Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3767 CALIBRATION DATE: 07-Dec-11 SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 5756

COEFFICIENTS:

PA0 =	4.694751e-001
PA1 =	6.918117e-002
PA2 =	-3.324061e-009

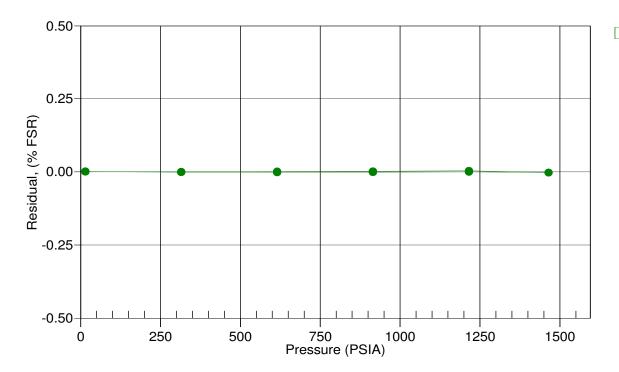
PTCA0	=	-1.992571e+002
PTCA1	=	2.841997e-001
PTCA2	=	7.679875e-004
PTCB0	=	2.469425e+001
PTCB1	=	-5.500000e-004
PTCB2	=	0.000000e+000

PRESSURE SPAN CALIBRATION								
PRESSURE	INST	TEMP	COMPUTED	ERROR				
PSIA	OUTPUT	ITS90	PRESSURE	%FS				
14.82	15.1	22.5	14.84	0.00				
315.11	4354.0	22.6	315.09	-0.00				
615.11	8691.0	22.5	615.08	-0.00				
915.12	13030.1	22.5	915.10	-0.00				
1215.14	17371.3	22.5	1215.13	-0.00				
1465.19	20990.3	22.5	1465.16	-0.00				
1215.13	17372.0	22.5	1215.18	0.00				
915.09	13030.4	22.5	915.12	0.00				
615.10	8691.4	22.5	615.11	0.00				
315.13	4354.5	22.6	315.12	-0.00				
14.82	14.9	22.7	14.82	0.00				

THERMAL CORRECTION								
TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV					
32.50	29.50	-5.00	24.70					
29.00	28.33	35.00	24.68					
24.00	26.82							
18.50	24.96							
15.00	23.80							
4.50	20.89							
1.00	19.67							

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



• 07-Dec-11 0.00