

### Clarification Request

**References:** BTL Specified Tests: BTL 7.1.X3 Verifying Property\_List against the EPICS

**Date of BTL-WG Response:** 14-Sept-2017

☒ All actions necessitated have been completed

**Background:**

The first step in this test, as currently written, cannot be executed (or will cause a failure) for devices that cannot return the full Object\_List because it is larger than the supported APDU size.

**Test Steps:**

1. READ OL = Object\_List
2. REPEAT (O1, each object in the content of OL)
3. READ PL = Property\_List, in the selected object instance O1
4. CHECK (that the property identifiers in the EPICS for O1 and those in the Property\_List property match, except as specified in Notes to Tester)

Notes to Tester: Object\_Name (77), Object\_Type (79), Object\_Identifier (75), and Property\_List (371) will appear in the EPICS, but shall not appear in the Property\_List value. Any proprietary properties that are supported for the object-type shall be in the Property\_List. (see BACnet 15.7.3.1.2). The order in which property identifiers appear in the EPICS, is not required to match the order that they appear in the Property\_List value.

**Problem:**

My device returns an Abort message (Segmentation-not-supported) at Step 1. Although it is clear what the intent of the test is, Step 1 suggests that the object list must be obtained with a single 'Read'.

**Question:**

- 1) Is it acceptable to obtain the object\_list from the EPICS?
- 2) Is it acceptable to obtain the object\_list by index using RP or RPM?
- 3) Does the test need to be modified?

**Response:**

- 1) No.
- 2) Yes.
- 3) Yes.

The notes to tester will be modified to indicate that the object list should be read element by element if the whole object list cannot be read in one request.