

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0826

CALIBRATION DATE: 16-Apr-12

SBE 37 PRESSURE CALIBRATION DATA

1500 psia S/N 192106

COEFFICIENTS:

PA0 = 9.845679e+000

PA1 = 6.009321e-002

PA2 = 2.082244e-008

PTCA0 = 0.000000e+000

PTCA1 = 3.763375e+000

PTCA2 = 1.278649e-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
14.56	166.7	23.1	14.23	-0.02
314.87	5158.4	23.1	314.73	-0.01
614.87	10115.3	23.1	614.16	-0.05
914.86	15064.4	23.1	914.15	-0.05
1214.91	20002.6	23.1	1214.49	-0.03
1514.93	24926.5	23.1	1514.97	0.00
1214.89	20016.8	23.1	1215.35	0.03
914.87	15085.7	23.1	915.44	0.04
614.86	10135.5	23.1	615.39	0.03
314.80	5169.6	23.1	315.41	0.04
14.56	174.3	23.1	14.69	0.01

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	233.70		
29.00	216.90		
24.00	195.56		
18.50	172.68		
15.00	156.49		
4.50	113.86		
1.00	102.19		

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

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

Date, Avg Delta P %FS

16-Apr-12 -0.00

