IO-Link Device AOI Test Report

**Date of Test: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name of Test Engineer: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Product Description of Tested Product: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Product Firmware Rev: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**PLC used to Test Product: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Version of StudioLogix used to Test Product: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Name of AOI File Tested: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Version of AOI File Tested: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Test Notes:**

**Test Passed: Yes / No**

**Test Plan**

* Drag over IO-Link Device AOI from Catalog to Project
* Verify AOI Version matches Rev file and Revision Notes from txt file in github.
* Verify AOI Description matches txt file in github.
* Create tag instances of AOI
* Configure port of device
* Copy Common Data tag
* Download project to PLC
* Verify the Wrong or Missing Device is not on
* Disconnect Device and verify missing device is on
* Connect incorrect device and verify missing device stays on
* Reconnect correct device and verify missing devices goes off

**Process Data Testing**

* Plug in TBIL-M1-16DXP
* Turn on Output 1A in AOI, verify Output 1A physically on
* Input 1A is on in AOI
* Turn on Output 8B in AOI, verify Output 8B turns on physically
* Input 8B on in AOI
* Turn on 4B and 5A on in AOI
* Verify both on Physically as well as Inputs in AOI
* Unplug 16DXP, plug in each Hub available in turn and verify the correct hub is identified as well as the correct corresponding IO is controlled. For input only devices connect a sensor to the first and last Input. Check each hub tested successfully on the next page.
  + TBIL-M1-16DXP
  + TBIL-M1-16DXP-B
  + TBIL-M1-16DIP
  + TBIL-M1-8DOP
  + TBIL-L4-16DXP-AUX
  + TBIL-L5-16DXP-AUX
  + TBIL-LL-16DXP-AUX
  + TBIL-S3-8DIP
  + TBIL-S4-8DIP
  + TBIL-S3-8DXP
  + TBIL-S4-8DXP
  + FIL20-16DXP
  + FIL20-8DXP