

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2843
CALIBRATION DATE: 27-Feb-08

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 86527

DIGIQUARTZ COEFFICIENTS:

C1 = -4.029368e+004
C2 = -8.161470e-001
C3 = 1.260260e-002
D1 = 3.076300e-002
D2 = 0.000000e+000
T1 = 3.021227e+001
T2 = -4.808500e-004
T3 = 3.981640e-006
T4 = 3.194480e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.15700e-002
AD590B = -8.23750e+000
Slope = 0.99991
Offset = -1.1568 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.719	33114.50	19.7	16.332	14.654	-0.065
2002.220	33919.70	19.9	2003.879	2002.031	-0.189
3989.104	34703.70	20.0	3991.099	3989.081	-0.023
5976.113	35468.10	20.1	5978.291	5976.103	-0.010
7963.210	36214.10	20.3	7965.214	7962.857	-0.353
9950.373	36943.00	20.4	9952.417	9949.889	-0.484
7962.677	36214.30	20.6	7965.455	7963.098	0.421
5975.776	35468.40	20.8	5978.484	5976.296	0.520
3988.891	34704.10	20.9	3991.316	3989.298	0.407
2001.977	33920.10	21.1	2003.864	2002.016	0.039
14.730	33115.20	22.0	16.144	14.466	-0.264

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

