

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0829

CALIBRATION DATE: 01-Jul-10

SBE 37 PRESSURE CALIBRATION DATA

1500 psia S/N 192105

COEFFICIENTS:

PA0 = 4.184005e+000

PA1 = 6.013396e-002

PA2 = 1.892858e-008

PTCA0 = 0.000000e+000

PTCA1 = 1.776987e+000

PTCA2 = 2.144798e-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
14.59	226.5	23.7	14.55	-0.00
314.83	5203.8	23.7	314.35	-0.03
614.85	10162.7	23.7	613.98	-0.06
914.82	15114.9	23.8	914.12	-0.05
1214.83	20056.7	23.9	1214.56	-0.02
1464.87	24161.0	23.9	1464.79	-0.01
1214.78	20067.0	23.9	1215.18	0.03
914.80	15137.8	23.9	915.50	0.05
614.80	10189.6	24.0	615.56	0.05
314.88	5222.2	24.1	315.40	0.03
14.59	229.2	24.1	14.64	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	269.20		
29.00	258.52		
24.00	243.82		
18.50	229.09		
15.00	219.48		
4.50	198.88		
1.00	189.53		

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

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

Date, Avg Delta P %FS

01-Jul-10 -0.00

