Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3764
CALIBRATION DATE: 04-Feb-14

SBE 37 PRESSURE CALIBRATION DATA
1450 psia S/N 5753

COEFFICIENTS:

PA0 =   3.229820e-001   PTCA0 = -2.179430e+002
PA1 =   6.934496e-002   PTCA1 = 3.674926e-001
PA2 =   -2.255059e-009   PTCA2 = -6.919160e-003
                                 PTCB0 = 2.462988e+001
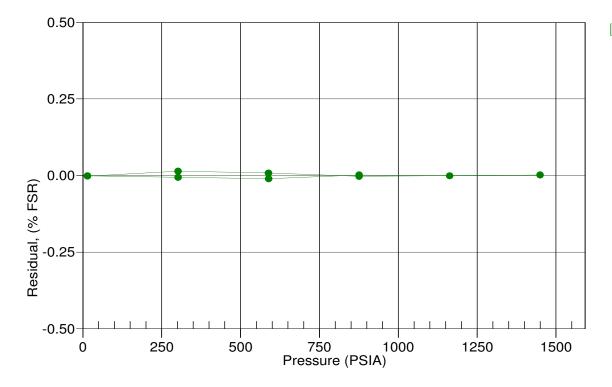   PTCB1 = 1.750000e-004
                                 PTCB2 = 0.000000e+000

PRESSURE SPAN CALIBRATION / THERMAL CORRECTION

PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS	TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
14.73	-5.8	20.9	14.71	-0.00	32.50	6.11	-5.00	24.63
301.59	4131.2	20.9	301.50	-0.01	29.00	6.43	35.00	24.64
588.61	8271.5	20.9	588.45	-0.01	24.00	6.45		
875.37	12412.9	20.9	875.40	0.00	18.50	6.07		
1162.49	16557.3	20.9	1162.47	-0.00	15.00	5.31		
1449.41	20701.2	20.9	1449.44	0.00	4.50	3.10		
875.48	12413.5	20.9	875.44	-0.00	1.00	2.11		
588.41	8272.6	20.9	588.53	0.01				
301.45	4133.4	20.9	301.66	0.01				
14.74	-5.8	21.0	14.71	-0.00				

$x = \text{pressure output} - PTCA0 - PTCA1 * t - PTCA2 * t^2$

$n = x * PTCB0 / (PTCB0 + PTCB1 * t + PTCB2 * t^2)$

$\text{pressure (psia)} = PA0 + PA1 * n + PA2 * n^2$

Date, Avg Delta P %FS

● 04-Feb-14   -0.00