

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 1242
 CALIBRATION DATE: 04-Dec-06

SBE 37 PRESSURE CALIBRATION DATA
 1500 psia S/N 193459

COEFFICIENTS:

PA0 = -1.202480e+001
 PA1 = 6.006044e-002
 PA2 = 2.254276e-008

PTCA0 = 0.000000e+000
 PTCA1 = 4.164809e-001
 PTCA2 = 2.552746e-003
 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
14.75	454.6	23.0	14.63	-0.01
607.26	10263.7	23.0	606.13	-0.07
903.29	15152.7	23.0	902.57	-0.05
1199.46	20023.4	23.0	1198.96	-0.03
1495.60	24880.7	23.0	1495.60	0.00
1199.53	20040.5	23.0	1200.00	0.03
903.25	15178.4	23.0	904.13	0.06
606.61	10283.4	23.0	607.32	0.05
297.35	5159.2	23.0	297.78	0.03
14.75	456.1	23.0	14.72	-0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	464.50		
24.00	459.50		
18.50	456.80		
15.00	455.00		
4.50	450.40		
1.00	448.40		

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

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

Date, Avg Delta P %FS

04-Dec-06 0.00

