## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3766 CALIBRATION DATE: 04-Feb-14

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 5755

## **COEFFICIENTS:**

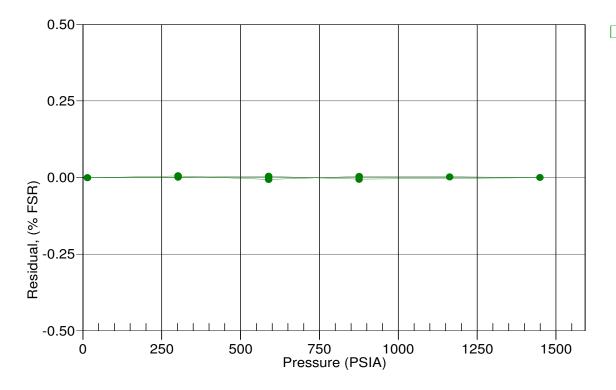
PA0 =	2.362906e-001	PTCA0 = -1.907820e+002
PA1 =	6.918098e-002	PTCA1 = -7.752570e-002
PA2 =	-4.364756e-009	PTCA2 = 1.050320e-002
		PTCB0 = 2.473400e+001
		PTCB1 = 4.000000e-004

PTCB2 = 0.000000e+000

PRESSURE SPAN CALIBRATION PRESSURE INST TEMP COMPUTED ERROR					THERMAL CORRECTION TEMP INST TEMP SPAN			
PSIA	OUTPUT	ITS90	PRESSURE	%FS	ITS90	OUTPUT	ITS90	MV
14.75	22.3	22.1	14.74	-0.00	32.50	34.91	-5.00	24.73
301.46	4170.7	22.2	301.54	0.01	29.00	33.18	35.00	24.75
588.59	8323.4	22.1	588.49	-0.01	24.00	30.80		
875.56	12480.7	22.2	875.61	0.00	18.50	28.62		
1162.42	16636.2	22.1	1162.46	0.00	15.00	27.50		
1449.20	20792.3	22.1	1449.19	-0.00	4.50	26.39		
875.41	12476.6	22.1	875.33	-0.01	1.00	26.40		
588.46	8323.6	22.1	588.51	0.00				
301.54	4170.8	22.2	301.54	0.00				
14.75	22.4	22.2	14.74	-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