

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0383
CALIBRATION DATE: 28-Dec-10

SBE9plus PRESSURE CALIBRATION DATA
10000 psia S/N 58939

DIGIQUARTZ COEFFICIENTS:

C1 = -4.928049e+004
C2 = -5.591409e-001
C3 = 1.510530e-002
D1 = 3.944700e-002
D2 = 0.000000e+000
T1 = 3.017493e+001
T2 = -4.671701e-004
T3 = 3.967900e-006
T4 = 3.098920e-009
T5 = 0.000000e+000

AD590M, AD590B, SLOPE AND OFFSET:

AD590M = 1.13500e-002
AD590B = -8.13245e+000
Slope = 0.99998
Offset = 2.5520 (dbars)

PRESSURE (PSIA)	INST OUTPUT(Hz)	INST TEMP(C)	INST OUTPUT (PSIA)	CORRECTED INST OUTPUT (PSIA)	RESIDUAL (PSIA)
14.418	33152.68	21.4	10.781	14.482	0.064
2014.787	33817.56	21.5	2011.071	2014.728	-0.060
4014.748	34467.52	21.5	4011.220	4014.831	0.083
6014.608	35103.39	21.7	6011.066	6014.632	0.024
8014.538	35725.98	21.7	8010.924	8014.444	-0.094
10014.878	36336.21	21.7	10011.456	10014.931	0.053
8014.702	35726.07	21.7	8011.150	8014.671	-0.031
6014.599	35103.42	21.8	6011.042	6014.608	0.009
4014.718	34467.58	21.8	4011.155	4014.766	0.048
2014.686	33817.63	21.8	2010.967	2014.624	-0.062
14.407	33152.78	21.8	10.672	14.374	-0.033

Residual = corrected instrument pressure - reference pressure

Date, Avg Offset (psia)

