## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1623 CALIBRATION DATE: 07-Dec-11 SBE 39 PRESSURE CALIBRATION DATA 508 psia S/N 5407

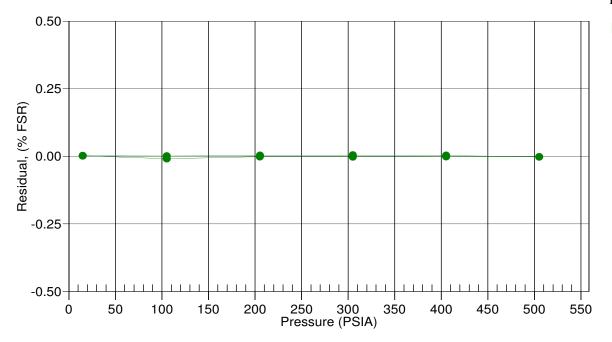
## COEFFICIENTS:

PAO =	1.906876e-001	PTCA0 = -5.844188e + 002
PA1 =	2.408341e-002	PTCA1 = 4.139960e-001
PA2 =	1.560271e-009	PTCA2 = -2.443443e-003
PTHA0 =	-9.249665e+001	PTCB0 = 2.431613e+001
PTHA1 =	4.468237e-002	PTCB1 = -1.575000e-003
PTHA2 =	-3.215812e-007	PTCB2 = 0.000000e+000

PRESSURE SPAN CALIBRATION					THERMAL CORRECTION
PRESSURE PSIA	INST TOUTPUT	THERMISTOR OUTPUT	COMPUTED PRESSURE	ERROR %FSR	TEMP PRESS INST ITS90 TEMP OUTPUT
14.83	30.8	2611.0	14.84	0.00	-1.50 2067.30 35.50
105.05	3768.2	2619.0	105.00	-0.01	4.50 2206.00 37.86
205.05	7912.4	2620.0	205.04	-0.00	11.50 2367.80 40.44
305.06	12053.6	2620.0	305.05	-0.00	18.50 2530.30 42.93
405.07	16192.3	2621.0	405.06	-0.00	25.50 2693.00 45.13
505.07	20328.3	2621.0	505.06	-0.00	32.50 2856.20 46.89
405.10	16194.3	2621.0	405.11	0.00	
305.10	12056.4	2622.0	305.12	0.00	TEMP(ITS90) SPAN(mV)
205.11	7916.0	2622.0	205.13	0.00	-5.00 24.32
105.12	3773.3	2622.0	105.13	0.00	35.00 24.26
14 83	31 0	2625.0	14.84	0.00	

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y = thermistor output; t = PTEMPA0 + PTEMPA1 * y + PTEMPA2 * y^2
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
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Date, Avg Delta P %FS



• 07-Dec-11 -0.00