

SBE SEA-BIRD ELECTRONICS, INC.

13431 NE 20th St. Bellevue, Washington 98005 USA



Phone: (425) 643-9866 Fax: (425) 643-9954 www.seabird.com

Service

Report

RMA Number

70506

Customer Information:

Company Atlantic Marine Center

Date 10/8/2012

Contact Richard Conway

PO Number TBD

Serial Number 09P47490-0906

Model Number SBE 09Plus

Services Requested:

1. Evaluate/Repair Instrumentation.
2. Perform Routine Calibration Service.

Problems Found:

Services Performed:

1. Performed initial diagnostic evaluation.
2. Calibrated the pressure sensor.
3. Performed complete system check and full diagnostic evaluation.

Special Notes:

Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 0906
CALIBRATION DATE: 24-Sep-12

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 107068

DIGIQUARTZ COEFFICIENTS:

C1 = -4.580614e+004
C2 = -3.898443e-001
C3 = 1.330500e-002
D1 = 3.298900e-002
D2 = 0.000000e+000
T1 = 3.025149e+001
T2 = -4.453719e-004
T3 = 3.330120e-006
T4 = 6.106350e-009
T5 = 0.000000e+000

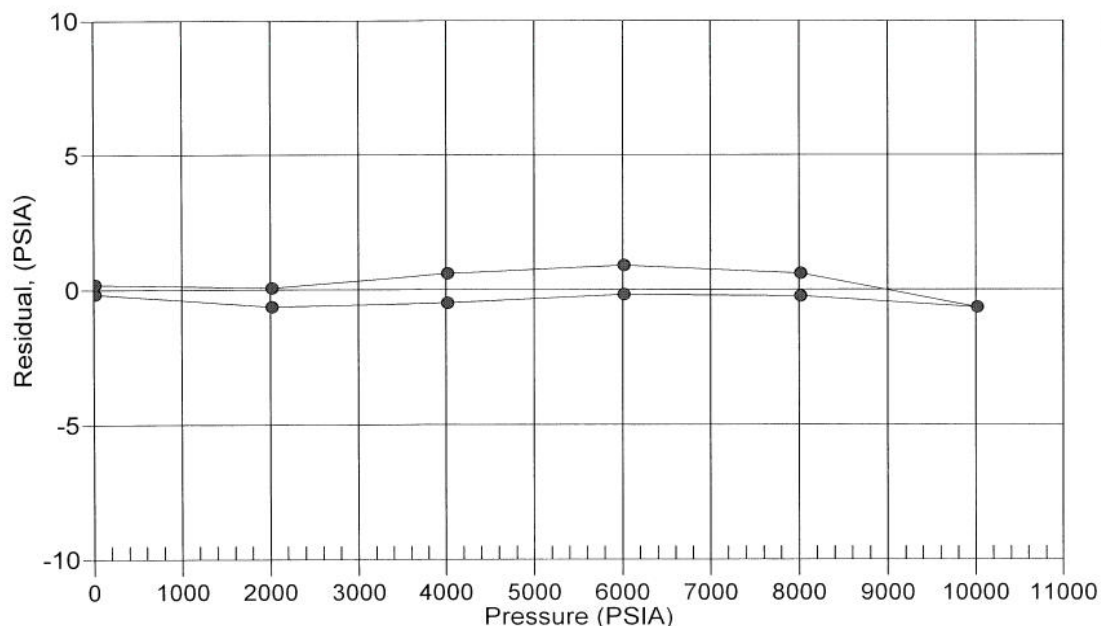
AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.26215e-002
AD590B = -8.82208e+000
Slope = 0.99988
Offset = -4.5174 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.663	33072.60	21.7	21.056	14.503	-0.160
2014.869	33785.52	21.8	2021.036	2014.234	-0.635
4014.864	34481.86	21.8	4021.426	4014.375	-0.489
6014.794	35162.52	21.8	6021.911	6014.612	-0.182
8014.877	35828.30	21.8	8022.188	8014.640	-0.237
10015.070	36480.04	21.8	10022.217	10014.420	-0.650
8014.844	35828.57	21.8	8022.993	8015.444	0.601
6014.757	35162.88	21.8	6022.952	6015.653	0.896
4014.833	34482.24	21.8	4022.476	4015.426	0.593
2014.919	33785.82	21.9	2021.785	2014.983	0.064
14.658	33072.79	21.9	21.403	14.850	0.192

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)





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Service

Report

RMA Number

70506

Customer Information:

Company Atlantic Marine Center

Date 10/8/2012

Contact Richard Conway

PO Number TBD

Serial Number 054974

Model Number SBE 05T

Services Requested:

1. Evaluate/Repair Instrumentation.

Problems Found:

Services Performed:

1. Performed initial diagnostic evaluation.

Special Notes:



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Service

Report

RMA Number

70506

Customer Information:

Company Atlantic Marine Center

Date 10/8/2012

Contact Richard Conway

PO Number TBD

Serial Number 054975

Model Number SBE 05T

Services Requested:

1. Evaluate/Repair Instrumentation.

Problems Found:

Services Performed:

1. Performed initial diagnostic evaluation.

Special Notes: