



# SEA-BIRD ELECTRONICS, INC.

13431 NE 20th St. Bellevue, Washington 98005 USA

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

<b>Service</b>
<b>Report</b>

**RMA Number**

87858

### Customer Information:

**Company** US Department of Commerce, NOAA **Date** 1/4/2016

**Contact** Ulises Rivero

**PO Number** Contact Ulises

**Serial Number** 03P5348

**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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<b>Report</b>

**RMA Number**

87858

### Customer Information:

**Company** US Department of Commerce, NOAA **Date** 1/4/2016

**Contact** Ulises Rivero

**PO Number** Contact Ulises

**Serial Number** 03P5889

**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**

87858

### Customer Information:

**Company** US Department of Commerce, NOAA **Date** 1/4/2016

**Contact** Ulises Rivero

**PO Number** Contact Ulises

**Serial Number** 03P5898

**Model Number** SBE 03

### 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**

87858

### Customer Information:

<b>Company</b>	US Department of Commerce, NOAA	<b>Date</b>	1/4/2016
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<b>Contact</b>	Ulises Rivero
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<b>PO Number</b>	Contact Ulises
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<b>Serial Number</b>	043657
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<b>Model Number</b>	SBE 04C
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### 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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<b>Service</b>
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**RMA Number**

87858

### Customer Information:

**Company** US Department of Commerce, NOAA **Date** 1/4/2016

**Contact** Ulises Rivero

**PO Number** Contact Ulises

**Serial Number** 043861

**Model Number** SBE 04C

### 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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<b>Report</b>

**RMA Number**

87858

### Customer Information:

<b>Company</b>	US Department of Commerce, NOAA	<b>Date</b>	1/4/2016
<b>Contact</b>	Ulises Rivero		
<b>PO Number</b>	Contact Ulises		

<b>Serial Number</b>	430730
<b>Model Number</b>	SBE 43

### Services Requested:

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

### Problems Found:

1. The resolution was lower than expected.

### Services Performed:

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

### Special Notes:

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<b>Service</b>
<b>Report</b>

**RMA Number**

87858

### Customer Information:

<b>Company</b>	US Department of Commerce, NOAA	<b>Date</b>	1/4/2016
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<b>Contact</b>	Ulises Rivero
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<b>PO Number</b>	Contact Ulises
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<b>Serial Number</b>	432082
<b>Model Number</b>	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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<b>Service</b>
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**RMA Number**

**87858**

### Customer Information:

<b>Company</b>	US Department of Commerce, NOAA	<b>Date</b>	1/4/2016
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<b>Contact</b>	Ulises Rivero
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<b>PO Number</b>	Contact Ulises
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<b>Serial Number</b>	432085
<b>Model Number</b>	SBE 43

### Services Requested:

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

### Problems Found:

1. Sensor appears to be leaking electrolyte from the purge screw.

### Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the oxygen sensor.
3. Replaced the lid and membrane assembly (0.5 mil).
4. Replaced the electrolyte with new fluid.
5. Performed "Final" calibration of the oxygen sensor.
6. Performed full diagnostic evaluation.

### Special Notes:

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**RMA Number**

87858

### Customer Information:

**Company** US Department of Commerce, NOAA **Date** 1/4/2016

**Contact** Ulises Rivero

**PO Number** Contact Ulises

**Serial Number** 432691

**Model Number** SBE 43

### Services Requested:

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

### Problems Found:

### Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the oxygen sensor.
3. Performed full diagnostic evaluation.

### Special Notes: