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

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SENSOR SERIAL NUMBER: 2355 CALIBRATION DATE: 18-Aug-11 SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 1422

## COEFFICIENTS:

PA0 =	-3.348224e-001	PTCA0 = -1.881789e + 002
PA1 =	6.887296e-002	PTCA1 = -1.225413e-001
PA2 =	-4.093633e-009	PTCA2 = -3.969306e-003
		PTCB0 = 2.481675e+001
		DTCP1 - 1 2500000-003

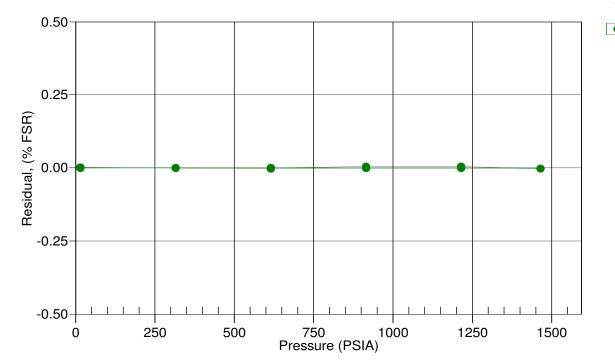
PTCB2 = 0.000000e+000

PRESSURE S PRESSURE PSIA	SPAN CALIB INST OUTPUT	RATION TEMP ITS90	OMPUTED PRESSURE	ERROR %FS	THERM TEMP ITS90	IAL CORRE INST OUTPUT	CCTION TEMP ITS90	SPAN MV
14.70	25.4	22.8	14.73	0.00	32.50	35.18	-5.00	24.82
314.96	4380.8	22.6	314.95	-0.00	29.00	34.26	35.00	24.7
615.00	8735.3	22.6	614.96	-0.00	24.00	36.59		
914.98	13092.1	22.5	914.96	-0.00	18.50	39.06		
1215.01	17451.5	22.4	1214.98	-0.00	15.00	40.15		
1465.07	21086.3	22.5	1465.03	-0.00	4.50	41.76		
1214.96	17452.0	22.5	1215.03	0.00	1.00	42.00		
914.94	13092.6	22.5	914.99	0.00				
614.94	8735.1	22.6	614.94	-0.00				
314.97	4381.2	22.5	314.97	-0.00				
14.70	24.9	22.5	14.69	-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

2



● 18-Aug-11 0.00