



# SEA-BIRD ELECTRONICS, INC.

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

**RMA Number**

72770

### Customer Information:

**Company** Oregon State University **Date** 2/27/2013

**Contact** Dave O Gorman

**PO Number** S1472A

**Serial Number** 431232

**Model Number** SBE 43

### Services Requested:

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

### Problems Found:

1. Slow dry tau response found.  
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. Performed hydrostatic pressure test.
6. Performed "Final" calibration of the oxygen sensor.
7. Performed full diagnostic evaluation.

### Special Notes:

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