## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 4078 CALIBRATION DATE: 04-Feb-14

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 7440

## COEFFICIENTS:

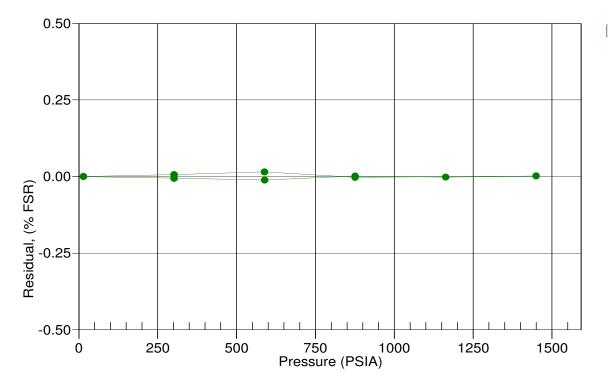
PA0 =	8.184652e-002	PTCA0 = -2.142555e+002
PA1 =	6.858742e-002	PTCA1 = 9.635447e - 002
PA2 =	-3.368322e-009	PTCA2 = -1.886005e-003
		PTCB0 = 2.481450e+001
		PTCB1 = 1.000000e-004

PTCB2 = 0.000000e+000

PRESSURE S PRESSURE PSIA	SPAN CALIB INST OUTPUT		N COMPUTED PRESSURE	ERROR %FS	THERM TEMP ITS90	IAL CORRE INST OUTPUT	CCTION TEMP ITS90	SPAN MV
14.73	0.4	21.1	14.72	-0.00	32.50	12.51	-5.00	24.81
301.59	4183.1	21.1	301.51	-0.01	29.00	12.83	35.00	24.82
588.61	8369.5	21.1	588.44	-0.01	24.00	12.65		
875.37	12558.0	21.1	875.39	0.00	18.50	12.57		
1162.49	16749.9	21.0	1162.46	-0.00	15.00	12.48		
1449.41	20942.2	21.1	1449.44	0.00	4.50	11.87		
875.48	12558.6	21.1	875.43	-0.00	1.00	11.26		
588.41	8372.2	21.1	588.62	0.01				
301.45	4183.5	21.1	301.54	0.01				
14.74	0.6	21.1	14.73	-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