Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2336 CALIBRATION DATE: 08-Dec-11

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 1453

COEFFICIENTS:

PA0 =	3.775819e-001	
PA1 =	6.902142e-002	
PA2 =	-4.636324e-009	

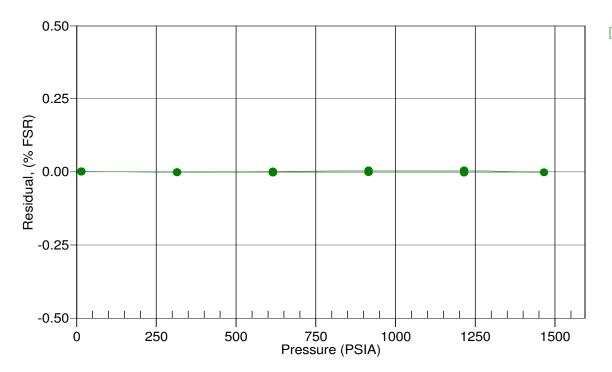
PTCA0	=	5.684794e+001
PTCA1	=	2.896374e-001
PTCA2	=	-1.768147e-003
PTCB0	=	2.507525e+001
PTCB1	=	6.500000e-004
PTCB2	=	0.000000e+000

PRESSURE SPAN CALIBRATION						
	PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS	T. I.
	14.82	272.0	21.8	14.84	0.00	32
	315.18	4626.8	21.9	315.15	-0.00	29
	615.21	8979.9	21.9	615.16	-0.00	24
	915.22	13335.9	22.0	915.20	-0.00	18
	1215.29	17694.6	22.0	1215.25	-0.00	15
	1465.29	21328.4	22.0	1465.26	-0.00	4
	1215.19	17694.7	21.9	1215.26	0.01	1
	915.14	13336.0	21.9	915.21	0.00	
	615.14	8979.8	21.9	615.16	0.00	
	315.16	4626.8	21.9	315.15	-0.00	
	14.82	271.8	22.1	14.82	0.00	

THERMAL CORRECTION						
TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV			
32.50	283.13	-5.00	25.07			
29.00	282.48	35.00	25.10			
24.00	281.62					
18.50	280.37					
15.00	279.46					
4.50	276.88					
1.00	275.89					

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



• 08-Dec-11 -0.00