



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

68564

Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0811

Model Number SBE 37IM

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. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
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 temperature & conductivity sensors.
7. Installed NEW AF24173 Anti-foulant cylinder(s).
8. Performed complete system check and full diagnostic evaluation.

Special Notes:

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Service

Report

RMA Number

68564

Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0812

Model Number SBE 37IM

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Installed NEW AF24173 Anti-foulant cylinder(s).
6. Performed complete system check and full diagnostic evaluation.

Special Notes:

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RMA Number

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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0813

Model Number SBE 37IM

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Installed NEW AF24173 Anti-foulant cylinder(s).
6. Performed complete system check and full diagnostic evaluation.

Special Notes:



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RMA Number

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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0815

Model Number SBE 37IM

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Installed NEW AF24173 Anti-foulant cylinder(s).
6. Performed complete system check and full diagnostic evaluation.

Special Notes:

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Service

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RMA Number

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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0816

Model Number SBE 37IM

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Calibrated the pressure sensor.
6. Installed NEW AF24173 Anti-foulant cylinder(s).
7. Performed complete system check and full diagnostic evaluation.

Special Notes:



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RMA Number

68564

Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0817

Model Number SBE 37IM

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Calibrated the pressure sensor.
6. Installed NEW AF24173 Anti-foulant cylinder(s).
7. Performed complete system check and full diagnostic evaluation.

Special Notes:



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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0826

Model Number SBE 37IM

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Calibrated the pressure sensor.
6. Installed NEW AF24173 Anti-foulant cylinder(s).
7. Performed complete system check and full diagnostic evaluation.

Special Notes:



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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0827

Model Number SBE 37IM

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Installed NEW AF24173 Anti-foulant cylinder(s).
6. Calibrated the pressure sensor.
7. Performed complete system check and full diagnostic evaluation.

Special Notes:



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RMA Number

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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37SM26805-2003

Model Number SBE 37SM

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.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
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 temperature & conductivity sensors.
7. Replace SBE 37 Modular MICROCAT Anti-Foul receptical
8. Installed NEW AF24173 Anti-foulant cylinder(s).
9. Performed complete system check and full diagnostic evaluation.

Special Notes:

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Report

RMA Number

68564

Customer Information:

Company	Monterey Bay Aquarium Research Institute	Date	5/21/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37SMP36916-3777
Model Number	SBE 37SMP

Services Requested:

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

Problems Found:

1. Due to customer's reported problems with instrument we will be replacing the battery pack as a precaution at no charge.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Downloaded customers stored data.
3. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
4. Installed retrofit battery holder for use with 12ea 3.6v AA lithium batteries.
5. Performed internal inspection and O-ring replacement.
6. Performed hydrostatic pressure test.
7. Calibrated the pressure sensor.
8. Installed NEW AF24173 Anti-foulant cylinder(s).
9. Performed complete system check and full diagnostic evaluation.

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RMA Number

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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/21/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37SMP41595-4254

Model Number SBE 37SMP

Services Requested:

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

Problems Found:

1. The anti-foulant devices appeared "dirty".

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Performed internal inspection and O-ring replacement.
4. Performed hydrostatic pressure test.
5. Installed NEW AF24173 Anti-foulant cylinder(s).
6. Performed complete system check and full diagnostic evaluation.

Special Notes: