## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0992 CALIBRATION DATE: 10-Feb-14 SBE 39 PRESSURE CALIBRATION DATA 508 psia S/N 1345

## COEFFICIENTS:

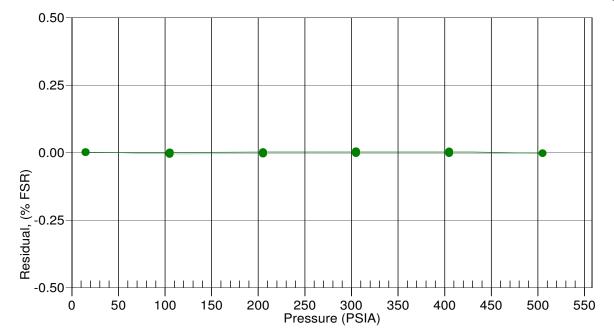
PA0 =	1.358060e+000	PT	CAO =	-6.690124e-001
PA1 =	2.408374e-002	PT	CA1 =	3.526508e+000
PA2 =	1.509177e-009	PT	CA2 =	-4.353324e-002
PTHA0 =	-6.214497e+001	PT	CB0 =	2.499963e+001
PTHA1 =	5.099375e-002	PT	CB1 =	-6.750000e-004
PTHA2 =	-7.108382e-008	PT	CB2 =	0.000000e+000

PRESSURE PRESSURE PSIA		IBRATION THERMISTOR OUTPUT	COMPUTED PRESSURE	ERROR %FSR		ORRECTION LESS INST EMP OUTPUT
14.62	606.3	1652.0	14.63	0.00	-1.50 11	91.30 553.30
104.89	4350.3	1659.0	104.86	-0.01	4.50 13	09.10 587.16
204.90	8497.2	1661.0	204.87	-0.00	11.50 14	47.00 600.91
304.90	12642.1	1661.0	304.89	-0.00	18.50 15	85.00 613.71
404.91	16784.5	1661.0	404.90	-0.00	25.50 17	23.00 625.69
504.92	20924.7	1662.0	504.90	-0.00	32.50 18	60.80 637.32
404.91	16786.1	1662.0	404.94	0.00		
304.92	12644.2	1662.0	304.94	0.00	TEMP(ITS9	0) SPAN(mV)
204.91	8499.5	1662.0	204.93	0.00	-5.00	25.00
104.91	4352.6	1662.0	104.91	0.00	35.00	24.98
14.62	606.8	1661.0	14.62	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)
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pressure (psia) =  $PA0 + PA1 * n + PA2 * n^2$ 

Date, Avg Delta P %FS



• 10-Feb-14 -0.00