

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0819
 CALIBRATION DATE: 05-Dec-07

SBE 37 PRESSURE CALIBRATION DATA
 1500 psia S/N 192103

COEFFICIENTS:

PA0 = 2.554710e+000
 PA1 = 6.014756e-002
 PA2 = 1.911005e-008

PTCA0 = 0.000000e+000
 PTCA1 = 8.323304e-001
 PTCA2 = 2.698592e-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
14.66	227.4	20.9	14.48	-0.01
311.19	5136.9	20.8	310.28	-0.06
607.97	10045.6	20.8	606.94	-0.07
904.73	14945.7	20.8	904.01	-0.05
1201.59	19836.0	20.8	1201.39	-0.01
1498.36	24701.9	20.8	1498.20	-0.01
1201.53	19845.2	20.8	1201.95	0.03
904.53	14967.8	20.8	905.35	0.05
607.89	10075.8	20.8	608.78	0.06
311.11	5162.6	20.8	311.83	0.05
14.65	235.4	20.8	14.97	0.02

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	268.50		
29.00	259.30		
24.00	248.30		
18.50	237.50		
15.00	230.00		
4.50	219.60		
1.00	211.80		

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

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

Date, Avg Delta P %FS

05-Dec-07 -0.00

