



Sea-Bird Electronics, Inc. FAX: (425) 643-9954

1808 136th Place NE, Bellevue, Washington 98005 USA Tel: (425) 643-9866

Website: <http://www.seabird.com>

Email: seabird@seabird.com

Service Report

SBE Job Number: 36318

Date: August 3, 2004

Customer: US Department of Commerce, NOAA

Customer Identified Problem:

1. Calibrate SBE 3 temperature sensors, S/N 031609 and 031701.
2. Calibrate SBE 4 conductivity sensors, S/N 041346 and 041374.

Problems Found:

1. SBE 3 temperature sensor, S/N 031609.
The 3-pin connector was found to have corrosion damage.
The sensors anode ring was found to have reached the end of its life expectancy.
2. SBE 3 temperature sensor, S/N 031701.
The sensors anode ring was found to have reached the end of its life expectancy.
3. SBE 4 conductivity sensors, S/N 041346 and 041374.
The sensors anode rings were found to have reached the end of its life expectancy.

Services Performed:

1. Calibrations performed on SBE 3 temperature sensor, S/N 031609.
Post calibrated the sensor.
Replaced the 3-pin connector.
Replaced the main piston "O"-Rings.
Performed hydrostatic pressure test.
Replaced the sensors Anode ring.
Recalibrated the sensor.
Performed full diagnostic evaluation.
2. Calibrations performed on SBE 3 temperature sensors S/N 031701.
Post calibrated the sensor.
Replaced the sensors Anode ring.
3. Calibrations performed on SBE 4 conductivity sensors, S/N 041346 and 041374.
Post calibrated the sensors.
Replaced the sensors Anode rings.