SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 3936
CALIBRATION DATE: 13-Nov-06

SBE 37 PRESSURE CALIBRATION DATA
10153 psia S/N 7325

COEFFICIENTS:

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PA0 =    1.983494e+000
PA1 =    4.883613e-001
PA2 =   -4.682396e-007

PTCA0 = -1.320813e+001
PTCA1 =  3.120087e-001
PTCA2 = -5.529649e-003
PTCB0 =  2.482850e+001
PTCB1 =  7.000000e-004
PTCB2 =  0.000000e+000
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PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.41	16.4	20.4	14.45	0.00
2001.27	4103.2	20.5	2001.22	-0.00
3988.20	8222.1	20.5	3987.78	-0.00
5975.15	12376.0	20.6	5975.15	0.00
7962.28	16564.3	20.6	7962.64	0.00
9949.77	20785.9	20.7	9949.30	-0.00
7962.40	16564.7	20.7	7962.80	0.00
5974.93	12376.2	20.8	5975.20	0.00
3987.86	8221.9	20.8	3987.65	-0.00
2000.77	4101.9	20.8	2000.56	-0.00
14.40	16.9	20.9	14.67	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	18.34	-5.00	24.82
29.00	18.50	35.00	24.85
24.00	18.40		
18.50	17.96		
15.00	17.47		
4.50	15.36		
1.00	14.39		

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