



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

Phone

+1-425-643-9866

www.seabird.com

1005514941

24-FEB-2022

320041373

Service Request

Date

Sales Order

SERVICE REPORT

CUSTOMER INFORMATION

Name: NOAA - ATLANTIC OCEANOGRAPHIC AND METEOROLOGICAL LAB
 Account : 40279759
 GRANT RAWSON
 GRANT.RAWSON@NOAA.GOV
 (305) 361-4363

PO Number:
 1333MJ21FNRMA0035

Bill To Address

NOAA - ATLANTIC OCEANOGRAPHIC AND
 METEOROLOGICAL LAB
 4301 RICKENBACKER CAUSEWAY
 MIAMI,FL,33149,US

Ship To Address

NOAA - ATLANTIC OCEANOGRAPHIC AND
 METEOROLOGICAL LAB
 4301 RICKENBACKER CAUSEWAY
 MIAMI,FL,33149,US

PRODUCT INFORMATION

Item: APL-GLIDER.LEGACY
Item Description: (LEGACY) APL Glider
Serial: 0313

Special Notes

Services Requested:
 CAL_SEAGLIDER
 CUSTOMER NOTES: Replace o-rings on CT sails if not included in the Calibration service

Problems Found:
 No problems found.

Services Performed:
 Performed initial diagnostic evaluation.
 Performed "POST" cruise calibration.
 Replaced the O-rings on CT stanchion.

Services Performed:
 Perform initial diagnostic evaluation.
 Performed "POST" cruise calibration.
 Replaced the O-rings on CT sails.

Item	Item Description	Qty
CAL_SEAGLIDER	Calibrate Seaglider conductivity and temperature sensors	1
CNCRTSEAGLDR	CONFIRM & RE-CERTIFY SEAGLIDER CTD	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

Unbilled Items



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Item	Item Description	Qty
31476	O-RING, 8-012 BACK-UP RING FOR 2-012	1
30848	O-RING, PARKER 2-016 N674-70	1
30390	O-RING, PARKER 2-012 N674-70	1



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SERVICE REPORT

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PRODUCT INFORMATION

Item: APL-GLIDER.LEGACY
Item Description: (LEGACY) APL Glider
Serial: 0353

Special Notes

Services Requested:

CAL_SEAGLIDER

CUSTOMER NOTES: Replace o-rings on CT sails if not included in the Calibration service

Problems Found:

Temperature found to have high drift.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced temperature probe.

Replaced the O-rings on CT stanchion.

Performed "FINAL" cruise calibration.

Item	Item Description	Qty
CAL_SEAGLIDER	Calibrate Seaglider conductivity and temperature sensors	1
CNCRTSEAGLDR	CONFIRM & RE-CERTIFY SEAGLIDER CTD	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

Unbilled Items

Item	Item Description	Qty
802134	VM GLIDER THERM PROBE ASSY,V3,SHIELDED,FENWAL	1
31476	O-RING, 8-012 BACK-UP RING FOR 2-012	1
30848	O-RING, PARKER 2-016 N674-70	1
30390	O-RING, PARKER 2-012 N674-70	1



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PRODUCT INFORMATION

Item: APL-GLIDER.LEGACY
Item Description: (LEGACY) APL Glider
Serial: 0352

Special Notes

Services Requested:

CAL_SEAGLIDER

CUSTOMER NOTES: Replace o-rings on CT sails if not included in the Calibration service

Problems Found:

No problems found.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT stanchion.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT sails.

Item	Item Description	Qty
CAL_SEAGLIDER	Calibrate Seaglider conductivity and temperature sensors	1
CNCRTSEAGLDR	CONFIRM & RE-CERTIFY SEAGLIDER CTD	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

Unbilled Items

Item	Item Description	Qty
31476	O-RING, 8-012 BACK-UP RING FOR 2-012	1
30848	O-RING, PARKER 2-016 N674-70	1
30390	O-RING, PARKER 2-012 N674-70	1



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PRODUCT INFORMATION

Item: APL-GLIDER.LEGACY
Item Description: (LEGACY) APL Glider
Serial: 0358

Special Notes

Services Requested:

CAL_SEAGLIDER

CUSTOMER NOTES: Replace o-rings on CT sails if not included in the Calibration service

Problems Found:

No problems found.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT stanchion.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT sails.

Item	Item Description	Qty
CAL_SEAGLIDER	Calibrate Seaglider conductivity and temperature sensors	1
CNCRTSEAGLDR	CONFIRM & RE-CERTIFY SEAGLIDER CTD	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

Unbilled Items

Item	Item Description	Qty
31476	O-RING, 8-012 BACK-UP RING FOR 2-012	1
30848	O-RING, PARKER 2-016 N674-70	1
30390	O-RING, PARKER 2-012 N674-70	1



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PRODUCT INFORMATION

Item: APL-GLIDER.LEGACY
Item Description: (LEGACY) APL Glider
Serial: 0414

Special Notes

Services Requested:

CAL_SEAGLIDER

CUSTOMER NOTES: Replace o-rings on CT sails if not included in the Calibration service

Problems Found:

Temperature probe found to require replacement; wires appeared twisted inside CT stanchion.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT stanchion.

Replaced temperature probe.

Performed "Final" calibration.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT sails.

Replaced the temperature probe.

Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_SEAGLIDER	Calibrate Seaglider conductivity and temperature sensors	1
CNCRTSEAGLDR	CONFIRM & RE-CERTIFY SEAGLIDER CTD	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1
REPGliderPROB	Replace SBE Glider thermistor probe	1

Unbilled Items

Item	Item Description	Qty
802134	VM GLIDER THERM PROBE ASSY,V3,SHIELDED,FENWAL	1
31476	O-RING, 8-012 BACK-UP RING FOR 2-012	1
30848	O-RING, PARKER 2-016 N674-70	1
30390	O-RING, PARKER 2-012 N674-70	1



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PRODUCT INFORMATION

Item: APL-GLIDER.LEGACY
Item Description: (LEGACY) APL Glider
Serial: 0349

Special Notes

Services Requested:

CAL_SEAGLIDER

CUSTOMER NOTES: Replace o-rings on CT sails if not included in the Calibration service

Problems Found:

No problems found.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT stanchion.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT sails.

Item	Item Description	Qty
CAL_SEAGLIDER	Calibrate Seaglider conductivity and temperature sensors	1
CNCRTSEAGLDR	CONFIRM & RE-CERTIFY SEAGLIDER CTD	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

Unbilled Items

Item	Item Description	Qty
31476	O-RING, 8-012 BACK-UP RING FOR 2-012	1
30848	O-RING, PARKER 2-016 N674-70	1
30390	O-RING, PARKER 2-012 N674-70	1



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PRODUCT INFORMATION

Item: APL-GLIDER.LEGACY
Item Description: (LEGACY) APL Glider
Serial: APL-0351

Special Notes

Services Requested:

CAL_SEAGLIDER

CUSTOMER NOTES: Replace o-rings on CT sails if not included in the Calibration service

Problems Found:

Temperature found to have drifted; temperature probe replacement needed.

Services Performed:

Performed initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT stanchion.

Replaced temperature probe.

Performed "Final" calibration.

Services Performed:

Perform initial diagnostic evaluation.

Performed "POST" cruise calibration.

Replaced the O-rings on CT sails.

Replaced the temperature probe.

Performed a "Final" Calibration.

Item	Item Description	Qty
CAL_SEAGLIDER	Calibrate Seaglider conductivity and temperature sensors	1
CNCRTSEAGLDR	CONFIRM & RE-CERTIFY SEAGLIDER CTD	1
CONCERT/S	Confirm and recertify sensor including opening the main housing, replacing end cap "piston" o-rings, and making minor internal repairs or modifications. Hydrostatic pressure test following closure. Cost of major repairs or modifications is not included.	1

Unbilled Items

Item	Item Description	Qty
802134	VM GLIDER THERM PROBE ASSY,V3,SHIELDED,FENWAL	1
31476	O-RING, 8-012 BACK-UP RING FOR 2-012	1
30848	O-RING, PARKER 2-016 N674-70	1
30390	O-RING, PARKER 2-012 N674-70	1



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