



# SEA-BIRD ELECTRONICS, INC.

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

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

**Service**

**Report**

**RMA Number**

52844

## Customer Information:

|                  |                                          |             |          |
|------------------|------------------------------------------|-------------|----------|
| <b>Company</b>   | Monterey Bay Aquarium Research Institute | <b>Date</b> | 1/9/2009 |
| <b>Contact</b>   | Paul Coenen                              |             |          |
| <b>PO Number</b> | TBD                                      |             |          |

|                      |                |
|----------------------|----------------|
| <b>Serial Number</b> | 37SM26805-2003 |
| <b>Model Number</b>  | SBE 37SM       |

## Services Requested:

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

## Problems Found:

1. The conductivity cell was found to require cleaning and re-platinization.
2. The battery pylon retaining threads were found to be stripped.

## 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. Cleaned and replatinized the conductivity cell.
5. Installed NEW four pin board set pylon assembly. \*
6. Performed internal inspection and O-ring replacement. \*
7. Performed hydrostatic pressure test. \*
8. Performed "Final" calibration of the temperature & conductivity sensors.
9. Installed NEW AF24173 Anti-foulant cylinder(s).
10. Performed complete system check and full diagnostic evaluation.

## Special Notes:

- \* Performed at no additional charge.
- \*\* Puck firmware version 1.0



# SEA-BIRD ELECTRONICS, INC.

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

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

**Service**

**Report**

**RMA Number**

52844

## Customer Information:

|                  |                                          |             |          |
|------------------|------------------------------------------|-------------|----------|
| <b>Company</b>   | Monterey Bay Aquarium Research Institute | <b>Date</b> | 1/9/2009 |
| <b>Contact</b>   | Paul Coenen                              |             |          |
| <b>PO Number</b> | TBD                                      |             |          |

|                      |                 |
|----------------------|-----------------|
| <b>Serial Number</b> | 37SMP35635-3318 |
| <b>Model Number</b>  | SBE 37SMP       |

## Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace 4-pin connector.

## Problems Found:

1. The 4-pin connector was found to have a missing pin.
2. The conductivity cell was found to require cleaning and re-platinization.

## Services Performed:

1. Performed initial diagnostic evaluation.
2. Installed NEW four pin wet-pluggable bulkhead connector(s).
3. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
4. Calibrated the pressure sensor.
5. Cleaned and replatinized the conductivity cell.
6. Performed internal inspection and O-ring replacement. \*
7. Performed hydrostatic pressure test. \*
8. Performed "Final" calibration of the temperature & conductivity sensors.
9. Installed NEW AF24173 Anti-foulant cylinder(s).
10. Performed complete system check and full diagnostic evaluation.

## Special Notes:

\* These services were performed at no charge.