Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3766
CALIBRATION DATE: 09-Dec-11

SBE 37 PRESSURE CALIBRATION DATA
1450 psia S/N 5755

COEFFICIENTS:

PA0 =	2.589199e-001	PTCA0 =	-1.909833e+002
PA1 =	6.916728e-002	PTCA1 =	3.339709e-003
PA2 =	-4.093505e-009	PTCA2 =	7.654686e-003
		PTCB0 =	2.473400e+001
		PTCB1 =	4.000000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.76	22.6	21.9	14.77	0.00
315.06	4366.8	22.0	315.05	-0.00
615.10	8708.9	22.0	615.04	-0.00
915.10	13053.9	22.0	915.07	-0.00
1215.12	17401.4	22.0	1215.12	-0.00
1465.16	21025.6	22.0	1465.13	-0.00
1215.09	17401.8	22.0	1215.14	0.00
915.09	13054.5	22.0	915.11	0.00
615.05	8709.4	22.0	615.07	0.00
315.06	4367.3	22.0	315.08	0.00
14.76	22.5	22.1	14.76	-0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	39.79	-5.00	24.73
29.00	38.68	35.00	24.75
24.00	36.71		
18.50	34.43		
15.00	33.36		
4.50	32.20		
1.00	31.87		

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