



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

77326

Customer Information:

Company	Oregon State University	Date	3/25/2014
Contact	Johna Winters		
PO Number	TBD		

Serial Number	031367
Model Number	SBE 03-02/F

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s).
3. Perform Routine Calibration Service.

Problems Found:

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Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature sensor.
3. Installed NEW three pin wet-pluggable bulkhead connector(s).
4. Performed internal inspection and O-ring replacement.
5. Performed hydrostatic pressure test.
6. Performed "Final" calibration of the temperature sensor.

Special Notes:

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RMA Number

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Customer Information:

Company	Oregon State University	Date	3/25/2014
Contact	Johna Winters		
PO Number	TBD		

Serial Number	032633
Model Number	SBE 03F

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s).
3. Perform Routine Calibration Service.

Problems Found:

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Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature sensor.
3. Installed NEW three pin wet-pluggable bulkhead connector(s).
4. Performed internal inspection and O-ring replacement.
5. Performed hydrostatic pressure test.
6. Performed "Final" calibration of the temperature sensor.

Special Notes:

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Customer Information:

Company	Oregon State University	Date	3/25/2014
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Contact	Johna Winters
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PO Number	TBD
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Serial Number	041029
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Model Number	SBE 04
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Services Requested:

1. Evaluate/Repair Instrumentation.
2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s).
3. Perform Routine Calibration Service.

Problems Found:

1. Penetrator on cell was found to have corrosion damage.
2. Corrosion damage on O-ring seating surface by penetrator.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.
3. Replaced the conductivity cell. *
4. Installed NEW SBE 4 Conductivity sensor end cap. *
5. Installed NEW three pin wet-pluggable bulkhead connector(s).
6. Performed internal inspection and O-ring replacement.
7. Performed hydrostatic pressure test.
8. Performed "Final" calibration of the conductivity sensor.

Special Notes:

* These services were performed at no charge, found after customer was already quoted.



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RMA Number

77326

Customer Information:

Company	Oregon State University	Date	3/25/2014
Contact	Johna Winters		
PO Number	TBD		

Serial Number	041030
Model Number	SBE 04-02/0

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s).
3. Perform Routine Calibration Service.

Problems Found:

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Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.
3. Installed NEW three pin wet-pluggable bulkhead connector(s).
4. Performed internal inspection and O-ring replacement.
5. Performed hydrostatic pressure test.
6. Performed "Final" calibration of the conductivity sensor.

Special Notes:

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RMA Number

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Customer Information:

Company	Oregon State University	Date	3/25/2014
Contact	Johna Winters		
PO Number	TBD		

Serial Number	041898
Model Number	SBE 04C

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s).
3. Perform Routine Calibration Service.

Problems Found:

1. The conductivity cell was found to have been cracked at the end cap side of the cell. *

Services Performed:

1. Performed initial diagnostic evaluation.

Special Notes:

* Customer declined services.



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Service
Report

RMA Number

77326

Customer Information:

Company	Oregon State University	Date	3/25/2014
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Contact	Johna Winters
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PO Number	TBD
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Serial Number	3212395-0089
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Model Number	SBE 32
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Services Requested:

1. Evaluate/Repair Instrumentation.
2. Replace standard impulse connector(s) with NEW wet-pluggable connector(s).

Problems Found:

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Services Performed:

0. Performed internal inspection and O-ring replacement.
1. Performed initial diagnostic evaluation.
2. Installed NEW six pin wet-pluggable bulkhead connector(s).
3. Installed NEW Heat treated actuator magnet(s), includes all required hardware and "O"-Rings
4. Installed NEW SBE 32 insulator.
5. Performed hydrostatic pressure test.
6. Replaced anode(s).
7. Performed complete system check and full diagnostic evaluation.

Special Notes:

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