Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3762 CALIBRATION DATE: 07-Dec-11

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 5751

COEFFICIENTS:

PA0 =	4.081282e-001	
PA1 =	6.731177e-002	
PA2 =	-3.028896e-009	

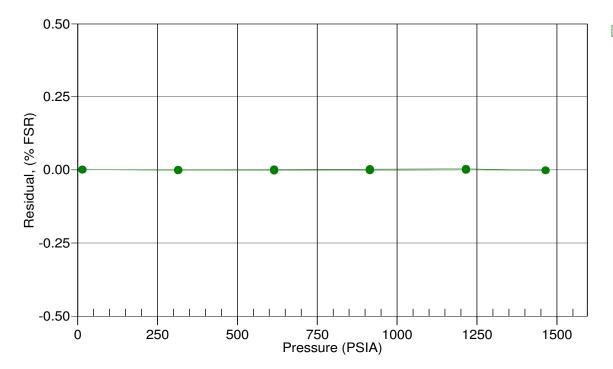
PTCA0	=	-1.895870e+002
PTCA1	=	2.014303e-001
PTCA2	=	3.092581e-003
PTCB0	=	2.540563e+001
PTCB1	=	1.250000e-004
PTCB2	=	0.000000e+000

PRESSURE S PRESSURE PSIA	PAN CALIB INST OUTPUT	RATION TEMP ITS90	OMPUTED PRESSURE	ERROR %FS	THERM TEMP ITS90	AL CORRE INST OUTPUT	CTION TEMP ITS90
14.82	30.8	22.4	14.83	0.00	32.50	45.89	-5.00
315.11	4492.9	22.6	315.08	-0.00	29.00	44.83	35.00
615.11	8953.0	22.6	615.08	-0.00	24.00	43.10	
915.12	13415.1	22.6	915.09	-0.00	18.50	41.02	
1215.14	17879.5	22.6	1215.13	-0.00	15.00	39.61	
1465.19	21601.0	22.5	1465.16	-0.00	4.50	37.51	
1215.13	17880.2	22.5	1215.18	0.00	1.00	36.31	
915.09	13415.6	22.5	915.13	0.00			
615.10	8953.6	22.6	615.12	0.00			
315.13	4493.7	22.6	315.13	0.00			
14.82	30.7	22.7	14.82	0.00			

TEMP ITS90	INST OUTPUT	TEMP ITS90	SPAN MV
32.50	45.89	-5.00	25.41
29.00	44.83	35.00	25.41
24.00	43.10		
18.50	41.02		
15.00	39.61		
4.50 1.00	37.51 36.31		
1.00	30.31		

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

Date, Avg Delta P %FS



• 07-Dec-11 0.00