SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2357 CALIBRATION DATE: 18-Aug-11 SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 1455

COEFFICIENTS:

PA0 =	-2.826184e+000	
PA1 =	6.866582e-002	
PA2 =	-4.299352e-009	

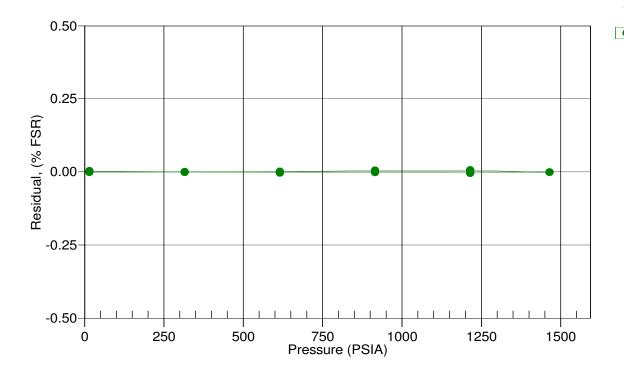
PTCA0	=	-2.001535e+002
PTCA1	=	-1.698221e+000
PTCA2	=	-4.307938e-003
PTCB0	=	2.490162e+001
PTCB1	=	-2.750000e-004
PTCB2	=	0.000000e+000

PRESSURE S PRESSURE PSIA	PAN CALIB INST OUTPUT	RATION TEMP ITS90	COMPUTED PRESSURE	ERROR %FS	TH TE ITS
14.70	14.4	22.9	14.74	0.00	32.
314.96	4387.0	22.8	314.95	-0.00	29.
615.00	8758.6	22.8	614.95	-0.00	24.
914.98	13133.0	22.6	914.95	-0.00	18.
1215.01	17509.4	22.6	1214.95	-0.00	15.
1465.07	21159.6	22.6	1465.04	-0.00	4.
1214.96	17510.6	22.7	1215.05	0.01	1.
914.94	13133.5	22.7	915.00	0.00	
614.94	8758.8	22.7	614.95	0.00	
314.97	4387.5	22.6	314.96	-0.00	
14.70	13.7	22.8	14.67	-0.00	

THERMAL CORRECTION							
TEMP	INST	TEMP	SPAN				
ITS90	OUTPUT	ITS90	MV				
32.50	7.12	-5.00	24.90				
29.00	14.20	35.00	24.89				
24.00	23.80						
18.50	34.13						
15.00	40.40						
4.50	59.19						
1.00	65.33						

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

Date, Avg Delta P %FS



● 18-Aug-11 0.00