

# Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2843  
CALIBRATION DATE: 15-Sep-11

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 = 0.99989  
Offset = -1.0079 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.592	33115.73	24.0	15.820	14.358	-0.233
2014.999	33926.12	24.2	2016.439	2014.762	-0.238
4014.962	34715.13	24.2	4016.861	4014.968	0.006
6015.002	35484.30	24.3	6017.215	6015.107	0.104
8015.123	36234.84	24.4	8017.409	8015.085	-0.038
10015.407	36967.89	24.4	10017.358	10014.819	-0.588
8015.170	36234.97	24.5	8017.677	8015.353	0.183
6015.071	35484.52	24.5	6017.626	6015.517	0.446
4015.030	34715.42	24.6	4017.323	4015.430	0.400
2014.984	33926.40	24.6	2016.791	2015.113	0.130
14.589	33115.96	24.7	15.877	14.415	-0.174

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

