



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	56533
-------------------	-------

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	031366
Model Number	SBE 03-01/F

Services Requested:

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

Problems Found:

1. Anode ring has reached end of life.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature sensor.
3. Installed NEW zinc anode ring.

Special Notes:

--



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	56533
-------------------	-------

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	031371
Model Number	SBE 03-02/F

Services Requested:

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

Problems Found:

1. Anode ring has reached end of life.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the temperature sensor.
3. Installed NEW zinc anode ring.

Special Notes:

--



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

56533

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	040497
Model Number	SBE 04-01/0

Services Requested:

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

Problems Found:

--

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.

Special Notes:

--



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

56533

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	040670
Model Number	SBE 04-01/0

Services Requested:

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

Problems Found:

--

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.

Special Notes:

--



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

56533

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	041018
Model Number	SBE 04-01/0

Services Requested:

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

Problems Found:

--

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.

Special Notes:

--



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

56533

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	041030
Model Number	SBE 04-02/0

Services Requested:

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

Problems Found:

--

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.

Special Notes:

--



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	56533
-------------------	-------

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	041041
Model Number	SBE 04-02/0

Services Requested:

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

Problems Found:

1. Anode was found to be at end of life.
2. Cell was found to be cracked by the center electrode.

Services Performed:

1. Performed initial diagnostic evaluation.

Special Notes:

We were unable to perform a "Post Cruise" calibration of this sensor.
No repairs have been performed on this sensor.
This sensor has been returned "AS-IS".
We do not recommend deployment of this sensor until it has been repaired.



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	56533
-------------------	-------

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	041054
Model Number	SBE 04-02/0

Services Requested:

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

Problems Found:

1. Cell was found to be cracked by the penetrator end of the cell.
2. Anode has reached end of life.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.

Special Notes:

No repairs have been performed on this sensor.
This sensor has been returned "AS-IS".
We do not recommend deployment of this sensor until it has been repaired.



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

56533

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	041070
Model Number	SBE 04-01/0

Services Requested:

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

Problems Found:

--

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.

Special Notes:

--



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

56533

Customer Information:

Company	Oregon State University	Date	11/30/2009
Contact	Dave O Gorman		
PO Number	S1180A		

Serial Number	041898
Model Number	SBE 04C

Services Requested:

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

Problems Found:

1. Anode was found to be at end of life.

Services Performed:

1. Performed initial diagnostic evaluation.
2. Performed "Post Cruise" calibration of the conductivity sensor.
3. Installed NEW zinc anode ring.

Special Notes:

--