

**INTERPRETATION IC 135-2010-2 OF
ANSI/ASHRAE STANDARD 135-2010 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 135-2010 clauses 12.25.5 (Trend Log Object Type, Enable property) and 12.25.14 (Trend Log Object Type, Log_Buffer property). This interpretation request also applies to the corresponding property clauses of the Event Log Object Type (12.27.8, 12.27.13) and the Trend Log Multiple Object Type (12.30.8, 12.30.19)

Background: In Clause 12.25.5, last sentence of first paragraph, the language for log-status is: 'Log_Buffer records of type log-status are recorded without regard to the value of the Enable property.'

In Clause 12.25.14 the language for the log-status LOG_INTERRUPTED flag is: 'This flag indicates that the collection of records by the Trend Log object was interrupted by a power failure, device reset, object reconfiguration or other such disruption, such that samples prior to this record might have been missed.'

The language for the LOG_INTERRUPTED flag indicates that logging was active ('collection of records ... interrupted') if a log-status record with the LOG_INTERRUPTED flag set was recorded. But the language in 12.25.5 requires that log-status records are recorded independent of the value of the Enable property, i.e. independent of collection of records is active or not.

Interpretation: After having logged a log-disabled status, there is never a log-interrupted record logged, as long as the log is disabled.

Question: Is this interpretation correct?

Answer: Yes.

Comments: Yes, it is correct that a log-interrupted status is never logged after the log has been disabled and a log disabled status has been logged. There are cases where a log interruption is detected and the log is disabled at the same time, so a log-status record may be logged where both LOG_INTERRUPTED and LOG_DISABLED are set.