

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 1242
 CALIBRATION DATE: 11-Jun-08

SBE 37 PRESSURE CALIBRATION DATA
 1500 psia S/N 193459

COEFFICIENTS:

PA0 = -1.184395e+001
 PA1 = 6.004218e-002
 PA2 = 2.212989e-008

PTCA0 = 0.000000e+000
 PTCA1 = 3.007306e-001
 PTCA2 = 1.949246e-003
 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	448.5	20.1	14.68	-0.00
310.36	5352.4	20.2	309.75	-0.04
607.12	10265.1	20.2	606.41	-0.05
903.81	15163.3	20.2	903.26	-0.04
1200.61	20047.0	20.2	1200.30	-0.02
1497.36	24910.5	20.2	1497.15	-0.01
1200.65	20061.6	20.2	1201.19	0.04
903.88	15189.3	20.3	904.84	0.06
607.10	10280.5	20.4	607.34	0.02
310.39	5370.9	20.4	310.86	0.03
14.74	453.8	20.5	14.99	0.02

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	463.50		
29.00	461.81		
24.00	459.81		
18.50	457.79		
15.00	456.66		
4.50	452.87		
1.00	451.89		

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

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

Date, Avg Delta P %FS

11-Jun-08 -0.00

