SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2336
CALIBRATION DATE: 20-Jan-11

SBE 37 PRESSURE CALIBRATION DATA
1450 psia S/N 1453

COEFFICIENTS:

PA0 =	3.934127e-001	PTCA0 =	5.701584e+001
PA1 =	6.901567e-002	PTCA1 =	3.405839e-001
PA2 =	-4.488052e-009	PTCA2 =	-3.542898e-003
		PTCB0 =	2.507525e+001
		PTCB1 =	6.500000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.77	271.4	21.6	14.79	0.00
315.13	4626.7	21.6	315.11	-0.00
615.07	8978.8	21.7	615.04	-0.00
915.09	13334.1	21.7	915.02	-0.00
1215.11	17692.4	21.7	1215.04	-0.00
1465.09	21326.6	21.6	1465.09	-0.00
1214.99	17692.7	21.7	1215.06	0.00
915.00	13334.9	21.7	915.08	0.01
615.00	8978.7	21.7	615.03	0.00
315.15	4627.4	21.7	315.16	0.00
14.77	271.1	21.8	14.76	-0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	284.38	-5.00	25.07
29.00	283.98	35.00	25.10
24.00	283.40		
18.50	282.24		
15.00	281.26		
4.50	278.54		
1.00	277.49		

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