Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3770 CALIBRATION DATE: 16-Jan-12

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 6036

COEFFICIENTS:

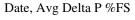
PA0 =	4.000789e-001	
PA1 =	6.906004e-002	
PA2 =	-3.629991e-009	

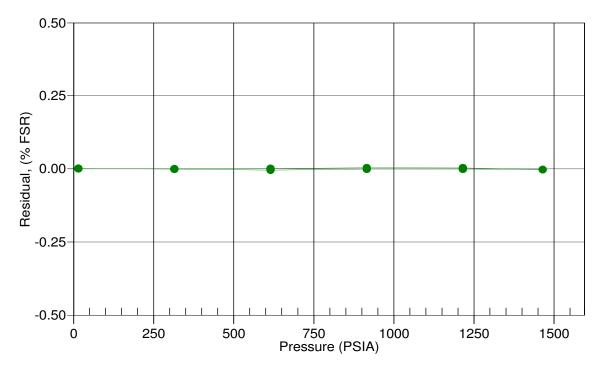
PTCA0	=	-1.740551e+002
PTCA1	=	3.128194e-001
PTCA2	=	-2.073754e-003
PTCB0	=	2.477262e+001
PTCB1	=	-1.075000e-003
PTCB2	=	0.000000e+000

PRESSURE SPAN CALIBRATION							
PRESSURE PSIA	INST OUTPUT	TEMP ITS90	COMPUTED PRESSURE	ERROR %FS			
14.66	38.2	21.6	14.67	0.00			
314.99	4383.7	21.8	314.98	-0.00			
615.01	8726.3	21.8	614.95	-0.00			
914.98	13071.6	21.8	914.97	-0.00			
1215.02	17419.1	21.8	1215.01	-0.00			
1465.05	21043.2	21.9	1465.02	-0.00			
1215.00	17419.7	21.9	1215.05	0.00			
914.98	13072.5	21.9	915.04	0.00			
615.01	8727.3	21.9	615.02	0.00			
315.02	4384.2	21.9	315.01	-0.00			
14.65	38.0	22.0	14.65	0.00			

THER TEMP	MAL CORRI INST	ECTION TEMP	CDAN
ITS90	11 (0 1	1 21.11	SPAN MV
32.50	50.78	-5.00	24.78
29.00	50.18	35.00	24.73
24.00	49.35		
18.50	47.91		
15.00	46.95		
4.50	44.28		
1.00	43.16		

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





● 16-Jan-12 -0.00