



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: 27794R

Date: 27 December 2001

Customer: US Department of Commerce, NOAA

Customer Identified Problem:

1. Verify operation of SBE 4 conductivity sensor, S/N 041374.
2. Verify operation of SBE 9Plus, S/N 09P10779-0363
3. Verify operation of SBE 11 Deck Unit, S/N 11P8531-0349.

Problems Found:

1. SBE 4 conductivity sensor, S/N 041374.
The sensor was found to have minor water damage.
The source of the water was a salt bridge on the main piston "O"-Ring.
2. SBE 11 Deck Unit, S/N 11P8531-0349
The Sea-Cable was found to be disconnected inside the Deck Unit (J1).

Services Performed:

1. Services performed on SBE 4 conductivity sensor, S/N 041374.
Cleaned and tested the electronic board set.
Replaced the main piston "O"-Ring.
Recalibrated the sensor.
Performed full diagnostic evaluation.
2. Services performed on SBE 9Plus, S/N 09P10779-0363
Performed full diagnostic evaluation, there were no problems found.
3. Services performed on SBE 11 Deck Unit, S/N 11P8531-0349.
Reconnected the Sea-Cable.
Performed full diagnostic evaluation.