

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 91220A  
CALIBRATION DATE: 28-Jul-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 = 1.00006  
Offset = -1.2236 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.710	33386.01	22.8	16.911	15.136	0.426
2015.187	34135.13	22.9	2016.592	2014.939	-0.248
4015.150	34866.01	23.0	4016.677	4015.146	-0.005
6015.243	35579.64	23.0	6016.798	6015.389	0.146
8015.342	36277.02	23.0	8016.756	8015.468	0.126
10015.677	36959.14	23.0	10016.731	10015.565	-0.112
8015.364	36277.03	23.0	8016.744	8015.456	0.092
6015.241	35579.66	23.1	6016.725	6015.316	0.075
4015.077	34865.96	23.1	4016.415	4014.884	-0.193
2015.144	34135.17	23.1	2016.465	2014.813	-0.331
14.708	33386.00	23.1	16.507	14.733	0.024

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

