

**Sea-Bird Electronics, Inc.**

13431 NE 20th Street
Bellevue, WA 98005 United States

Phone

+1-425-643-9866

www.seabird.com

(Do Not Send Payments To This Physical Address – See Remit to Information)

SERVICE REPORT**Service Request****1005519366****Date**

21-NOV-2023

Sales Order

320754520

CUSTOMER INFORMATION

Name: MBARI - MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

Account : 40279834

ERICH RIENECKER

ERICH@MBARI.ORG

831-775-1854

PO Number:

2310828

Bill To Address

MBARI - MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

ACCOUNTS PAYABLE

7700 SANDHOLDT RD.

MOSS LANDING, CA, 95039-9644, US

Ship To Address

MBARI - MONTEREY BAY AQUARIUM RESEARCH INSTITUTE

7700 SANDHOLDT ROAD

BUILDING A

MOSS LANDING, CA, 95039-9644, US

PRODUCT INFORMATION**Item:** 49.LEGACY**Item Description:** (LEGACY) SBE 49 FastCAT CTD**Serial:** 4945321-0088**Special Notes**

Services Requested:

PRESWAPS (7km)

SBS-SVC-49

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Upgraded the pressure sensor to 7000dBar pressure sensor.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed pressure calibration.

Performed a "Final" Calibration.

Item	Item Description	Qty
PRESWAPS	Extra charge to change SBE 29, SBE 49, or SBE 50 pressure sensor to different full scale range. Full calibration required.	1
SBS-SVC-49	Comprehensive service of SBE 49, including all minor and one major repair such as replacement of the temperature probe, conductivity cell, or non-Digiquartz pressure sensor.	1

Unbilled Items

Item	Item Description	Qty
24343	KISTLER, 7000 DBAR ABSOLUTE	1

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PRODUCT INFORMATION**Item:** 49.LEGACY**Item Description:** (LEGACY) SBE 49 FastCAT CTD**Serial:** 4930472-0037**Special Notes**

Services Requested:

SBS-SVC-49

Problems Found:

The conductivity cell was found to require cleaning and re-platinization.

Services Performed:

Perform initial diagnostic evaluation.

Performed pressure calibration.

Performed "POST" cruise calibration.

Cleaned and replatinized the conductivity cell.

Replaced the O-rings.

Performed a "Final" Calibration.

Item	Item Description	Qty
SBS-SVC-49	Comprehensive service of SBE 49, including all minor and one major repair such as replacement of the temperature probe, conductivity cell, or non-Digiquartz pressure sensor.	1

Unbilled Items

Item	Item Description	Qty

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PRODUCT INFORMATION**Item:** 49.2820**Item Description:** SBE49, 7000dBar, TI, MCBH**Serial:** 49-0448**Special Notes**

Services Requested:

SBS-SVC-49

Problems Found:

The temperature and conductivity were found to have excessive drift.

Services Performed:

Perform initial diagnostic evaluation.

Performed pressure calibration.

Performed "POST" cruise calibration.

Replaced the temperature probe.

Replaced the conductivity cell.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Item	Item Description	Qty
SBS-SVC-49	Comprehensive service of SBE 49, including all minor and one major repair such as replacement of the temperature probe, conductivity cell, or non-Digiquartz pressure sensor.	1

Unbilled Items

Item	Item Description	Qty
801336	SBE49 FASTCAT THERM.PROBE ASSEMBLY, SWAGED	1
801066.004	SBE41 ALACE CONDUCTIVITY CELL ASSEMBLY	1