

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0829
 CALIBRATION DATE: 29-May-07

SBE 37 PRESSURE CALIBRATION DATA
 1500 psia S/N 192105

COEFFICIENTS:

PA0 = -2.346396e+000
 PA1 = 6.013437e-002
 PA2 = 1.892913e-008

PTCA0 = 0.000000e+000
 PTCA1 = -1.201268e+001
 PTCA2 = 4.361163e-001
 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	228.2	21.7	14.71	0.00
311.62	5148.7	21.9	311.02	-0.04
608.55	10062.5	22.0	607.89	-0.04
905.69	14967.6	22.0	905.18	-0.03
1202.91	19859.2	22.0	1202.57	-0.02
1500.00	24735.6	22.1	1499.92	-0.01
1202.88	19871.1	22.1	1203.27	0.03
905.70	14988.5	22.1	906.43	0.05
608.67	10085.0	22.1	609.21	0.04
311.41	5165.8	22.4	311.81	0.03
14.65	232.9	22.3	14.74	0.01

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	273.20		
29.00	262.30		
24.00	247.60		
18.50	0.00		
15.00	223.80		
4.50	200.80		
1.00	192.30		

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

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

Date, Avg Delta P %FS

29-May-07 -0.00

