



# 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**

**83020**

## Customer Information:

<b>Company</b>	Pacific Marine Environmental Lab	<b>Date</b>	2/26/2015
<b>Contact</b>	David Strausz		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	164208-0653
<b>Model Number</b>	SBE 16-03

## Services Requested:

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

## Problems Found:

1. The conductivity cell was found to require cleaning and re-platinization.
2. A screw was found to be broken off and is stuck in the cell and wasn't able to be removed.
3. Temp probe was found to be bent.

## Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Replaced the temperature probe.
4. Replaced the conductivity cell.
5. Performed internal inspection and O-ring replacement.
6. Performed hydrostatic pressure test.
7. Calibrated the pressure sensor.
8. Performed "Final" calibration of the temperature & conductivity sensors.
9. Performed complete system check and full diagnostic evaluation.

## Special Notes:

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**83020**

## Customer Information:

**Company** Pacific Marine Environmental Lab **Date** 2/26/2015

**Contact** David Strausz

**PO Number** TBD

**Serial Number** 16P60427-6628

**Model Number** SBE 16Plus

## Services Requested:

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

## Problems Found:

## Services Performed:

1. Performed initial diagnostic evaluation.
2. Upgraded firmware to most current revision (see special notes).\*
3. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
4. Performed complete system check and full diagnostic evaluation.

## Special Notes:

\* Version 2.5.2.



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## Customer Information:

<b>Company</b>	Pacific Marine Environmental Lab	<b>Date</b>	2/26/2015
<b>Contact</b>	David Strausz		
<b>PO Number</b>	TBD		

<b>Serial Number</b>	37SM28082-2332
<b>Model Number</b>	SBE 37SM

## Services Requested:

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

## Problems Found:

1. The anti-foulant devices appeared "dirty".
2. The conductivity cell was found to require cleaning and re-platinization.

## Services Performed:

1. Performed initial diagnostic evaluation.
2. Calibrated the pressure sensor.
3. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
4. Cleaned and replatinized the conductivity cell.
5. Performed "Final" calibration of the temperature & conductivity sensors.
6. Installed NEW AF24173 Anti-foulant cylinder.
7. Performed complete system check and full diagnostic evaluation.

## Special Notes:

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