## Sea-Bird Electronics, Inc.

## 13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 0990 CALIBRATION DATE: 10-Feb-14

SBE 39 PRESSURE CALIBRATION DATA 508 psia S/N 1256

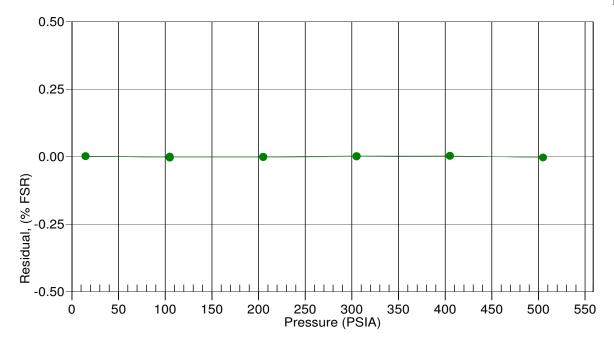
## COEFFICIENTS:

PA0 =	3.696081e-002	PTCA0 =	1.717852e+001
PA1 =	2.405998e-002	PTCA1 =	2.263842e-001
PA2 =	1.641531e-009	PTCA2 =	-7.158636e-003
PTHA0 =	-6.601239e+001	PTCB0 =	2.501713e+001
PTHA1 =	4.940159e-002	PTCB1 =	-1.775000e-003
PTHA2 =	6.153553e-009	PTCB2 =	0.000000e+000

PRESSURE PRESSURE PSIA		IBRATION THERMISTOR OUTPUT	COMPUTED PRESSURE	ERROR %FSR	THERMA TEMP ITS90	L CORREC PRESS TEMP	TION INST OUTPUT
14.62	624.1	1777.0	14.63	0.00	-1.50	1305.70	635.10
104.89	4367.8	1781.0	104.87	-0.00	4.50	1427.00	635.96
204.90	8514.4	1783.0	204.88	-0.00	11.50	1568.70	636.61
304.90	12658.9	1783.0	304.90	-0.00	18.50	1710.30	637.11
404.91	16801.2	1784.0	404.92	0.00	25.50	1852.00	636.49
504.92	20939.3	1784.0	504.90	-0.00	32.50	1993.60	634.72
404.91	16801.3	1783.0	404.92	0.00			
304.92	12659.9	1785.0	304.93	0.00	TEMP(I	TS90)	SPAN(mV)
204.91	8515.6	1783.0	204.91	-0.00	-5.	00	25.03
104.91	4369.4	1783.0	104.91	-0.00	35.	00	24.95
14 62	624.0	1783.0	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)
pressure (psia) = PA0 + PA1 * n + PA2 * n^2
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Date, Avg Delta P %FS



• 10-Feb-14 0.00