

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0416
 CALIBRATION DATE: 11-Jun-08

SBE 37 PRESSURE CALIBRATION DATA
 1500 psia S/N 189025

COEFFICIENTS:

PA0 = 4.151837e+000
 PA1 = 6.004721e-002
 PA2 = 1.938395e-008

PTCA0 = 0.000000e+000
 PTCA1 = -1.434239e+000
 PTCA2 = 3.592524e-002
 PTCB0 = 0.000000e+000
 PTCB1 = 0.000000e+000
 PTCB2 = 0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.74	159.9	20.1	14.61	-0.01
310.36	5066.6	20.2	309.75	-0.04
607.12	9984.4	20.2	606.48	-0.04
903.81	14888.8	20.2	903.35	-0.03
1200.61	19778.1	20.2	1200.22	-0.03
1497.36	24654.3	20.2	1497.23	-0.01
1200.65	19792.5	20.2	1201.10	0.03
903.88	14912.5	20.3	904.78	0.06
607.10	9998.4	20.4	607.33	0.02
310.39	5085.3	20.4	310.87	0.03
14.74	166.7	20.5	15.02	0.02

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	176.80		
29.00	170.36		
24.00	169.16		
18.50	168.15		
15.00	170.69		
4.50	182.25		
1.00	178.73		

$$n = \text{instrument output} - (\text{PTCA1} * t - \text{PTCA2} * t^2)$$

$$\text{pressure (psia)} = \text{PA0} + \text{PA1} * n + \text{PA2} * n^2$$

Date, Avg Delta P %FS

11-Jun-08 -0.00

