

**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****1005523938****Date**

04-JUN-2025

**Sales Order**

321391846

**CUSTOMER INFORMATION**

Name: NOAA - PMEL PACIFIC MARINE ENVIRO LAB  
Account : 40279844  
DAVID STRAUZ  
DAVID.STRAUSZ@NOAA.GOV  
206-526-4510

PO Number:  
WARRANTY

**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:** FAA-012113**Item Description:** ECO-FLNTU-S (CHL,NTU)(50,100)**Serial:** FLNTUS-9025**Special Notes**

ECO Calibration and Repairs

Diagnosis:

Evaluated instrument (FLNTUS-9025) Found corrosion in motor Shaft, on Motor and Detector Diodes. Optical Head replacement required due to Detector LEDs cover with corrosion.

Repairs and Modifications:

Replaced Optical Head, Motor, Shaft Bearing and Shaft connector due to Corrosion. Standard Calibration Completed. Unit Returned to Customer Settings. This is covered under warranty.

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. 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 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 USB.

Item	Item Description	Qty

**Unbilled Items**

Item	Item Description	Qty
MAA-220020	COUPLER, Shaft, ECO	1
BAA-220351	ASSY, Bearing, Shaft , ECO	1
KAA-012111	FLNTUS OptHd	1

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EXA-EX0003	Motor, ECO	1
SBS-SVC-ECODUAL	COMPREHENSIVE SERVICE FOR DUAL CHANNEL ECOS, INCLUDING ALL MINOR AND ONE MAJOR REPAIR. DOES NOT INCLUDE OPTICS HEAD REPLACEMENT.	1