

Device ID: 19002 Eng ID: 102.IN.0008 Scanned:

NEPTUNE Canada (MTC) Instrument Functional Test RevD

3.3.1 Identification

Manufacturer: U. OF WASHINGTON, OCEAN ENGINEERING SERVICES

Model Number: BARS

Serial Number: 002

3.3.2 Status

Active Receiving - passed Incoming Inspection - passed

3.3.3 Vendor Acceptance Test

Contact Name: MARVIN LILLEY Number: 206.525.5060 Called:

Email Address: LILLEY@U.WASHINGTON.EDU Emailed:

Question:

Immersion Required? No Yes Why:

3.3.4 Initial Test Set-up

Firmware: Ver 1.2 2010-07-21.

Power and Comms OK Problem: Spontaneously quit to measure (random)

Data Format OK Problem:

Sensors/ Options: RESISTIVITY, TEMPERATURE, pH, HYDROGEN, BATTERY VOLTAGE

3.3.5 Electrical Test (type test)

Test Voltage: 15.0 Voltage Range: 13-30 Max Voltage: 30.0

Inrush Current: WAIVED NR Peak Current: 85mA Nominal Current: 50mA

Quiescent Current: 33mA Waveforms saved WAIVED NR

3.3.6 Comms Test OK

Serial Device: EIA- 422 Baud Rate: 9600 Parity: N

Data bits: 8 Stop bit: 1 Flow control: none UART FIFO:

Ethernet Device: IP Address: N/A Subnet Mask:

Gateway: Remote IP config

3.3.7 Isolation Test (Wet Test)

Operation while immersed Insulation resistance value: >1M

3.3.8 Final Test

JB#: Test JB port#: J2 Cable Ass'y: 1051748-1

'Ground Fault' value: OPEN Nominal current: -0.06 → 1.32 (brief)

'Tick' value: 1012 'Tick' value: 4 → 38 (brief)

2010.08.31 (yyyy.mm.dd)

Completion noted in DMAS

date

signature R. Riddell

FAIL