



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
 Account : 40279759
 GRANT RAWSON
 GRANT.RAWSON@NOAA.GOV
 (305) 361-4363

PO Number:

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



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

Unbilled Items

Item	Item Description	Qty



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

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



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

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



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

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



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

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



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

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



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

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



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

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



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

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



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

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



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

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



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

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