## **SEA-BIRD ELECTRONICS, INC.**

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SENSOR SERIAL NUMBER: 3767 CALIBRATION DATE: 20-Dec-10

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 5756

## **COEFFICIENTS:**

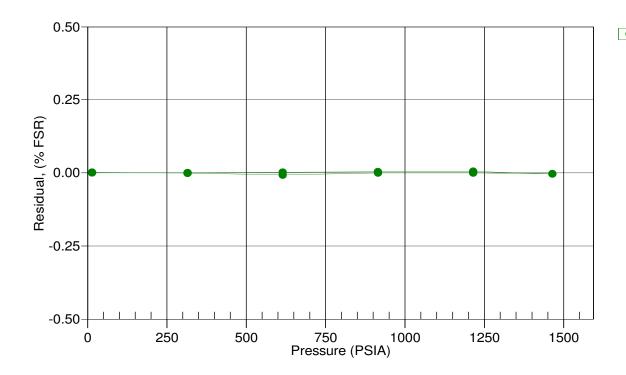
PA0 =	5.132263e-001	
PA1 =	6.917707e-002	
PA2 =	-2.984852e-009	

PTCA0 = -1.992406e+002PTCA1 = 3.305038e-001PTCA2 = 4.434661e-004PTCB0 = 2.469425e+001PTCB1 = -5.500000e-004PTCB2 = 0.000000e+000

PRESSURE SPAN CALIBRATION PRESSURE INST TEMP COMPUTED ERROR					THERMAL CORRECTION TEMP INST TEMP SPAN			
PSIA	OUTPUT	ITS90	PRESSURE	%FS	ITS90	OUTPUT	ITS90	MV
14.34	8.2	21.8	14.36	0.00	32.50	27.70	-5.00	24.70
314.61	4347.2	22.0	314.60	-0.00	29.00	26.62	35.00	24.68
614.64	8683.4	21.9	614.54	-0.01	24.00	25.01		
914.56	13022.4	21.9	914.56	-0.00	18.50	22.88		
1214.59	17363.2	21.9	1214.59	-0.00	15.00	21.38		
1464.60	20980.8	21.9	1464.55	-0.00	4.50	18.28		
1214.54	17363.5	21.9	1214.61	0.00	1.00	16.86		
914.53	13022.8	21.9	914.58	0.00				
614.56	8684.1	21.9	614.59	0.00				
314.63	4347.7	21.9	314.63	0.00				
14.34	8.0	21.9	14.34	0.00				

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

Date, Avg Delta P %FS



20-Dec-10 0.00