

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0827
 CALIBRATION DATE: 29-May-07

SBE 37 PRESSURE CALIBRATION DATA
 1500 psia S/N 192107

COEFFICIENTS:

PA0 = 1.125174e+000
 PA1 = 6.005353e-002
 PA2 = 1.914580e-008

PTCA0 = 0.000000e+000
 PTCA1 = 2.407212e+000
 PTCA2 = 1.447810e-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	282.7	21.7	14.56	-0.01
311.62	5208.9	21.9	310.86	-0.05
608.55	10129.4	22.0	607.77	-0.05
905.69	15042.0	22.0	905.14	-0.04
1202.91	19939.7	22.0	1202.54	-0.03
1500.00	24821.9	22.1	1499.89	-0.01
1202.88	19953.0	22.1	1203.34	0.03
905.70	15064.6	22.1	906.50	0.05
608.67	10154.5	22.1	609.27	0.04
311.41	5229.1	22.4	311.98	0.04
14.65	290.2	22.3	14.90	0.02

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	333.70		
29.00	322.10		
24.00	305.80		
18.50	290.10		
15.00	278.60		
4.50	252.50		
1.00	241.60		

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

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

Date, Avg Delta P %FS

29-May-07 -0.00

