



# SEA-BIRD ELECTRONICS, INC.

1808 - 136th Place Northeast, Bellevue, Washington 98005 USA

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

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

**RMA Number**

55396

### Customer Information:

<b>Company</b>	Oregon State University	<b>Date</b>	8/25/2009
<b>Contact</b>	Dave O Gorman		
<b>PO Number</b>	S1180A		

<b>Serial Number</b>	032490
<b>Model Number</b>	SBE 03Slow

### 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>Company</b>	Oregon State University	<b>Date</b>	8/25/2009
<b>Contact</b>	Dave O Gorman		
<b>PO Number</b>	S1180A		

<b>Serial Number</b>	032548
<b>Model Number</b>	SBE 03Slow

### 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>Company</b>	Oregon State University	<b>Date</b>	8/25/2009
<b>Contact</b>	Dave O Gorman		
<b>PO Number</b>	S1180A		

<b>Serial Number</b>	431232
<b>Model Number</b>	SBE 43

### Services Requested:

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

### Problems Found:

1. Sensor had drifted out of spec. (Spec for drift is < 1% per month).

### 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. Backfiled the pressure compensation bag with saline solution. \*
7. Performed full diagnostic evaluation.

### Special Notes:

\* These services have been performed at no charge.