

**SEA-BIRD ELECTRONICS, INC.**

13431 NE 20<sup>th</sup> Street  
Bellevue, Washington 98005 USA

Phone +1-425-643-9866  
Fax +1-425-643-9954  
www.seabird.com

**SERVICE REPORT**

**Service Request** 1005501689  
**Date** 13-APR-2017

**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**

7600 SAND POINT WAY NE;  
  
SEATTLE,WA,98115-6349,US

**Ship To Address**

SUPPLY CENTER / RECEIVING;7600 SAND POINT WAY NE,  
BLDG 8;  
SEATTLE,WA,98115,US

**PRODUCT INFORMATION**

**Item:** 16P.LEGACY

**Item Description:** (LEGACY) SBE 16Plus (V1/V2) CT(D)

**Serial:** 16P31373-4424

**Special Notes**

Services Requested:

Evaluate/Repair Instrumentation.  
Perform Routine Calibration Service.  
Replace the instruments "O"-rings.  
Perform hydrostatic pressure test.  
Replace Antifoulant Device(s).

Problems Found:

The lithium backup batteries had reached the end of their life expectancy.

Services Performed:

Performed initial diagnostic evaluation.  
Performed "POST" cruise calibration.  
Replaced the lithium back-up battery(s).  
Replaced the O-rings.  
Performed a hydrostatic pressure test.  
Performed complete system check and full diagnostic evaluation.  
Installed NEW AF24173 Anti-foulant cylinder(s).

Item	Item Description	Qty
SERVICE16	CONFIRM / RECERTIFY SBE 16/16PLUS/16PLUSV2. COMPLETE EXTERNAL INSPECTION. TEST ALL FUNCTIONS AND INPUT CHANNEL RESPONSES (FRRF)	1
REPLACEAF	EXTRA CHARGE TO INSTALL ONE ANTIFOULANT DEVICE, INCLUDES ONE 801542.1. (FRRF)	2

**Unbilled Items**

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Item	Item Description	Qty
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	2
22009	LITHIUM BATTERY, PANASONIC BR 2/3 A-T2SP	3

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**SERVICE REPORT****Service Request****1005501689****Date****13-APR-2017****PRODUCT INFORMATION****Item:** 16P.LEGACY**Item Description:** (LEGACY) SBE 16Plus (V1/V2) CT(D)**Serial:** 16P31373-4425**Special Notes**

Services Requested:

Evaluate/Repair Instrumentation.

Perform Routine Calibration Service.

Replace the instruments "O"-rings.

Perform hydrostatic pressure test.

Replace Antifoulant Device(s).

Problems Found:

The lithium backup batteries had reached the end of their life expectancy.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the lithium back-up battery(s).

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed complete system check and full diagnostic evaluation.

Installed NEW AF24173 Anti-foulant cylinder(s).

Item	Item Description	Qty
SERVICE16	CONFIRM / RECERTIFY SBE 16/16PLUS/16PLUSV2. COMPLETE EXTERNAL INSPECTION. TEST ALL FUNCTIONS AND INPUT CHANNEL RESPONSES (FRRF)	1
REPLACEAF	EXTRA CHARGE TO INSTALL ONE ANTIFOULANT DEVICE, INCLUDES ONE 801542.1. (FRRF)	2

**Unbilled Items**

Item	Item Description	Qty
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	2
22009	LITHIUM BATTERY, PANASONIC BR 2/3 A-T2SP	3

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**SERVICE REPORT****Service Request****1005501689****Date**

13-APR-2017

**PRODUCT INFORMATION****Item:** 16P.LEGACY**Item Description:** (LEGACY) SBE 16Plus (V1/V2) CT(D)**Serial:** 16P31373-4426**Special Notes**

Services Requested:

Evaluate/Repair Instrumentation.

Perform Routine Calibration Service.

Replace the instruments "O"-rings.

Perform hydrostatic pressure test.

Replace Antifoulant Device(s).

Problems Found:

The lithium backup batteries had reached the end of their life expectancy.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the lithium back-up battery(s).

Replaced the O-rings.

Performed a hydrostatic pressure test.

Performed complete system check and full diagnostic evaluation.

Installed NEW AF24173 Anti-foulant cylinder(s).

Item	Item Description	Qty
SERVICE16	CONFIRM / RECERTIFY SBE 16/16PLUS/16PLUSV2. COMPLETE EXTERNAL INSPECTION. TEST ALL FUNCTIONS AND INPUT CHANNEL RESPONSES (FRRF)	1
REPLACEAF	EXTRA CHARGE TO INSTALL ONE ANTIFOULANT DEVICE, INCLUDES ONE 801542.1. (FRRF)	2

**Unbilled Items**

Item	Item Description	Qty
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	1
22009	LITHIUM BATTERY, PANASONIC BR 2/3 A-T2SP	3