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: 3535
CALIBRATION DATE: 28-Aug-06

SBE 37 PRESSURE CALIBRATION DATA
508 psia S/N 5297

COEFFICIENTS:

```
PA0 =   -7.341997e-002
PA1 =    2.411739e-002
PA2 =    1.893879e-009

PTCA0 = -5.665630e+002
PTCA1 =  6.121522e-002
PTCA2 = -9.434959e-003
PTCB0 =  2.423275e+001
PTCB1 =  1.500000e-004
PTCB2 =  0.000000e+000
```

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.58	36.7	21.5	14.55	-0.01
104.69	3773.5	21.6	104.69	0.00
204.62	7912.4	21.6	204.60	-0.00
304.64	12052.9	21.6	304.61	-0.01
404.62	16189.9	21.6	404.60	-0.00
504.60	20324.6	21.6	504.60	0.00
404.61	16191.2	21.7	404.63	0.01
304.63	12054.3	21.7	304.64	0.00
204.64	7914.5	21.7	204.65	0.00
104.66	3773.0	21.7	104.68	0.00
14.58	38.6	21.8	14.60	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	73.20	-5.00	24.23
29.00	74.60	35.00	24.24
24.00	77.60		
18.50	78.90		
15.00	79.70		
4.50	81.30		
1.00	81.10		

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