

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0511
CALIBRATION DATE: 01-Oct-12

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 70768

DIGIQUARTZ COEFFICIENTS:

C1 = -5.006884e+004
C2 = -1.104210e+000
C3 = 1.561210e-002
D1 = 4.029500e-002
D2 = 0.000000e+000
T1 = 2.992485e+001
T2 = -6.269641e-004
T3 = 4.621850e-006
T4 = -1.599760e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.27630e-002
AD590B = -9.68095e+000
Slope = 0.99991
Offset = -1.2378 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.744	33435.96	22.7	16.981	15.186	0.441
2015.084	34095.76	22.8	2017.022	2015.044	-0.041
4015.083	34741.05	22.8	4017.307	4015.145	0.062
6014.965	35372.52	22.8	6017.429	6015.084	0.119
8015.021	35990.98	22.9	8017.600	8015.072	0.051
10015.246	36597.11	22.9	10017.787	10015.076	-0.170
8015.033	35991.00	22.9	8017.598	8015.071	0.038
6015.015	35372.55	22.9	6017.463	6015.118	0.103
4014.997	34741.04	22.9	4017.129	4014.967	-0.029
2015.065	34095.77	22.9	2016.842	2014.864	-0.201
14.741	33435.80	22.9	16.162	14.366	-0.375

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

