



# 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**

47955

### Customer Information:

<b>Company</b>	Oregon State University	<b>Date</b>	9/13/2007
<b>Contact</b>	Ricardo Letelier		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	032421
<b>Model Number</b>	SBE 03Plus

### Services Requested:

1. Perform Routine Calibration Service.
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### 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>Contact</b>	Ricardo Letelier		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	042049
<b>Model Number</b>	SBE 04

### Services Requested:

1. Perform Routine Calibration Service.
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### Problems Found:

1. The conductivity cell was found to require cleaning and re-platinization.
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### Services Performed:

1. Performed initial diagnostic evaluation. 2. Performed "Post Cruise" calibration of the conductivity sensor. 3. Cleaned and replatinized the conductivity cell. 4. Performed internal inspection and O-ring replacement. 5. Performed hydrostatic pressure test. 6. Performed "Final" calibration of the conductivity sensor.
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### Special Notes:

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<b>Contact</b>	Ricardo Letelier		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	051614
<b>Model Number</b>	SBE 05T

### Services Requested:

1. Evaluate/Repair Instrumentation.
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### Problems Found:

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### Services Performed:

1. Performed initial diagnostic evaluation. 2. Performed internal inspection and O-ring replacement. 3. Performed hydrostatic pressure test. 4. Replaced the pump impeller thrust washers.
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### Special Notes:

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<b>Contact</b>	Ricardo Letelier		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	051980
<b>Model Number</b>	SBE 05T

### Services Requested:

1. Evaluate/Repair Instrumentation.
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### Problems Found:

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### Services Performed:

1. Performed initial diagnostic evaluation. 2. Performed internal inspection and O-ring replacement. 3. Performed hydrostatic pressure test. 4. Replaced the pump impeller thrust washers.
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### Special Notes:

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<b>RMA Number</b>	47955
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<b>Contact</b>	Ricardo Letelier		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	051988
<b>Model Number</b>	SBE 05T

### Services Requested:

1. Evaluate/Repair Instrumentation.
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### Problems Found:

1. The impeller shaft was found to be broken off in the housing.
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### Services Performed:

1. Performed initial diagnostic evaluation. 2. Installed NEW SBE 5T housing. 3. Performed internal inspection and O-ring replacement. 4. Performed hydrostatic pressure test. 5. Replaced the pump impeller thrust washers.
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### Special Notes:

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47955

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<b>Contact</b>	Ricardo Letelier		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	290350
<b>Model Number</b>	SBE 29

### Services Requested:

1. Perform Routine Calibration Service.
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### Problems Found:

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### Services Performed:

1. Performed initial diagnostic evaluation. 2. Calibrated the pressure sensor.
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### Special Notes:

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