



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

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

+1-425-643-9866
 service@seabird.com
 www.seabird.com

RMA #: 00000022

Date: 09-FEB-2026

SERVICE REPORT

CUSTOMER INFORMATION

Name: OREGON STATE UNIVERSITY
 Account : 40292191
 Marnie Jo Zirbel
 marniejo.zirbel@oregonstate.edu
 (541) 829-9526

PO Number: K2100A
 Notes: CONVERTED FROM PREVIOUS RMA:
 1005523089

Bill To Address

OREGON STATE UNIVERSITY
 104 CEOAS ADMIN. BLDG. - COLLEGE OF OCEANIC &
 ATMOSPHERIC SCIENCE
 CORVALLIS, OR, 97331-5503
 US

Ship To Address

OREGON STATE UNIVERSITY
 2030 SE MARINE SCIENCE DRIVE
 NEWPORT, OR, 97365
 US

PRODUCTS SERVICED

Sales Order	Serial	Instrument	Description	Problems Found	Work Performed
	BBFL2W-8028	FAA-015366	oo - ECO-Triplet-BBFL2-W (700,CHL,CDOM)(50,50,375)	Found Eco requires standard calibration.	<p>Re-Calibration Complete. No new parts added. Standard Calibration Completed. Unit Returned to Customer Settings. ECO Calibration and Repairs</p> <p>Diagnosis: Evaluated instrument (BBFL2W-8028) Found Unit required Standard Calibration.</p> <p>Repairs and Modifications: Standard Calibration Completed. Installed new Triplet Faceplate and Wiper. Unit Returned to Customer ECO Standard Service:</p> <p>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. Case seals, shaft, shaft seal, faceplate, wiper, desiccant pack, and batteries (if equipped) are replaced. Noise, stability, and live pressure test performed. Final calibration and characterization are completed, including calibration of thermistor and pressure sensor (if equipped). A device file, repair sheet, and new characterization sheets are provided to customer via USB.</p>
					Perform initial diagnostic evaluation. Replaced the lithium

	NTR-2093	ASY-NTR-00093	SUNA-V2-5-W, Satlantic	The board set was damaged in-house. The windows were found to have scratches.	back-up battery(s). Replaced spectrometer and lamp windows. Installed new board set. Replace wiper brush and anode. Replaced the O-rings. Performed a hydrostatic pressure test. Performed a "Final" Saltwater Calibration.
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BILLABLE ITEMS

Instrument	Item	Item Description	Qty
BBFL2W-8028:FAA-015366	SBS-SVC-ECOTRIPLE	COMPREHENSIVE SERVICE FOR TRIPLE CHANNEL ECOS. DOES NOT INCLUDE OPTICS HEAD REPLACEMENT (FRRF)	1
NTR-2093:ASY-NTR-00093	SBS-SVC-SUNA	COMPREHENSIVE SERVICE/CALIBRATION OF SUNA V2 (FRRF)	1

UNBILLABLE ITEMS

Instrument	Item	Item Description	Qty
NTR-2093:ASY-NTR-00093	41989T	Tested SUNA Motherboard	1
NTR-2093:ASY-NTR-00093	ASY-NTR-00130	SUNA-Ti Lamp Window Assembly: SUNA V2 Ti	1
NTR-2093:ASY-NTR-00093	MEC-ZEB-00001	HYDRO-WIPER BRUSH, SUNA 5MM	1
NTR-2093:ASY-NTR-00093	MEC-ZEB-00003	HYDRO-WIPER ANODE KIT, SUNA	1
NTR-2093:ASY-NTR-00093	ASY-NTR-00129	SUNA-Ti Spec Window Assembly: SUNA V2 Ti	1