

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0462
CALIBRATION DATE: 15-Mar-12

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 63505

DIGIQUARTZ COEFFICIENTS:

C1 = -4.872453e+004
C2 = 2.143123e-002
C3 = 1.347220e-002
D1 = 3.959500e-002
D2 = 0.000000e+000
T1 = 2.994567e+001
T2 = -2.488396e-004
T3 = 3.985300e-006
T4 = 7.998620e-010
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.28205e-002
AD590B = -9.11154e+000
Slope = 0.99989
Offset = -1.7458 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.421	33403.57	21.3	17.141	14.609	0.188
2014.736	34081.09	21.4	2017.431	2014.670	-0.066
4014.702	34743.32	21.4	4017.874	4014.885	0.183
6014.872	35391.06	21.5	6018.175	6014.957	0.085
8014.780	36025.13	21.5	8018.411	8014.966	0.186
10015.157	36646.28	21.5	10018.693	10015.019	-0.138
8014.920	36025.10	21.5	8018.309	8014.864	-0.056
6014.788	35391.00	21.6	6017.955	6014.738	-0.049
4014.827	34743.32	21.6	4017.801	4014.812	-0.015
2014.837	34081.10	21.7	2017.382	2014.621	-0.216
14.418	33403.50	21.7	16.845	14.313	-0.105

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

