



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

Phone

+1-425-643-9866

www.seabird.com

**1005515771**

23-JUN-2022

320188545

## SERVICE REPORT

**Service Request**

**Date**

**Sales Order**

## CUSTOMER INFORMATION

Name: NOAA - ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LAB

PO Number:

Account : 40279759

GRANT RAWSON

GRANT.RAWSON@NOAA.GOV

(305) 361-4363

### Bill To Address

NOAA - ATLANTIC OCEANOGRAPHIC AND  
METEOROLOGICAL LAB  
4301 RICKENBACKER CAUSEWAY  
MIAMI,FL,33149,US

### Ship To Address

NOAA - ATLANTIC OCEANOGRAPHIC AND  
METEOROLOGICAL LAB  
4301 RICKENBACKER CAUSEWAY  
MIAMI,FL,33149,US

## PRODUCT INFORMATION

**Item:** 43.LEGACY

**Item Description:** (LEGACY) SBE 43 Oxygen Sensor

**Serial:** 430730

### Special Notes

Services Requested:

CAL\_43

CONCERT/S

Problems Found:

No problems found.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
CAL_43	SBE 43 dissolved oxygen sensor calibration	1



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### Unbilled Items

Item	Item Description	Qty



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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

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
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:** 432085

### Special Notes

Services Requested:

CAL\_43

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
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:** 432712

### Special Notes

Services Requested:

CAL\_43

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
CAL_43	SBE 43 dissolved oxygen sensor calibration	1

### Unbilled Items

Item	Item Description	Qty



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## PRODUCT INFORMATION

**Item:** 04C.LEGACY

**Item Description:** (LEGACY) SBE 04C Conductivity Sensor

**Serial:** 041387

### Special Notes

Services Requested:

CAL\_4C

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
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.LEGACY

**Item Description:** (LEGACY) SBE 04C Conductivity Sensor

**Serial:** 041374

### Special Notes

Services Requested:

CAL\_4C

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
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:** 03F.LEGACY

**Item Description:** (LEGACY) SBE 03F Temperature Sensor

**Serial:** 031692

### Special Notes

Services Requested:

CAL\_3

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

### Unbilled Items

Item	Item Description	Qty





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## PRODUCT INFORMATION

**Item:** 03F.LEGACY

**Item Description:** (LEGACY) SBE 03F Temperature Sensor

**Serial:** 031701

### Special Notes

Services Requested:

CAL\_3

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

### Unbilled Items

Item	Item Description	Qty



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## PRODUCT INFORMATION

**Item:** 03F.LEGACY

**Item Description:** (LEGACY) SBE 03F Temperature Sensor

**Serial:** 031075

### Special Notes

Services Requested:

CAL\_3

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

### Unbilled Items

Item	Item Description	Qty



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## PRODUCT INFORMATION

**Item:** 03P.LEGACY

**Item Description:** (LEGACY) SBE 03Plus Temperature Sensor

**Serial:** 03P5140

### Special Notes

Services Requested:

CAL\_3

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_3	SBE 3 Temperature sensor calibration; 11 points -1 to 31deg.C	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

### Unbilled Items

Item	Item Description	Qty



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## PRODUCT INFORMATION

**Item:** 04C.LEGACY

**Item Description:** (LEGACY) SBE 04C Conductivity Sensor

**Serial:** 042973

### Special Notes

Services Requested:

CAL\_4C

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
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.LEGACY

**Item Description:** (LEGACY) SBE 04C Conductivity Sensor

**Serial:** 042980

### Special Notes

Services Requested:

CAL\_4C

CONCERT/S

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
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