

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 91220A  
CALIBRATION DATE: 13-Jun-11

SBE9plus PRESSURE CALIBRATION DATA  
10000 psia S/N 80020

## DIGIQUARTZ COEFFICIENTS:

C1 = -4.396022e+004  
C2 = -1.130767e+000  
C3 = 1.261120e-002  
D1 = 3.507300e-002  
D2 = 0.000000e+000  
T1 = 2.997068e+001  
T2 = -6.253509e-004  
T3 = 3.819220e-006  
T4 = 2.267250e-009  
T5 = 0.000000e+000

## AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28576e-002  
AD590B = -8.32583e+000  
Slope = 1.00002  
Offset = -1.4805 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.614	33385.12	21.2	16.703	14.556	-0.057
2015.049	34134.47	21.2	2017.080	2014.965	-0.085
4015.166	34865.36	21.2	4017.279	4015.195	0.030
6015.082	35578.91	21.3	6017.224	6015.173	0.091
8015.252	36276.34	21.3	8017.326	8015.306	0.054
10015.546	36958.45	21.3	10017.299	10015.310	-0.236
8015.241	36276.35	21.3	8017.321	8015.301	0.060
6015.145	35578.97	21.3	6017.316	6015.264	0.119
4015.039	34865.38	21.3	4017.223	4015.139	0.100
2015.066	34134.54	21.4	2017.103	2014.987	-0.079
14.618	33385.26	21.4	16.768	14.621	0.004

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

