## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0987 CALIBRATION DATE: 07-Dec-11 SBE 39 PRESSURE CALIBRATION DATA 508 psia S/N 1327

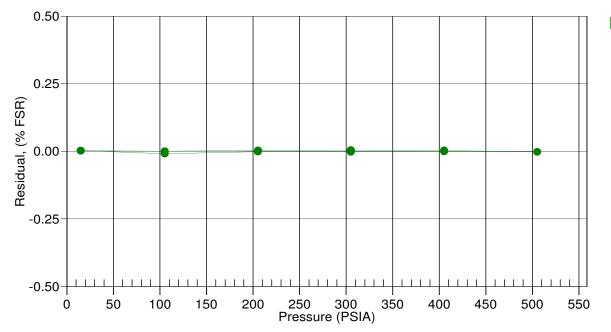
## COEFFICIENTS:

PA0 =	7.773046e-002	PTCA0	=	2.561025e+001
PA1 =	2.427816e-002	PTCA1	=	3.011400e-001
PA2 =	1.488850e-009	PTCA2	=	-7.073716e-003
PTHA0 = -	-6.174592e+001	PTCB0	=	2.485063e+001
PTHA1 =	5.028197e-002	PTCB1	=	-2.750000e-004
PTHA2 = -	-1.139335e-007	PTCB2	=	0.000000e+000

PRESSURE PRESSURE PSIA			COMPUTED PRESSURE	ERROR %FSR		CORRECT PRESS TEMP	ΓΙΟΝ INST OUTPUT
14.83	636.7	1673.0	14.84	0.00	-1.50	1201.30	646.10
105.05	4348.5	1680.0	105.01	-0.01	4.50	1321.60	647.56
205.05	8464.6	1680.0	205.04	-0.00	11.50	1461.30	648.94
305.06	12577.7	1682.0	305.05	-0.00	18.50	1602.00	649.62
405.07	16688.8	1681.0	405.07	-0.00	25.50	1742.10	649.63
505.07	20797.1	1681.0	505.06	-0.00	32.50	1882.30	648.68
405.10	16690.7	1681.0	405.11	0.00			
305.10	12580.7	1680.0	305.12	0.00	TEMP(IT	S90) S	SPAN(mV)
205.11	8468.2	1680.0	205.13	0.00	-5.0	0	24.85
105.12	4353.3	1680.0	105.12	0.00	35.0	0	24.84
14.83	636.6	1684.0	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
```

Date, Avg Delta P %FS



• 07-Dec-11 -0.00