

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0828
 CALIBRATION DATE: 29-May-07

SBE 37 PRESSURE CALIBRATION DATA
 1500 psia S/N 192104

COEFFICIENTS:

PA0 = -4.351928e+000
 PA1 = 6.004892e-002
 PA2 = 1.933129e-008

PTCA0 = 0.000000e+000
 PTCA1 = 1.059062e+000
 PTCA2 = 2.111344e-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	347.9	21.7	14.57	-0.01
311.62	5270.9	21.9	310.69	-0.06
608.55	10195.2	22.0	607.84	-0.05
905.69	15106.6	22.0	905.16	-0.04
1202.91	20004.0	22.0	1202.56	-0.02
1500.00	24885.3	22.1	1499.90	-0.01
1202.88	20016.3	22.1	1203.30	0.03
905.70	15128.2	22.1	906.46	0.05
608.67	10218.5	22.1	609.24	0.04
311.41	5296.0	22.4	312.14	0.05
14.65	354.6	22.3	14.90	0.02

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	381.00		
29.00	371.50		
24.00	360.30		
18.50	350.80		
15.00	344.40		
4.50	329.50		
1.00	324.00		

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

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

Date, Avg Delta P %FS

29-May-07 -0.00

