Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3769 CALIBRATION DATE: 07-Dec-11

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 5759

COEFFICIENTS:

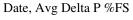
PA0 =	7.423098e-001	
PA1 =	6.875585e-002	
PA2 =	-3.511509e-009	

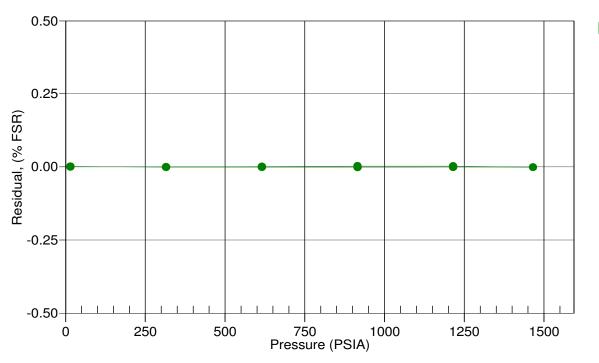
PTCA0	=	-1.717144e+002
PTCA1	=	2.170410e-001
PTCA2	=	1.183027e-002
PTCB0	=	2.484900e+001
PTCB1	=	2.000000e-004
PTCB2	=	0.000000e+000

PRESSURE SPAN CALIBRATION								
PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS				
14.82	44.2	22.4	14.84	0.00				
315.11	4413.2	22.8	315.09	-0.00				
615.11	8780.3	22.8	615.09	-0.00				
915.12	13149.5	22.9	915.09	-0.00				
1215.14	17521.1	23.0	1215.13	-0.00				
1465.19	21165.6	22.9	1465.17	-0.00				
1215.13	17521.6	23.0	1215.17	0.00				
915.09	13150.0	22.9	915.13	0.00				
615.10	8780.8	23.0	615.11	0.00				
315.13	4414.0	23.1	315.13	-0.00				
14 82	44 3	23.2	14.81	-0.00				

THERM TEMP ITS90	IAL CORRE INST OUTPUT	TEMP	SPAN MV
32.50	64.79	-5.00	24.85
29.00	61.32	35.00	24.86
24.00	57.20		
18.50	53.18		
15.00	51.07		
4.50	46.59		
1.00	45.24		

 $x = pressure output - PTCA0 - PTCA1 * t - PTCA2 * t^2$ $n = x * PTCB0 / (PTCB0 + PTCB1 * t + PTCB2 * t^2)$ $pressure (psia) = PA0 + PA1 * n + PA2 * n^2$





• 07-Dec-11 -0.00