



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	61048
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Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
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Contact	Ulises Rivero
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PO Number	Credit Card
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Serial Number	031609
Model Number	SBE 03-02/F

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

61048

Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
Contact	Ulises Rivero		
PO Number	Credit Card		

Serial Number	031692
Model Number	SBE 03-02/F

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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Service
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RMA Number

61048

Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
Contact	Ulises Rivero		
PO Number	Credit Card		

Serial Number	041335
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

61048

Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
Contact	Ulises Rivero		
PO Number	Credit Card		

Serial Number	041347
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	61048
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Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
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Contact	Ulises Rivero
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PO Number	Credit Card
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Serial Number	051028
Model Number	SBE 05T

Services Requested:

1. Evaluate/Repair Instrumentation.

Problems Found:

1. The main housing was found to have a manufacturing defect.

Services Performed:

1. Performed initial diagnostic evaluation. 2. Installed NEW SBE 5T housing. * 3. Performed internal inspection and O-ring and thrust washer replacements. 4. Performed hydrostatic pressure test.

Special Notes:

* The housing was replaced at no charge.
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RMA Number	61048
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Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
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Contact	Ulises Rivero
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PO Number	Credit Card
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Serial Number	051072
Model Number	SBE 05T

Services Requested:

1. Evaluate/Repair Instrumentation.

Problems Found:

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Services Performed:

1. Performed initial diagnostic evaluation. 2. Performed internal inspection and O-ring and thrust washer replacements. 3. Performed hydrostatic pressure test.

Special Notes:

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RMA Number	61048
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Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
Contact	Ulises Rivero		
PO Number	Credit Card		

Serial Number	051211
Model Number	SBE 05T

Services Requested:

1. Evaluate/Repair Instrumentation.

Problems Found:

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed internal inspection and O-ring and thrust washer replacements.
3. Performed hydrostatic pressure test.

Special Notes:



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Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
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Contact	Ulises Rivero
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PO Number	Credit Card
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Serial Number	430140
Model Number	SBE 43

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 oxygen sensor.
3. Performed full diagnostic evaluation.

Special Notes:

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Service
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RMA Number

61048

Customer Information:

Company	US Department of Commerce, NOAA	Date	9/14/2010
Contact	Ulises Rivero		
PO Number	Credit Card		

Serial Number	430154
Model Number	SBE 43

Services Requested:

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

Problems Found:

1. A lid failure was found.
2. The spar O-ring groove was too shallow.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the oxygen sensor.
3. Replaced the SBE 43 SPAR sub assembly. *
4. Installed NEW board mounted battery. *
5. Performed internal inspection and O-ring replacement. *
6. Performed hydrostatic pressure test. *
7. Performed "Final" calibration of the oxygen sensor.
8. Backfiled the pressure compensation bag with saline solution. *
9. Performed full diagnostic evaluation.

Special Notes:

* These services have been performed at no charge.