SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 3722
CALIBRATION DATE: 01-Dec-10

SBE 37 PRESSURE CALIBRATION DATA
10153 psia S/N 6174

COEFFICIENTS:

PA0 =	8.326055e-001	PTCA0 =	-2.033604e+001
PA1 =	4.916539e-001	PTCA1 =	-5.185841e-002
PA2 =	-4.895261e-007	PTCA2 =	5.988916e-003
		PTCB0 =	2.458963e+001
		PTCB1 =	9.250000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.65	10.4	21.7	15.10	0.00
2014.85	4096.3	21.7	2014.03	-0.01
4014.87	8218.6	21.7	4014.24	-0.01
6014.96	12376.3	21.8	6014.77	-0.00
8014.90	16568.4	21.8	8014.76	-0.00
10014.84	20795.7	21.8	10014.16	-0.01
8014.68	16570.4	21.8	8015.71	0.01
6014.72	12378.0	21.8	6015.58	0.01
4014.68	8219.9	21.8	4014.84	0.00
2014.73	4096.9	21.8	2014.31	-0.00
14.65	10.3	21.9	15.03	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	14.25	-5.00	24.59
29.00	13.28	35.00	24.62
24.00	11.95		
18.50	10.73		
15.00	10.18		
4.50	9.62		
1.00	9.61		

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