

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0244
CALIBRATION DATE: 15-Jul-11

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 50498

DIGIQUARTZ COEFFICIENTS:

C1 = -3.725687e+004
C2 = 3.645850e-001
C3 = 1.500630e-002
D1 = 3.760100e-002
D2 = 0.000000e+000
T1 = 3.030142e+001
T2 = -2.090000e-004
T3 = 5.155880e-006
T4 = 1.657700e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.13700e-002
AD590B = -8.32655e+000
Slope = 0.99988
Offset = -3.1344 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.548	33012.45	22.8	19.064	14.517	-0.031
2014.349	33885.11	22.9	2019.083	2014.303	-0.046
4015.269	34732.86	23.0	4019.953	4014.940	-0.329
6015.226	35557.11	23.0	6020.717	6015.471	0.245
8015.439	36359.37	23.0	8021.006	8015.527	0.088
10015.609	37141.27	23.0	10021.298	10015.586	-0.023
8015.134	36359.22	23.0	8020.625	8015.146	0.012
6015.065	35556.96	23.1	6020.322	6015.076	0.011
4014.903	34732.79	23.1	4019.779	4014.767	-0.136
2014.876	33885.32	23.1	2019.568	2014.788	-0.088
14.547	33012.58	23.1	19.386	14.839	0.292

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

