of the above date. Each entry is cited first by clause, then page number, except where an erratum covers more than one clause. The addendum as published is 135_2016_bd_20200201.pdf.

Changes to fix the erratum are highlighted in gray. In these areas, text that is to be removed from the addendum is provided for reference but is shown in ~~double-strikeout~~, and text that is to be added is shown with double underlines. This notation allows changes to the addendum to be indicated while preserving the traditional meaning of *italics* and ~~single-strikeout~~ to indicate changes to the standard.

1) Add missing sections to the Value Source mechanism to support the Staging Value object.

[Add new Clause 19.2.8]

19.2.8 Prioritization for Staged Value Objects

Staged Value objects may need to interact with objects that have a commandable property, even though, in general, they will not use BACnet services to do so. Each Staged Value object has a Priority_For_Writing property that designates the appropriate priority of this staged value with respect to the commandable property. See Clause 12.X.15.

[Modify Clause 19.5.1.4]

19.5.1.4 Last_Command_Time

Last_Command_Time indicates the time at which the Present_Value, Current_Command_Priority, or Value_Source last changed due to a command or write of Present_Value. The Last_Command_Time is not updated when Value_Source is written directly. *The Last_Command_Time shall only be present in commandable objects that contain the Priority_Array property. It shall not be present in commandable objects without Priority_Arrays or that pass-through priority such as Channel objects.*

Note that when Present_Value changes due to a relinquish command, the Last_Command_Time indicates the time at which the relinquish command was received and not the earlier time at which the now current priority command was provided.

[Add new Clause 19.5.1.5]

19.5.1.5 Command_Time_Array

The Command_Time_Array property records the Last_Command_Time for each incoming priority write. The Command_Time_Array shall only be present in commandable objects that contain the Priority_Array property. It shall not be present in commandable objects without Priority_Arrays or that pass-through priority such as Channel objects.