

# Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0256  
 CALIBRATION DATE: 09-Sep-13

SBE9plus PRESSURE CALIBRATION DATA  
 10000 psia S/N 50130

**DIGIQUARTZ COEFFICIENTS:**

C1 = -4.705724e+004  
 C2 = -4.431410e-002  
 C3 = 8.991870e-003  
 D1 = 4.427900e-002  
 D2 = 0.000000e+000  
 T1 = 3.014264e+001  
 T2 = -2.990150e-004  
 T3 = 3.699150e-006  
 T4 = 5.702540e-009  
 T5 = 0.000000e+000

**AD590M, AD590B, SLOPE AND OFFSET:**

AD590M = 1.14000e-002  
 AD590B = -8.24200e+000  
 Slope = 0.99985  
 Offset = -1.9057 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.632	33187.20	22.9	17.826	15.061	0.429
2001.576	33879.00	23.0	2004.428	2001.369	-0.207
3988.343	34554.70	23.0	3991.770	3988.415	0.072
5975.282	35215.10	23.1	5979.343	5975.694	0.412
7962.395	35861.00	23.1	7966.930	7962.986	0.591
9949.672	36492.80	23.1	9953.276	9949.036	-0.636
7962.397	35861.00	23.1	7966.908	7962.963	0.566
5975.473	35215.00	23.1	5979.001	5975.352	-0.121
3988.923	34554.60	23.1	3991.422	3988.068	-0.855
2001.575	33878.90	23.2	2004.073	2001.014	-0.561
14.633	33187.20	23.2	17.702	14.938	0.305

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

