

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2843  
CALIBRATION DATE: 09-Apr-07

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 = 0.99994  
Offset = -1.1601 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.535	33114.50	20.0	16.096	14.413	-0.122
2002.215	33919.70	20.1	2003.743	2001.945	-0.270
3989.282	34703.80	20.2	3991.206	3989.293	0.011
5976.443	35468.30	20.3	5978.677	5976.649	0.206
7963.813	36214.40	20.3	7965.991	7963.847	0.034
9951.385	36943.20	20.4	9953.015	9950.757	-0.628
7963.497	36214.40	20.5	7965.824	7963.681	0.184
5976.202	35468.40	20.5	5978.672	5976.643	0.441
3988.910	34703.90	20.6	3991.055	3989.142	0.232
2001.770	33919.90	20.8	2003.674	2001.877	0.107
14.545	33114.80	20.9	16.031	14.348	-0.197

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

