Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 4303
CALIBRATION DATE: 07-Dec-12

SBE 37 PRESSURE CALIBRATION DATA
10153 psia S/N 8843

COEFFICIENTS:

PA0 =	1.211849e+000	PTCA0 =	-5.976543e+001
PA1 =	4.894177e-001	PTCA1 =	2.046657e-001
PA2 =	-4.885041e-007	PTCA2 =	-4.188135e-003
		PTCB0 =	2.484362e+001
		PTCB1 =	-1.475000e-003
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.60	-29.7	21.9	14.73	0.00
2000.69	4038.4	22.0	2000.12	-0.01
3987.50	8143.3	22.0	3987.04	-0.00
5974.91	12284.6	22.0	5974.85	-0.00
7961.51	16459.1	22.0	7961.59	0.00
9949.23	20670.4	22.1	9948.61	-0.01
7965.17	16468.3	22.1	7965.99	0.01
5972.62	12281.1	22.0	5973.17	0.01
3989.92	8148.9	22.1	3989.76	-0.00
2003.27	4044.5	22.2	2003.11	-0.00
14.58	-29.1	22.2	15.02	0.00

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	-29.21	-5.00	24.85
29.00	-28.97	35.00	24.79
24.00	-28.88		
18.50	-29.07		
15.00	-29.33		
4.50	-30.52		
1.00	-31.24		

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