

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0658
CALIBRATION DATE: 04-Jan-11

SBE16 PRESSURE CALIBRATION DATA
1000 psia S/N 44901

DIGIQUARTZ COEFFICIENTS:

C1 = -4.614960e+003
C2 = -7.897250e-002
C3 = 8.594230e-004
D1 = 6.642100e-002
D2 = 0.000000e+000
T1 = 3.029930e+001
T2 = -4.185800e-004
T3 = 2.853680e-006
T4 = 0.000000e+000
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 0.00000e+000
AD590B = 0.00000e+000
Slope = 1.00003
Offset = 0.4297 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.722	33062.91	21.6	14.122	14.745	0.023
199.990	33715.79	21.6	199.363	199.992	0.002
399.995	34403.09	21.6	399.374	400.010	0.014
600.007	35073.14	21.7	599.364	600.007	-0.001
799.997	35726.99	21.7	799.357	800.007	0.010
999.967	36365.54	21.7	999.331	999.986	0.020
800.016	35727.04	21.8	799.362	800.011	-0.005
600.046	35073.24	21.8	599.385	600.028	-0.018
400.050	34403.19	21.8	399.384	400.020	-0.030
200.036	33715.92	21.9	199.372	200.001	-0.034
14.722	33062.99	21.9	14.118	14.741	0.019

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

