SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2332 CALIBRATION DATE: 04-Jan-11

SBE 37 PRESSURE CALIBRATION DATA 1450 psia S/N 0799

COEFFICIENTS:

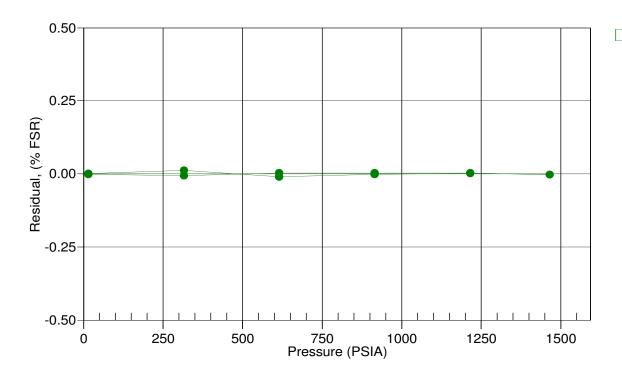
PA0	=	3.979587e-001
PA1	=	6.883576e-002
PA2	=	-5.337483e-009

PTCA0	=	-1.874413e+002
PTCA1	=	3.800534e-001
PTCA2	=	-4.449467e-003
PTCB0	=	2.486613e+001
PTCB1	=	-1.750000e-004
PTCB2	=	0.000000e+000

PRESSURE SPAN CALIBRATION PRESSURE INST TEMP COMPUTED ERI					THERMAL CORRECTION ERROR TEMP INST TEMP SPAN			
PSIA	OUTPUT	ITS90	PRESSURE	%FS	ITS90	OUTPUT	ITS90	MV
14.73	26.6	19.8	14.74	0.00	32.50	40.21	-5.00	24.87
315.26	4395.9	19.9	315.43	0.01	29.00	40.28	35.00	24.86
615.10	8751.1	19.9	614.95	-0.01	24.00	39.62		
915.04	13117.1	19.9	915.01	-0.00	18.50	38.30		
1215.01	17485.6	20.0	1215.04	0.00	15.00	37.20		
1465.07	21127.8	20.0	1465.03	-0.00	4.50	34.45		
1214.99	17485.5	20.0	1215.03	0.00	1.00	33.22		
914.95	13116.8	20.0	914.99	0.00				
614.93	8751.4	20.1	614.97	0.00				
315.12	4390.1	20.1	315.03	-0.01				
14.72	26.1	20.1	14.70	-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



• 04-Jan-11 -0.00