SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 3534
CALIBRATION DATE: 28-Aug-06

SBE 37 PRESSURE CALIBRATION DATA
508 psia S/N 5296

COEFFICIENTS:

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PA0 =   -6.070422e-002
PA1 =    2.410315e-002
PA2 =    1.785571e-009

PTCA0 = -6.160133e+002
PTCA1 =  7.459370e-002
PTCA2 = -8.849182e-003
PTCB0 =  2.422388e+001
PTCB1 = -2.250000e-004
PTCB2 =  0.000000e+000
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PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.58	-10.9	21.6	14.59	0.00
104.70	3724.8	21.7	104.68	-0.00
204.70	7868.6	21.7	204.68	-0.00
304.69	12009.3	21.7	304.66	-0.01
404.66	16147.7	21.7	404.64	-0.00
504.64	20283.8	21.7	504.63	-0.00
404.65	16148.8	21.8	404.67	0.00
304.66	12010.6	21.8	304.69	0.01
204.68	7869.8	21.8	204.71	0.00
104.70	3726.2	21.8	104.72	0.00
14.57	-11.8	21.8	14.57	-0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	26.80	-5.00	24.23
29.00	27.90	35.00	24.22
24.00	30.30		
18.50	31.80		
15.00	32.80		
4.50	33.60		
1.00	33.60		

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