

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 3115
CALIBRATION DATE: 23-Aug-11

SBE16 PRESSURE CALIBRATION DATA
1000 psia S/N 86141

DIGIQUARTZ COEFFICIENTS:

C1 = -6.422368e+003
C2 = -4.173120e-002
C3 = 1.254520e-003
D1 = 7.199900e-002
D2 = 0.000000e+000
T1 = 2.997013e+001
T2 = -2.611270e-004
T3 = 2.600060e-006
T4 = 2.040210e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 0.00000e+000
AD590B = 0.00000e+000
Slope = 1.00017
Offset = 0.3255 (dbars)

| PRESSURE (PSIA) | INST OUTPUT(Hz) | INST TEMP(C) | INST OUTPUT (PSIA) | CORRECTED INST OUTPUT (PSIA) | RESIDUAL (PSIA) |
|--------------------|--------------------|-----------------|-----------------------|---------------------------------|--------------------|
| 14.628 | 33408.23 | 22.8 | 14.089 | 14.561 | -0.066 |
| 199.859 | 33884.36 | 22.7 | 199.317 | 199.821 | -0.038 |
| 399.876 | 34389.28 | 22.7 | 399.453 | 399.991 | 0.115 |
| 599.877 | 34884.29 | 22.7 | 599.415 | 599.988 | 0.111 |
| 799.847 | 35369.82 | 22.8 | 799.192 | 799.799 | -0.048 |
| 999.793 | 35846.93 | 22.8 | 999.056 | 999.698 | -0.095 |
| 799.874 | 35369.86 | 22.8 | 799.208 | 799.815 | -0.059 |
| 599.917 | 34884.34 | 22.8 | 599.433 | 600.006 | 0.089 |
| 399.930 | 34389.35 | 22.8 | 399.476 | 400.015 | 0.085 |
| 199.918 | 33884.48 | 22.7 | 199.363 | 199.867 | -0.052 |
| 14.631 | 33408.29 | 22.7 | 14.116 | 14.588 | -0.042 |

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

