

## Clarification Request

**References:** 135.1.-2009 and BTL Specified Tests-9.0.final

**Date of BTL-WG Response:** \_March 1, 2012

### Background / Proposed Solution:

135.1.-2009 and BTL Specified Tests-9.0.final contain the following tests. Test 9.20.1.6 allows Error Codes to equal either UNKNOWN\_OBJECT or UNSUPPORTED\_OBJECT\_TYPE while 9.18.2.3 only allows UNKNOWN\_OBJECT.

#### 9.18.2.3 Reading an Unknown Object

Purpose: To verify that the IUT can execute ReadProperty service requests under circumstances where the requested object does not exist.

Test Concept: The TD attempts to read a property that is not defined for the specified object.

Test Steps:

1. TRANSMIT ReadProperty-Request,  
    'Object Identifier' = (any standard object not contained in the IUT's database),  
    'Property Identifier' = (any property defined for the specified object)
2. RECEIVE BACnet-Error-PDU,  
    Error Class = OBJECT,  
    Error Code = (UNKNOWN\_OBJECT|UNSUPPORTED\_OBJECT\_TYPE)

#### 9.20.1.6 Reading Multiple Properties with Multiple Embedded Access Errors

Reason For Change: The BTL decided that, depending on the parameters of the test, the IUT could also return UNSUPPORTED\_OBJECT\_TYPE for properties in Object 2. This test is not in any SSPC proposal.

Purpose: To verify the ability to correctly execute a ReadPropertyMultiple service request for which the 'List of Read Access Specifications' contains specifications for multiple unsupported properties.

Test Steps:

1. TRANSMIT ReadPropertyMultiple-Request,  
    'Object Identifier' = Object1,  
    'Property Identifier' = P1,  
    'Property Identifier' = P2,  
    'Property Identifier' = (any property, P3, not supported in this object),

'Property Identifier' = (any property, P4, not supported in this object),  
 'Object Identifier' = (any object, Object2, not supported in the IUT)  
 'Property Identifier' = P5,  
 'Property Identifier' = P6  
 2. RECEIVE ReadPropertyMultiple-ACK,  
     'Object Identifier' = Object1,  
     'Property Identifier' = P1,  
     'Property Value' = (the value of P1 specified in the EPICS),  
     'Property Identifier' = P2,  
     'Property Value' = (the value of P2 specified in the EPICS),  
     'Property Identifier' = P3,  
     'Error Class' = PROPERTY,  
     'Error Code' = UNKNOWN\_PROPERTY,  
     'Property Identifier' = P4,  
     'Error Class' = PROPERTY,  
     'Error Code' = UNKNOWN\_PROPERTY,  
     'Object Identifier' = Object2,  
     'Property Identifier' = P5,  
     'Error Class' = OBJECT,  
     'Error Code' =  
     (UNKNOWN\_OBJECT|UNSUPPORTED\_OBJECT\_TYPE),  
     'Property Identifier' = P6,  
     'Error Class' = OBJECT,  
     'Error Code' =  
     (UNKNOWN\_OBJECT|UNSUPPORTED\_OBJECT\_TYPE)

**Question:**

Should the above revised 9.18.2.3 test be accepted?

**Response:**

Yes.