SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 3777
CALIBRATION DATE: 02-Jun-08

SBE 37 PRESSURE CALIBRATION DATA
10153 psia S/N 6172

COEFFICIENTS:

PA0 =	2.775943e+000	PTCA0 =	-1.346970e+001
PA1 =	4.853371e-001	PTCA1 =	6.438449e-002
PA2 =	-4.894563e-007	PTCA2 =	8.790957e-003
		PTCB0 =	2.494788e+001
		PTCB1 =	-6.250000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.66	17.1	22.1	14.84	0.00
2001.49	4123.2	22.3	2000.40	-0.01
3988.64	8267.9	22.3	3987.90	-0.01
5975.73	12449.1	22.3	5975.85	0.00
7962.85	16665.7	22.3	7963.28	0.00
9950.23	20916.8	22.3	9949.33	-0.01
7962.66	16666.1	22.3	7963.47	0.01
5975.59	12449.9	22.4	5976.22	0.01
3988.51	8269.3	22.4	3988.56	0.00
2001.39	4124.7	22.4	2001.10	-0.00
14.65	18.5	22.5	15.44	0.01

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	24.16	-5.00	24.95
29.00	22.14	35.00	24.93
24.00	19.48		
18.50	17.01		
15.00	15.71		
4.50	13.36		
1.00	12.87		

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