

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0905
CALIBRATION DATE: 19-Jun-13

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 107063

DIGIQUARTZ COEFFICIENTS:

C1 = -4.575720e+004
C2 = -5.863610e-001
C3 = 1.203100e-002
D1 = 3.538700e-002
D2 = 0.000000e+000
T1 = 3.024771e+001
T2 = -4.970043e-004
T3 = 3.066360e-006
T4 = 6.276250e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.26296e-002
AD590B = -9.53017e+000
Slope = 0.99990
Offset = 0.4412 (dbars)

| PRESSURE (PSIA) | INST OUTPUT(Hz) | INST TEMP(C) | INST OUTPUT (PSIA) | CORRECTED INST OUTPUT (PSIA) | RESIDUAL (PSIA) |
|--------------------|--------------------|-----------------|-----------------------|---------------------------------|--------------------|
| 14.576 | 33075.20 | 21.0 | 13.822 | 14.462 | -0.114 |
| 2001.299 | 33784.00 | 21.0 | 1999.913 | 2000.355 | -0.944 |
| 3988.015 | 34476.50 | 21.0 | 3987.084 | 3987.328 | -0.687 |
| 5974.725 | 35153.40 | 21.1 | 5974.478 | 5974.523 | -0.202 |
| 7961.911 | 35815.50 | 21.1 | 7961.805 | 7961.652 | -0.259 |
| 9949.136 | 36463.70 | 21.1 | 9949.271 | 9948.920 | -0.216 |
| 7961.809 | 35815.70 | 21.1 | 7962.363 | 7962.210 | 0.401 |
| 5974.785 | 35153.80 | 21.1 | 5975.603 | 5975.648 | 0.863 |
| 3987.924 | 34476.90 | 21.1 | 3988.135 | 3988.379 | 0.455 |
| 2001.112 | 33784.30 | 21.1 | 2000.610 | 2001.052 | -0.060 |
| 14.577 | 33075.60 | 21.2 | 14.702 | 15.342 | 0.765 |

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

