



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

78180

Customer Information:

Company US Department of Commerce, NOAA **Date** 3/6/2014

Contact Grant Rawson

PO Number TBD

Serial Number 03P5140

Model Number SBE 03Plus

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

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

78180

Customer Information:

Company US Department of Commerce, NOAA **Date** 3/6/2014

Contact Grant Rawson

PO Number TBD

Serial Number 03P5171

Model Number SBE 03Plus

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

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

78180

Customer Information:

Company US Department of Commerce, NOAA **Date** 3/6/2014

Contact Grant Rawson

PO Number TBD

Serial Number 03P5237

Model Number SBE 03P

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

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

78180

Customer Information:

Company US Department of Commerce, NOAA **Date** 3/6/2014

Contact Grant Rawson

PO Number TBD

Serial Number 043854

Model Number SBE 04C

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

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

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Customer Information:

Company US Department of Commerce, NOAA **Date** 3/6/2014

Contact Grant Rawson

PO Number TBD

Serial Number 043861

Model Number SBE 04C

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

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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Service
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RMA Number

78180

Customer Information:

Company	US Department of Commerce, NOAA	Date	3/6/2014
Contact	Grant Rawson		
PO Number	TBD		

Serial Number	431266
Model Number	SBE 43

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

Problems Found:

1. Noisy temperature data found due to a bad thermistor.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the oxygen sensor.
2. Replaced the lid and membrane assembly (0.5 mil). *
3. Replaced the electrolyte with new fluid. *
4. Replaced the SBE 43 SPAR sub assembly. *
5. Installed NEW board mounted battery. *
7. Performed internal inspection and O-ring replacement. *
8. Performed hydrostatic pressure test. *
9. Performed "Final" calibration of the oxygen sensor.
10. Performed full diagnostic evaluation.

Special Notes:

* These services were performed at no charge.



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RMA Number

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Customer Information:

Company	US Department of Commerce, NOAA	Date	3/6/2014
Contact	Grant Rawson		
PO Number	TBD		

Serial Number	431348
Model Number	SBE 43



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Customer Information:

Company	US Department of Commerce, NOAA	Date	3/6/2014
Contact	Grant Rawson		
PO Number	TBD		

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

Problems Found:

1. Cracked spar glass.

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. Replaced the SBE 43 Getter sub assembly. *
5. Installed NEW board mounted battery. *
6. Replaced the lid and membrane assembly (0.5 mil). *
7. Replaced the electrolyte with new fluid. *
8. Performed internal inspection and O-ring replacement.
9. Performed hydrostatic pressure test. *
10. Performed "Final" calibration of the oxygen sensor.
11. Performed full diagnostic evaluation.

Special Notes:

* These services were performed at no charge.



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Service
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RMA Number

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Customer Information:

Company US Department of Commerce, NOAA **Date** 3/6/2014

Contact Grant Rawson

PO Number TBD

Serial Number 432082

Model Number SBE 43

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

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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Customer Information:

Company US Department of Commerce, NOAA **Date** 3/6/2014

Contact Grant Rawson

PO Number TBD

Serial Number 432085

Model Number SBF 43

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Install new dummy plug.

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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