

# SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0363  
CALIBRATION DATE: 18-Oct-04

SBE9plus PRESSURE CALIBRATION DATA  
10000 psia S/N 58808

## DIGIQUARTZ COEFFICIENTS:

C1 = -4.583844e+004  
C2 = -1.963440e-001  
C3 = 1.278040e-002  
D1 = 3.779600e-002  
D2 = 0.000000e+000  
T1 = 3.010293e+001  
T2 = -2.932600e-004  
T3 = 3.610820e-006  
T4 = 3.748630e-009  
T5 = 0.000000e+000

## AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.11700e-002  
AD590B = -8.74676e+000  
Slope = 1.00006  
Offset = 11.3776 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.397	33223.70	21.3	-1.930	14.571	0.174
2014.750	33939.76	21.4	1998.340	2014.951	0.201
4015.057	34638.79	21.4	3998.733	4015.454	0.397
6015.330	35321.64	21.4	5998.725	6015.556	0.226
8015.718	35989.56	21.4	7999.193	8016.134	0.416
10016.429	36643.02	21.5	9999.038	10016.089	-0.340
8015.638	35989.35	21.5	7998.527	8015.468	-0.170
6015.232	35321.44	21.5	5998.090	6014.921	-0.311
4015.022	34638.64	21.5	3998.269	4014.990	-0.032
2014.778	33939.73	21.5	1998.179	2014.790	0.012
14.399	33223.46	21.5	-2.687	13.814	-0.585

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

18-Oct-04 -0.00

