



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

77173

Customer Information:

Company Oregon State University **Date** 3/6/2014

Contact Johna Winters

PO Number S1544A

Serial Number 051347

Model Number SBE 05T

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:

1. Performed initial diagnostic evaluation.
2. Installed NEW two pin wet-pluggable bulkhead connector(s).
3. Performed internal inspection and O-ring and thrust washer replacements.
4. Performed hydrostatic pressure test.

Special Notes:

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RMA Number

77173

Customer Information:

Company Oregon State University **Date** 3/6/2014

Contact Johna Winters

PO Number S1544A

Serial Number 051800

Model Number SBE 05T

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:

1. Performed initial diagnostic evaluation.
2. Installed NEW two pin wet-pluggable bulkhead connector(s).
3. Performed internal inspection and O-ring and thrust washer replacements.
4. Performed hydrostatic pressure test.

Special Notes:

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Service
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RMA Number

77173

Customer Information:

Company	Oregon State University	Date	3/6/2014
Contact	Johna Winters		
PO Number	S1544A		

Serial Number	053374
Model Number	SBE 05T

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:

1. Performed initial diagnostic evaluation.
2. Installed NEW two pin wet-pluggable bulkhead connector(s).
3. Performed internal inspection and O-ring and thrust washer replacements.
4. Performed hydrostatic pressure test.

Special Notes:

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Service
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RMA Number

77173

Customer Information:

Company Oregon State University **Date** 3/6/2014

Contact Johna Winters

PO Number S1544A

Serial Number 430463

Model Number SBF 43

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 oxygen sensor.
3. Installed NEW four 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 oxygen sensor.
7. Performed full diagnostic evaluation.

Special Notes:

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Service
Report

RMA Number

77173

Customer Information:

Company Oregon State University

Date 3/6/2014

Contact Johna Winters

PO Number S1544A

Serial Number 431232

Model Number SBE 43

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 membrane was punctured or torn.
An anode assembly failure was found.
Customer requested wet-pluggable connector upgrade.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Replaced the SBE 43 Anode sub assembly. *
3. Replaced the lid and membrane assembly (0.5 mil). *
4. Replaced the electrolyte with new fluid. *
5. Installed NEW board mounted battery. *
6. Installed NEW four pin wet-pluggable bulkhead connector(s).
7. Performed internal inspection and O-ring replacement.
8. Performed hydrostatic pressure test.
9. Performed "Final" calibration of the oxygen sensor.
10. Performed full diagnostic evaluation.

Special Notes:

* These services were performed at no charge.