Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2337
CALIBRATION DATE: 04-Feb-14

SBE 37 PRESSURE CALIBRATION DATA
1450 psia S/N 1454

COEFFICIENTS:

PA0 =	-1.752083e+000	PTCA0 =	-1.754113e+002
PA1 =	6.890052e-002	PTCA1 =	-1.126115e+000
PA2 =	-4.863779e-009	PTCA2 =	-1.619943e-003
		PTCB0 =	2.481212e+001
		PTCB1 =	4.250000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.75	39.0	21.9	14.77	0.00
588.35	8373.1	21.8	588.41	0.00
875.45	12547.3	21.8	875.48	0.00
1162.45	16722.7	21.8	1162.45	0.00
1449.38	20899.5	21.8	1449.36	-0.00
1162.39	16721.6	21.9	1162.38	-0.00
875.35	12546.0	21.8	875.39	0.00
588.49	8373.0	21.8	588.40	-0.01
301.55	4203.3	21.8	301.48	-0.01
14.76	39.1	22.0	14.78	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	37.20	-5.00	24.81
29.00	41.66	35.00	24.83
24.00	47.75		
18.50	54.15		
15.00	58.11		
4.50	70.65		
1.00	74.32		

x = pressure output - PTCA0 - PTCA1 * t - PTCA2 * t^2

n = x * PTCB0 / (PTCB0 + PTCB1 * t + PTCB2 * t^2)

pressure (psia) = PA0 + PA1 * n + PA2 * n^2