



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

Phone

+1-425-643-9866

www.seabird.com

1005515687

10-JUN-2022

320173756

SERVICE REPORT

Service Request

Date

Sales Order

CUSTOMER INFORMATION

Name: NOAA PMEL - PACIFIC MARINE ENVIRO LAB

Account : 40279844

DAVID STRAUZ

DAVID.STRAUSZ@NOAA.GOV

206-526-4510

PO Number:

Bill To Address

NOAA PMEL - PACIFIC MARINE ENVIRO LAB
7600 SAND POINT WAY NE

SEATTLE,WA,98115-6349,US

Ship To Address

NOAA PMEL - PACIFIC MARINE ENVIRO LAB
SUPPLY CENTER / RECEIVING
7600 SAND POINT WAY NE, BLDG 8
SEATTLE,WA,98115,US

PRODUCT INFORMATION

Item: PRAWLER.14

Item Description: PRAWLER CTD, PLASTIC, 600DBAR

Serial: 709-0028

Special Notes

Services Requested:

CNCRTPRAWLER

CUSTOMER NOTES: This instrument had some issues on deployment. Please contact for details.

Problems Found:

Temperature probe was found to be corroded and requires replacement.

Conductivity drift was seen in calibration data. Cell cleaning and replatinization needed.

Services Performed:

Performed initial diagnostic evaluation.

Replaced the lithium back-up battery(s).

Performed pressure calibration.

Performed "POST" cruise calibration.

Cleaned and replatinized the conductivity cell.

Replaced the temperature probe.

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed a "Final" Calibration.

Performed complete system check and full diagnostic evaluation.

Installed NEW AF24173 Anti-foulant cylinder(s).

Item	Item Description	Qty
REPLACEAF	Extra charge to install one antifoulant device, includes one 801542.1.	2
REPGLIDERPROB	Replace SBE Glider thermistor probe	1
CNCRTPRAWLER	CONFIRM AND RE-CERTIFY PRAWLER CTD (FRRF)	1
CALPRAWLER	CALIBRATE PRAWLER CONDUCTIVITY AND TEMPERATUE SENSORS (FRRF)	1
PCALPRAWLER	CALIBRATE PRAWLER PRESSURE SENSOR (FRRF)	1



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Unbilled Items

Item	Item Description	Qty
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	2
801859	SBE37 V3 TEMP PROBE ASSY, FENWAL, 2.265"	1
22096	LITHIUM COIN BATTERY, WITH TABS, BR1632A/HA	1



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PRODUCT INFORMATION

Item: ECO.LEGACY

Item Description: (LEGACY) ECO Single Channel

Serial: FLNTUS-1165

Special Notes

Services Requested:

SRVECODUAL

ECO Calibration and Repairs

Diagnosis:

Evaluated instrument FLNTUS-1165 and found no problems.

Repairs and Modifications:

Standard service performed.

Comments:

New Device file and characterization sheets included.

ECO Standard Service:

The instrument bulkhead connector, pressure housing and window/optics are inspected for damage. Instrument is checked to determine proper functionality. Incoming settings and memory are collected if incoming condition allows.

If applicable, a pre-service characterization is performed. Data is analyzed and Instrument is rescaled.

The head is inspected for cracks in detector and motor bores. Shaft, shaft seal, faceplate, and wiper are replaced (if equipped). Noise, stability, and live pressure test performed.

Final calibration and characterization is completed. Including calibration of thermistor and pressure sensor, if equipped. A device file, repair sheet, and new characterization sheets are provided to customer via hard copy and CD.

Item	Item Description	Qty
SRVECODUAL	Standard service includes evaluation, minor repairs, firmware updates, board modifications, calibration, and testing. This pricing does not include major repairs or shipping costs. Any additional repairs that are not listed will be quoted on an individual basis and provided with a revised service order after the technician examines the instrument.	1

Unbilled Items

Item	Item Description	Qty