



Sea-Bird Electronics, Inc.
 13431 NE 20th Street
 Bellevue, WA 98005 United States

Phone +1-425-643-9866

www.seabird.com

SERVICE REPORT

Service Request
Date
Sales Order

1005513865
 22-SEP-2021
 316567703

CUSTOMER INFORMATION

Name: NOAA - ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LAB
 Account : 40279759

PO Number:
 PO NUMBER: to be generated when quote is received(Univ of Miami)

GRANT RAWSON
 GRANT.RAWSON@NOAA.GOV
 (305) 361-4363

Bill To Address
 4301 RICKENBACKER CAUSEWAY
 MIAMI,FL,33149,US

Ship To Address
 4301 RICKENBACKER CAUSEWAY
 MIAMI,FL,33149,US

DUE TO THE LOCAL COVID-19 ISSUES ONLY DIGITAL COPIES WILL BE PROVIDED.

PRODUCT INFORMATION

Item: 43.LEGACY
Item Description: (LEGACY) SBE 43 Oxygen Sensor
Serial: 43-2948

Special Notes

Services Requested:
 CAL_43
 CUSTOMER NOTES: 2942, 2948 have pressure dependent offset could be membrane?

Problems Found:

Air in the electrolyte after pressure testing.

Services Performed:

Perform initial diagnostic evaluation.
 Performed "POST" cruise calibration.
 Replaced the lid and membrane assembly (0.5 mil).
 Replaced the electrolyte with new fluid.
 Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_43	SBE 43 dissolved oxygen sensor calibration	1

Unbilled Items

Item	Item Description	Qty
801576	SBE43 LID & MEMBRANE SUB-ASSY, .5MIL MEMBRANE	1



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PRODUCT INFORMATION

Item: 43.LEGACY

Item Description: (LEGACY) SBE 43 Oxygen Sensor

Serial: 432040

Special Notes

Services Requested:

CAL_43

Problems Found:

The data was found to be incorrect.

Services Performed:

Perform initial diagnostic evaluation.

Replaced the SBE 43 Anode sub assembly.

Replaced the SBE 43 Getter sub assembly.

Replaced the lid and membrane assembly (0.5 mil).

Replaced the electrolyte with new fluid.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_43	SBE 43 dissolved oxygen sensor calibration	1

Unbilled Items

Item	Item Description	Qty
801576	SBE43 LID & MEMBRANE SUB-ASSY, .5MIL MEMBRANE	1
801230	SBE43 ANODE SUB-ASSEMBLY / DWG 41092	1
801229	SBE43 GETTER SUB-ASSEMBLY / DWG 41091	1



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PRODUCT INFORMATION

Item: 43.LEGACY

Item Description: (LEGACY) SBE 43 Oxygen Sensor

Serial: 43-2942

Special Notes

Services Requested:

CAL_43

CUSTOMER NOTES: 2942, 2948 have pressure dependent offset could be membrane?

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_43	SBE 43 dissolved oxygen sensor calibration	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 43.LEGACY

Item Description: (LEGACY) SBE 43 Oxygen Sensor

Serial: 431348

Special Notes

Services Requested:

CAL_43

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_43	SBE 43 dissolved oxygen sensor calibration	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 43.LEGACY

Item Description: (LEGACY) SBE 43 Oxygen Sensor

Serial: 432082

Special Notes

Services Requested:

CAL_43

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_43	SBE 43 dissolved oxygen sensor calibration	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 43.LEGACY
Item Description: (LEGACY) SBE 43 Oxygen Sensor
Serial: 432083

Special Notes

Services Requested:
 CAL_43

Services Performed:
 Perform initial diagnostic evaluation.
 Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_43	SBE 43 dissolved oxygen sensor calibration	1

Unbilled Items

Item	Item Description	Qty



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SERVICE REPORT

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PRODUCT INFORMATION

Item: 03P.210

Item Description: SBE3PLUS TEMP, GE PROBE, 6800M, XSG

Serial: 03-6243

Special Notes

Services Requested:

CAL_3

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1

Unbilled Items

Item	Item Description	Qty



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SERVICE REPORT

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PRODUCT INFORMATION

Item: 03P.210

Item Description: SBE3PLUS TEMP, GE PROBE, 6800M, XSG

Serial: 03-5348

Special Notes

Services Requested:

CAL_3

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 03P.LEGACY

Item Description: (LEGACY) SBE 03Plus Temperature Sensor

Serial: 03P5855

Special Notes

Services Requested:

CAL_3

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 04C.210

Item Description: SBE4C COND SENSOR V2, 6800M, XSG, SCOTCHCAST

Serial: 04-4709

Special Notes

Services Requested:

CAL_4C

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_4C	SBE 4C Conductivity Calibration for CTD sensors (includes 6-point 35 PSU post deployment cal., and C&P with 6-point 35 PSU re-cal, if necessary)	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 04C.210

Item Description: SBE4C COND SENSOR V2, 6800M, XSG, SCOTCHCAST

Serial: 044229

Special Notes

Services Requested:

CAL_4C

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_4C	SBE 4C Conductivity Calibration for CTD sensors (includes 6-point 35 PSU post deployment cal., and C&P with 6-point 35 PSU re-cal, if necessary)	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 04C.210

Item Description: SBE4C COND SENSOR V2, 6800M, XSG, SCOTCHCAST

Serial: 044223

Special Notes

Services Requested:

CAL_4C

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_4C	SBE 4C Conductivity Calibration for CTD sensors (includes 6-point 35 PSU post deployment cal., and C&P with 6-point 35 PSU re-cal, if necessary)	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 04C.210

Item Description: SBE4C COND SENSOR V2, 6800M, XSG, SCOTCHCAST

Serial: 044222

Special Notes

Services Requested:

CAL_4C

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_4C	SBE 4C Conductivity Calibration for CTD sensors (includes 6-point 35 PSU post deployment cal., and C&P with 6-point 35 PSU re-cal, if necessary)	1

Unbilled Items

Item	Item Description	Qty



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PRODUCT INFORMATION

Item: 03P.LEGACY

Item Description: (LEGACY) SBE 03Plus Temperature Sensor

Serial: 03P5237

Special Notes

Services Requested:

CAL_3

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1

Unbilled Items

Item	Item Description	Qty