



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

68574

Customer Information:

Company	Monterey Bay Aquarium Research Institute	Date	5/4/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37IM20000-0819
Model Number	SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

1. Covered in anti-foulant paint.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Calibrated the pressure sensor.
4. Performed internal inspection and O-ring replacement.
5. Performed hydrostatic pressure test.
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

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Customer Information:

Company	Monterey Bay Aquarium Research Institute	Date	5/4/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37IM20000-0822
Model Number	SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

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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** 5/4/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0823

Model Number SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

1. Covered in anti-foulant paint.

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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Customer Information:

Company	Monterey Bay Aquarium Research Institute	Date	5/4/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37IM20000-0824
Model Number	SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

1. Covered in anti-foulant paint.

Services Performed:

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

Special Notes:



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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/4/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM20000-0825

Model Number SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

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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Customer Information:

Company	Monterey Bay Aquarium Research Institute	Date	5/4/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37IM21734-1242
Model Number	SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

1. Covered in anti-foulant paint.

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	5/4/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37IM21734-1244
Model Number	SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

1. Covered in anti-foulant paint.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature & conductivity sensors.
3. Calibrated the pressure sensor.
4. Performed internal inspection and O-ring replacement.
5. Performed hydrostatic pressure test.
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** 5/4/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37IM21734-1245

Model Number SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

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	5/4/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37IM21734-1246
Model Number	SBE 37IM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

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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

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Customer Information:

Company Monterey Bay Aquarium Research Institute **Date** 5/4/2012

Contact Jared Figurski

PO Number TBD

Serial Number 37SM34515-3423

Model Number SBE 37SM

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

1. Covered in anti-foulant paint.
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 "Final" calibration of the temperature & conductivity sensors.
5. Performed internal inspection and O-ring replacement.
6. Performed hydrostatic pressure test.
7. Installed NEW AF24173 Anti-foulant cylinder(s).
8. Performed complete system check and full diagnostic evaluation.

Special Notes:



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Customer Information:

Company	Monterey Bay Aquarium Research Institute	Date	5/4/2012
Contact	Jared Figurski		
PO Number	TBD		

Serial Number	37SMP41725-4590
Model Number	SBE 37SMP

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.
3. Replace Antifoulant Device(s).

Problems Found:

1. The four pin bulkhead connector was damaged at Sea-Bird.

Services Performed:

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

Special Notes:

The bulkhead connector was replaced at no charge.