## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3762 CALIBRATION DATE: 04-Feb-14

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 5751

## COEFFICIENTS:

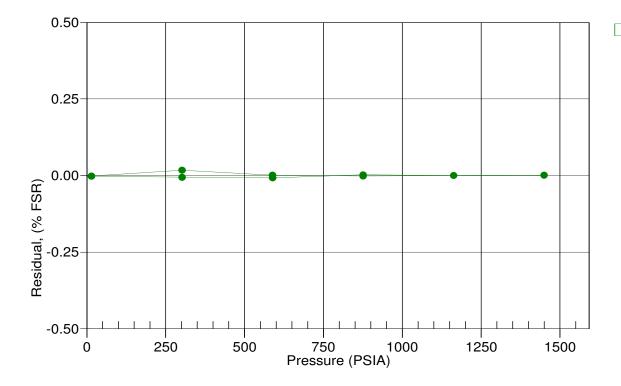
PA0 =	2.659704e-001	PTCA0 =	-1.896087e+002
PA1 =	6.730937e-002	PTCA1 =	1.338081e-001
PA2 =	-2.408264e-009	PTCA2 =	2.534916e-003
		PTCB0 =	2.540563e+001
		PTCB1 =	1.250000e-004

PTCB2 = 0.000000e+000

PRESSURE S PRESSURE PSIA	PAN CALIB INST OUTPUT		OMPUTED PRESSURE	ERROR %FS	THER) TEMP ITS90	MAL CORRE INST OUTPUT	ECTION TEMP ITS90	SPAN MV
14.73	28.7	21.1	14.69	-0.00	32.50	44.12	-5.00	25.41
301.59	4291.0	21.1	301.51	-0.01	29.00	43.35	35.00	25.41
588.61	8557.1	21.1	588.49	-0.01	24.00	42.10		
875.37	12823.5	21.0	875.41	0.00	18.50	40.60		
1162.49	17093.6	21.0	1162.48	-0.00	15.00	39.57		
1449.41	21363.0	21.0	1449.43	0.00	4.50	37.96		
875.48	12824.2	21.0	875.45	-0.00	1.00	37.30		
588.41	8556.0	21.0	588.42	0.00				
301.45	4293.8	21.0	301.70	0.02				
14.74	29.0	21.0	14.71	-0.00				

x = pressure output - PTCA0 - PTCA1 \* t - PTCA2 \*  $t^2$ n = x \* PTCB0 / (PTCB0 + PTCB1 \* t + PTCB2 \*  $t^2$ ) pressure (psia) = PA0 + PA1 \* n + PA2 \*  $n^2$ 

Date, Avg Delta P %FS



• 04-Feb-14 -0.00