



# **BACnet<sup>®</sup> TESTING LABORATORIES ADDENDA**

## **Addendum misc1 to BTL Test Package 18.1**

**Revision 3  
Revised 10/8/2021**

Approved by the BTL Working Group on September 16, 2021  
Approved by the BTL Working Group Voting Members on October 12, 2021  
Published on October 22, 2021

**[This foreword and the “Overview” on the following pages are not part of this Test Package. They are merely informative and do not contain requirements necessary for conformance to the Test Package.]**

**FOREWORD**

The purpose of this addendum is to present current changes being made to the BTL Test Package. These modifications are the result of change proposals made pursuant to the continuous maintenance procedures and of deliberations within the BTL-WG Committee. The changes are summarized below.

BTL-18.1-misc1-1: Virtual Datalinks [BTLWG-995].....2

BTL-18.1-misc1-2: DS-LO-B and DS-BLO-B [BTLWG-1167] .....3

In the following document, language to be added to existing clauses within the BTL Test Package 18.1 is indicated through the use of *italics*, while deletions are indicated by ~~striketrough~~. Where entirely new subclauses are proposed to be added, plain type is used throughout

In contrast, changes to BTL Specified Tests also contain a **yellow** highlight to indicate the changes made by this addendum. When this addendum is applied, all highlighting will be removed. Change markings on tests will remain to indicate the difference between the new test and an existing 135.1 test. If a test being modified has never existed in 135.1, the applied result should not contain any change markings. When this is the case, square brackets will be used to describe the changes required for this test.

Each addendum can stand independently unless specifically noted via dependency within the addendum. If multiple addenda change the same test or section, each future released addendum that changes the same test or section will note in square brackets whether or not those changes are reflected.

## BTL-18.1-misc1-1: Virtual Datalinks [BTLWG-995]

### Overview:

The current test plan requires a Checklist for virtual devices but does not allow the specification of a virtual data link.

### Changes:

## Checklist Changes

[Add new Data Link section into the Checklist]

Data Link Layer - Virtual		
	R <sup>1</sup>	Base Requirements
<sup>1</sup> Contact BTL for interim tests for this BIBB		

## Test Plan Changes

[In the Interim Test Document, add ...]

[In BTL Test Plan, add new Data Link section]

## 9.11 Data Link Layer - Virtual Network

### 9.11.1 Base Requirements

Base requirements must be met by any IUT that is a router to a virtual network or is a virtual BACnet device.

VERIFY EPICS		
	<b>Test Conditionality</b>	If the device claims Protocol_Revision 16 or lower, this test shall be skipped.
	<b>Test Directives</b>	Verify that the device contains a Network Port object with a Network_Type of VIRTUAL.
	<b>Testing Hints</b>	

**BTL-18.1-misc1-2: DS-LO-B and DS-BLO-B [BTLWG-1167]****Overview:**

There is currently no content for the DS-LO-B and DS-BLO-B in the Test Plan.

**Changes:**


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**BTL Checklist Changes**


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[Modify DS-LO-B in the BTL Checklist]

Data Sharing - Lighting Output - B		
	R <sup>+</sup>	Base Requirements
<sup>+</sup> Contact BTL for interim tests for this BIBB.		

[Modify DS-BLO-B in the BTL Checklist]

Data Sharing - Binary Lighting Output - B		
	R <sup>+</sup>	Base Requirements
<sup>+</sup> Contact BTL for interim tests for this BIBB.		

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**BTL Test Plan Changes**


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[ Modify section 4.46 Data Sharing - Lighting Output - B section]

**4.46 Data Sharing - Lighting Output - B****4.46.1 Base Requirements**

~~Contact BTL for interim tests for this BIBB.~~

Base requirements must be met by any IUT claiming conformance to this BIBB.

Verify Checklist		
	Test Conditionality	Must be executed.
	Test Directives	Verify that the IUT claims support for the Lighting Output object type.
	Testing Hints	
Verify EPICS		
	Test Conditionality	Must be executed.
	Test Directives	Verify that the IUT claims support for DS-WP-B.
	Testing Hints	

[ Modify section 4.47 Data Sharing - Binary Lighting Output - B section]

**4.47 Data Sharing - Binary Lighting Output - B****4.47.1 Base Requirements**

~~Contact BTL for interim tests for this BIBB.~~

Base requirements must be met by any IUT claiming conformance to this BIBB.

Verify Checklist		
	Test Conditionality	Must be executed.
	Test Directives	Verify that the IUT claims support for the Binary Lighting Output object type.

	<b>Testing Hints</b>	
<b>Verify EPICS</b>		
	<b>Test Conditionality</b>	Must be executed.
	<b>Test Directives</b>	Verify that the IUT claims support for DS-WP-B.
	<b>Testing Hints</b>	

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## Test Changes

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None