SEA-BIRD ELECTRONICS, INC.

1808 136th Place N.E., Bellevue, Washington, 98005 USA

Phone: (425) 643 - 9866 Fax (425) 643 - 9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 3937
CALIBRATION DATE: 13-Nov-06

SBE 37 PRESSURE CALIBRATION DATA
10153 psia S/N 7328

COEFFICIENTS:

PA0 =	3.617880e+000	PTCA0 =	1.964408e+001
PA1 =	4.951573e-001	PTCA1 =	4.949851e-001
PA2 =	-4.864960e-007	PTCA2 =	-6.712365e-003
		PTCB0 =	2.455075e+001
		PTCB1 =	3.150000e-003
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.41	49.1	20.5	14.55	0.00
2001.27	4087.7	20.6	2001.03	-0.00
3988.20	8159.4	20.7	3987.76	-0.00
5975.15	12265.7	20.7	5975.16	0.00
7962.28	16406.4	20.8	7962.57	0.00
9949.77	20580.5	20.8	9949.30	-0.00
7962.40	16407.2	20.9	7962.84	0.00
5974.93	12266.2	20.9	5975.22	0.00
3987.86	8159.7	20.9	3987.78	-0.00
2000.77	4087.1	21.0	2000.60	-0.00
14.40	49.4	21.0	14.64	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	53.22	-5.00	24.54
29.00	53.00	35.00	24.66
24.00	52.30		
18.50	51.11		
15.00	50.11		
4.50	46.41		
1.00	44.71		

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