

Clarification Request

References: “e.g” 135-2020 Section 13.1 Change of Value Reporting and Table 13-1

Date of BTL-WG Response: February 18, 2021

☒ All Actions Necessitated have been Completed

Background:

SubscribeCOV subscribes to an object and does not specify a property in the service. Table 13-1 describes what property should trigger the COVNotification for each object and includes the expected properties reported.

Example from Table 13-1:

Object Type	Criteria	Properties Reported
Binary Input	If Present_Value changes at all or Status_Flags changes at all	Present_Value, Status_Flags

Section 8.2 from BTL Specified Tests specifies the properties required in the List of Values parameter in the test steps. Example from 8.2.1 we see this:

3. BEFORE Notification Fail Time

RECEIVE ConfirmedCOVNotification-Request,

'Subscriber Process Identifier' = (the same value used in step 1),

'Initiating Device Identifier' = IUT,

'Monitored Object Identifier' = X,

'Time Remaining' = (any value appropriate for the Lifetime selected),

'List of Values' = (the initial Present_Value and initial Status_Flags)

Problem:

We have come across a device in the field that is returning additional properties in the 'List of Values' parameter for this service.

Question:

1) When using SubscribeCOV, Is the standard saying (in Table 13-1) these are the only properties allowed for the standard objects listed? Or is it saying this is the minimum set of properties required?

2) What is the proper behavior if we receive a ConfirmedCOVNotification with the **listOfValues** properties containing more than the list of properties mentioned in table 13-1?

Response:

1) **These are the only properties allowed.**

2) **The standard does not describe how a device should behave when it receives a ConfirmedCOVNotification containing extra property values.**