



SEA-BIRD ELECTRONICS, INC.

13431 NE 20th St. Bellevue, Washington 98005 USA

Phone: (425) 643-9866 Fax: (425) 643-9954 www.seabird.com

Service
Report

RMA Number	59745
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Customer Information:

Company	US Department of Commerce, NOAA	Date	6/8/2010
Contact	Carlos Fonseca		
PO Number	TBD		

Serial Number	03P5171
Model Number	SBE 03Plus

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.

Problems Found:

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Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature sensor.

Special Notes:

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RMA Number	59745
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Customer Information:

Company	US Department of Commerce, NOAA	Date	6/8/2010
Contact	Carlos Fonseca		
PO Number	TBD		

Serial Number	041346
Model Number	SBE 04-02/0

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.

Problems Found:

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Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.

Special Notes:

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RMA Number	59745
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Customer Information:

Company	US Department of Commerce, NOAA	Date	6/8/2010
Contact	Carlos Fonseca		
PO Number	TBD		

Serial Number	041374
Model Number	SBE 04-02/0

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.

Problems Found:

1. The conductivity cell was found cracked by the center electrode.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.
3. Replaced the conductivity cell.
4. Performed internal inspection and O-ring replacement.
5. Performed hydrostatic pressure test.
6. Performed "Final" calibration of the conductivity sensor.

Special Notes:

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Service
Report

RMA Number	59745
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Customer Information:

Company	US Department of Commerce, NOAA	Date	6/8/2010
Contact	Carlos Fonseca		
PO Number	TBD		

Serial Number	041387
Model Number	SBE 04-02/0

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.

Problems Found:

1. The SBE 4 was found to be partially flooded and requires a new connector
2. Corrosion damage was found on the O-Ring seating surface of the housing.
3. The electronic board set was found to have corrosion damage.
4. There was a problem found with one of the electrodes on the cell when trying to C&P.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Installed NEW electronic board set.
3. Installed NEW 6800 meter housing.
4. Installed NEW three pin bulkhead connector(s).
5. Replaced the conductivity cell.
6. Performed internal inspection and O-ring replacement.
7. Performed hydrostatic pressure test.
8. Performed "Final" calibration of the conductivity sensor.

Special Notes:

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