SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 3531
CALIBRATION DATE: 24-Jul-07

SBE 37 PRESSURE CALIBRATION DATA
508 psia S/N 4979

COEFFICIENTS:

PA0 =	-1.621966e-002	PTCA0 =	9.491881e+001
PA1 =	2.409920e-002	PTCA1 =	7.626799e-002
PA2 =	1.589910e-009	PTCA2 =	-5.321921e-003
		PTCB0 =	2.512800e+001
		PTCB1 =	-1.400000e-003
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.68	703.1	20.5	14.67	-0.00
107.40	4543.0	20.7	107.35	-0.01
207.30	8679.9	20.7	207.25	-0.01
307.34	12818.3	20.7	307.24	-0.02
407.25	16956.9	20.8	407.29	0.01
507.29	21091.3	20.7	507.28	-0.00
407.35	16959.3	20.7	407.34	-0.00
307.29	12822.8	20.7	307.34	0.01
207.31	8686.0	20.8	207.40	0.02
107.28	4541.3	20.7	107.31	0.01
14.68	703.9	20.8	14.69	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	732.68	-5.00	25.14
29.00	733.41	35.00	25.08
24.00	734.40		
18.50	735.37		
15.00	735.75		
4.50	735.99		
1.00	735.78		

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