Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 3777
CALIBRATION DATE: 17-Apr-12

SBE 37 PRESSURE CALIBRATION DATA
10153 psia S/N 6172

COEFFICIENTS:

PA0 =	2.829214e+000	PTCA0 =	-1.210555e+001
PA1 =	4.853558e-001	PTCA1 =	4.953472e-002
PA2 =	-4.896336e-007	PTCA2 =	8.859033e-003
		PTCB0 =	2.494788e+001
		PTCB1 =	-6.250000e-004
		PTCB2 =	0.000000e+000

PRESSURE SPAN CALIBRATION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS
14.66	19.0	23.0	15.11	0.00
2001.67	4124.7	22.9	2000.63	-0.01
3988.26	8268.4	23.0	3987.75	-0.01
5974.86	12448.2	22.9	5975.14	0.00
7961.61	16663.6	22.9	7962.10	0.00
9948.61	20913.5	22.9	9947.69	-0.01
7961.74	16664.4	22.9	7962.48	0.01
5974.70	12448.6	22.9	5975.33	0.01
3988.19	8268.9	22.8	3988.01	-0.00
2001.54	4125.4	22.8	2000.99	-0.01
14.66	19.3	22.8	15.30	0.01

THERMAL CORRECTION

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	24.67	-5.00	24.95
29.00	22.67	35.00	24.93
24.00	20.06		
18.50	17.65		
15.00	16.45		
4.50	14.19		
1.00	13.77		

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