



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

Phone  
Fax

+1-425-643-9866  
+1-425-643-9954  
www.seabird.com  
**1005507650**  
17-MAY-2019

## SERVICE REPORT

**Service Request**  
**Date**  
**Sales Order**

## CUSTOMER INFORMATION

Name: NOAA  
Account : 40299841  
David Strausz  
david.strausz@noaa.gov  
1-206-526-4510

PO Number:

### Bill To Address

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

### Ship To Address

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

## PRODUCT INFORMATION

**Item:** 16P.LEGACY  
**Item Description:** (LEGACY) SBE 16Plus (V1/V2) CT(D)  
**Serial:** 16P27024-4139

### Special Notes

Services Requested:  
Evaluate/Repair Instrumentation.  
Perform Routine Calibration Service.  
Replace Antifoulant Device(s).

Problems Found:  
The 2-pin and 6-pin connector were found to be damaged.

Services Performed:  
Perform initial diagnostic evaluation.  
Replaced the 2-pin and 6-pin connector.  
Replaced the O-rings.  
Performed a hydrostatic pressure test.  
Performed "POST" cruise calibration.  
Installed NEW AF24173 Anti-foulant cylinder(s).

Item	Item Description	Qty
17628	Bulkhead connector, 6-pin Standard, AG-306-HP-SS	2
17652	Bulkhead connector, 2-pin Standard, XSG-2-BCL-HP-SS	1
SERVICE16	Confirm / recertify SBE 16/16plus/16plusV2. Complete External Inspection. Test All Functions and input channel responses. Calibrate C & T. C&P and recal if necessary. Replace O-rings and Hydrostatic pressure test if necessary. Includes typical repairs. (Does not include: Major electronic board replacement. Instruments deemed "Damaged Beyond Repair". Missing/damaged mounts or cables. Upgrades or modifications. Spares or antifoulant replacement.)	1
REPLACEAF	Extra charge to install one antifoulant device, includes one 801542.1.	2



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### Unbilled Items

Item	Item Description	Qty
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	2



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## PRODUCT INFORMATION

**Item:** 16P.LEGACY  
**Item Description:** (LEGACY) SBE 16Plus (V1/V2) CT(D)  
**Serial:** 16P60727-6629

### Special Notes

Services Requested:  
Evaluate/Repair Instrumentation.  
Perform Routine Calibration Service.  
Replace antifoulant device(s).

Services Performed:  
Perform initial diagnostic evaluation.  
Performed "POST" cruise calibration.  
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. Calibrate C & T. C&P and recal if necessary. Replace O-rings and Hydrostatic pressure test if necessary. Includes typical repairs. (Does not include: Major electronic board replacement. Instruments deemed "Damaged Beyond Repair". Missing/damaged mounts or cables. Upgrades or modifications. Spares or antifoulant replacement.)	1
REPLACEAF	Extra charge to install one antifoulant device, includes one 801542.1.	2

### Unbilled Items

Item	Item Description	Qty
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	2



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## PRODUCT INFORMATION

**Item:** 16.LEGACY  
**Item Description:** (LEGACY) SBE 16 CT(D)  
**Serial:** 1625591-3114

### Special Notes

Services Requested:  
Evaluate/Repair Instrumentation.  
Perform Routine Calibration Service.  
Replace antifoulant device(s).

Problems Found:  
The 6-pin connector was found to have corrosion damage.

Services Performed:  
Perform initial diagnostic evaluation.  
Replaced the 6-pin connector.  
Replaced the lithium back-up battery(s).  
Replaced the O-rings.  
Performed a hydrostatic pressure test.  
Performed "POST" cruise calibration.  
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. Calibrate C & T. C&P and recal if necessary. Replace O-rings and Hydrostatic pressure test if necessary. Includes typical repairs. (Does not include: Major electronic board replacement. Instruments deemed "Damaged Beyond Repair". Missing/damaged mounts or cables. Upgrades or modifications. Spares or antifoulant replacement.)	1
REPLACEAF	Extra charge to install one antifoulant device, includes one 801542.1.	2

### Unbilled Items

Item	Item Description	Qty
17628	Bulkhead connector, 6-pin Standard, AG-306-HP-SS	2
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	2
22009	Lithium back-up battery (BR-2/3A-T2SP)	2



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## PRODUCT INFORMATION

**Item:** 16.LEGACY  
**Item Description:** (LEGACY) SBE 16 CT(D)  
**Serial:** 1611044-1815

### Special Notes

Services Requested:  
Evaluate/Repair Instrumentation.  
Perform Routine Calibration Service.  
Replace antifoulant device(s).

Problems Found:  
The 6-pin connector was found to have corrosion damage.

Services Performed:  
Perform initial diagnostic evaluation.  
Replaced the 6-pin connector.  
Replaced the lithium back-up battery(s).  
Replaced the O-rings.  
Performed a hydrostatic pressure test.  
Performed "POST" cruise calibration.  
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. Calibrate C & T. C&P and recal if necessary. Replace O-rings and Hydrostatic pressure test if necessary. Includes typical repairs. (Does not include: Major electronic board replacement. Instruments deemed "Damaged Beyond Repair". Missing/damaged mounts or cables. Upgrades or modifications. Spares or antifoulant replacement.)	1
REPLACEAF	Extra charge to install one antifoulant device, includes one 801542.1.	2

### Unbilled Items

Item	Item Description	Qty
17628	Bulkhead connector, 6-pin Standard, AG-306-HP-SS	1
801542.1	AF24173 ANTI-FOULANT, SINGLE CYLINDER, V2	2
22009	Lithium back-up battery (BR-2/3A-T2SP)	2