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SLC Testing Certification

Date **5/16/2017**

S/N# **FLBBCDSLC-4729**

Low temperature test #1

Chill 2.5 hr at -20 °C

High temperature test #1

 Verify operation post-testing

Heat 2.5 hr at 50 °C

Low temperature test #2

 same protocol as #1

High temperature test #2

 same protocol as #1

Vacuum test

< 0.1" Hg change in 10 min.

Pressure test

5 cycles, 0–1250 m with 10-sec. soaks

Held at 1250 m for 2 hrs. on last cycle

Electrical isolation

Resistance between copper faceplate and grounding wire is > 1 mΩ

Calibration verification

Verify calibration and dark counts in bb, chl, and CDOM channels

Verify 5% of single point check for chl and bb

Verify 10% of single point check for CDOM

Signature William Jason Rowe/Ann Gaidos-Morgan

NOTES: