

## Clarification Request

**References:** “SubscribeCOVProperty Service execution “

**Date of BTL-WG Response:** 25-Apr-2019

☒ All Actions Necessitated have been Completed

### Background:

#### 13.15 SubscribeCOVProperty Service

The SubscribeCOVProperty service is used by a COV-client to subscribe for the receipt of notifications of changes that may occur to the properties of a particular object. Any object may optionally support COV reporting. If a standard object provides COV reporting, then changes of value of subscribed-to properties of the object, in some cases based on programmable increments, trigger COV notifications to be sent to one or more subscriber clients. Typically, COV notifications are sent to supervisory programs in BACnet client devices or to operators or logging devices.

##### 13.15.1.1.6 COV Increment

This parameter, of type REAL, shall specify the minimum change in the monitored property that will cause a COVNotification to be issued to subscriber COV-clients. This parameter is ignored if the datatype of the monitored property is not numeric. If the monitored property is Present\_Value, its datatype is numeric, this parameter is not present, and the monitored object has a COV\_Increment property, then the COV increment to use is taken from the COV\_Increment property of the monitored object. Otherwise, the COV increment is a local matter. The intent is to allow the subscriber to use a previously established COV increment from another subscription or to allow use of the COV\_Increment property in the monitored object.

### Problem:

For subscribeCOVproperty service procedure, we are using the “COV increment” value of the monitored object in case of monitored property is numeric. In every case, whether COV increment present or absent, IUT responded with Simple ACK and value is taken from monitor object i.e. We accept service “COV Increments” parameter value and change it with an internal object value. In addition, same COV increment value (COV increment value of monitor object) will be available in “Active\_COV\_Subscriptions”.COV .

### Question:

1. Can we neglect “COV Increment” argument value while subscribing the numeric property?
2. Should following instruction acceptable by BTL?

*“For subscribeCOVproperty service procedure, we are using the “COV increment” value of the monitored object in case of monitored property is numeric. In every case, whether COV increment present or absent, IUT responded with Simple ACK and value is taken from monitor object i.e. We accept service “COV Increments” parameter value and change it with an internal object value. In addition, same COV increment value (COV increment value of monitor object) will be available in “Active\_COV\_Subscriptions”.COV . “*

### Response:

**1) No. SSPC has ruled by Interpretation Request that ignoring COV increment for numeric properties is not allowed.**

**2) No**