

# Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 91220a  
CALIBRATION DATE: 27-Feb-15

SBE 9plus PRESSURE CALIBRATION DATA  
FSR: 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 = 1.00008  
Offset = -1.7414 (dbars)

PRESSURE (PSIA)	INST OUTPUT (Hz)	INST TEMP (C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.488	33385.70	21.8	17.424	14.898	0.410
2001.473	34129.90	21.9	2003.823	2001.464	-0.009
3988.257	34856.00	21.9	3990.415	3988.222	-0.035
5975.405	35565.30	21.9	5977.635	5975.608	0.203
7962.571	36258.50	22.0	7964.603	7962.743	0.172
9949.950	36936.60	22.0	9951.526	9949.832	-0.118
7962.653	36258.50	22.0	7964.564	7962.704	0.051
5975.580	35565.30	22.0	5977.555	5975.529	-0.051
3988.570	34856.10	22.0	3990.569	3988.376	-0.194
2001.568	34129.90	22.0	2003.642	2001.282	-0.286
14.489	33385.60	22.0	16.873	14.348	-0.141

Residual = corrected instrument pressure - reference pressure

