

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0428
CALIBRATION DATE: 07-Aug-14

SBE 9plus PRESSURE CALIBRATION DATA
FSR: 10000 psia S/N 64256

DIGIQUARTZ COEFFICIENTS:

C1 = -5.693573e+004
C2 = -1.144740e+000
C3 = 1.928190e-002
D1 = 4.216200e-002
D2 = 0.000000e+000
T1 = 2.996610e+001
T2 = -6.637289e-004
T3 = 4.391770e-006
T4 = 1.891030e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.12264e-002
AD590B = -8.73125e+000
Slope = 1.00000
Offset = -0.3046 (dbars)

PRESSURE (PSIA)	INST OUTPUT (Hz)	INST TEMP (C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.642	33390.20	23.5	15.305	14.863	0.221
2001.398	33966.50	23.6	2001.557	2001.121	-0.277
3988.295	34531.80	23.6	3988.807	3988.376	0.081
5975.312	35086.30	23.7	5975.713	5975.286	-0.026
7962.530	35630.70	23.7	7962.968	7962.547	0.017
9949.912	36165.40	23.7	9950.304	9949.889	-0.023
7962.720	35630.80	23.7	7963.272	7962.851	0.131
5975.213	35086.30	23.7	5975.582	5975.156	-0.057
3988.488	34531.90	23.8	3988.940	3988.509	0.021
2001.670	33966.70	23.8	2001.953	2001.517	-0.153
14.639	33390.30	23.8	15.147	14.705	0.066

Residual = corrected instrument pressure - reference pressure

