Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2341
CALIBRATION DATE: 04-Feb-14

SBE 37 PRESSURE CALIBRATION DATA
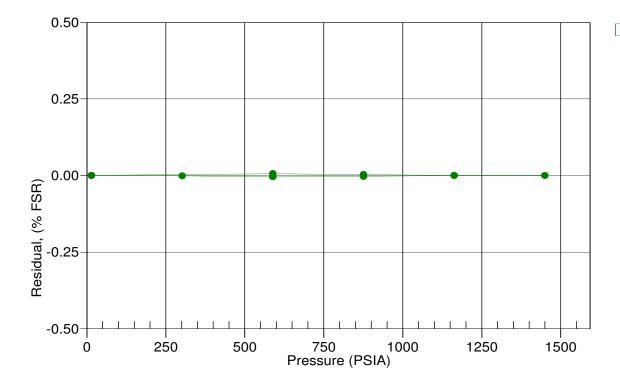1450 psia S/N 1230

COEFFICIENTS:

PA0 = -1.151328e-001	PTCA0 = -2.156386e+002
PA1 = 6.868715e-002	PTCA1 = -8.379614e-002
PA2 = -4.905690e-009	PTCA2 = 3.612934e-004
	PTCB0 = 2.474413e+001
	PTCB1 = -5.750000e-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
14.75	-0.9	22.1	14.76	0.00	32.50	9.95	-5.00	24.75
588.35	8352.0	22.0	588.43	0.01	29.00	10.32	35.00	24.72
875.45	12535.6	22.0	875.50	0.00	24.00	10.80		
1162.45	16720.0	22.0	1162.45	-0.00	18.50	11.11		
1449.38	20906.6	22.0	1449.38	0.00	15.00	10.91		
1162.39	16719.1	22.0	1162.38	-0.00	4.50	11.99		
875.35	12532.9	21.9	875.31	-0.00	1.00	12.38		
588.49	8351.9	21.9	588.42	-0.00				
301.55	4173.5	21.9	301.54	-0.00				
14.76	-0.9	22.1	14.76	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