

Clarification Request

References: BTL-CR-0046 Commandability Test

Question:

We are working on an outputs override board for another BACnet controller actually in development. The override board has switches and potentiometer to “physically” override the actual state of the output (transistor will override the DAC value sent to the output pins). There is no way for the firmware to change the value of the output by any way provided by the output object.

Marketing and product department want to have the override switch value in the present value of the output object. Our plan is to set the “OVERRIDDEN” bit of the status flags and to write the value of the override switch into priority 1 since it is a physical override.

Do you see any problem (non-respect of the standard) with our plan?

When “OVERRIDDEN” do we still need to maintain the priority array? If not needed, then we can discard any value of the priority array and only update the present value and there is no need to use any priority of the priority table.

Response:

We will forward this to the SSPC for an official Interpretation Request.