

# Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 91220A  
CALIBRATION DATE: 18-Feb-14

SBE9plus PRESSURE CALIBRATION DATA  
10000 psia S/N 91220-A

## 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 = 1.00003  
Offset = -1.7920 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.501	33385.60	21.8	17.205	14.606	0.105
2001.082	34129.80	21.9	2003.571	2001.035	-0.047
3988.002	34856.10	21.9	3990.704	3988.233	0.231
5975.001	35565.20	21.9	5977.352	5974.944	-0.057
7962.254	36258.50	22.0	7964.611	7962.266	0.012
9949.572	36936.70	22.0	9951.821	9949.540	-0.032
7962.197	36258.50	22.0	7964.535	7962.190	-0.007
5975.136	35565.30	22.0	5977.538	5975.130	-0.006
3988.053	34856.10	22.0	3990.532	3988.060	0.007
2001.170	34129.90	22.0	2003.605	2001.069	-0.101
14.495	33385.70	22.1	16.989	14.390	-0.105

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

