Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1638 CALIBRATION DATE: 07-Dec-11

SBE 39 PRESSURE CALIBRATION DATA 508 psia S/N 5731

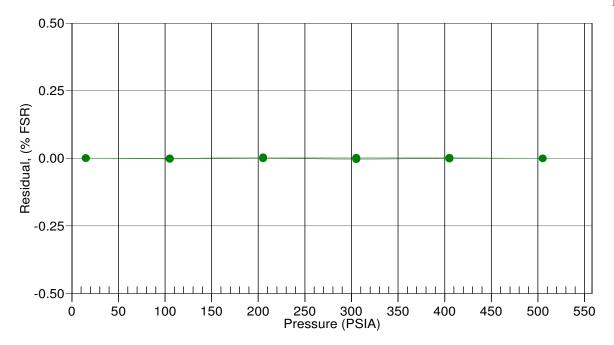
COEFFICIENTS:

PA0 =	8.972052e-002	PTCA0	=	-2.085790e+001
PA1 =	2.402165e-002	PTCA1	=	4.028000e-001
PA2 =	1.545067e-009	PTCA2	=	-1.056420e-002
PTHA0 = -	-8.935125e+001	PTCB0	=	2.498363e+001
PTHA1 =	4.516125e-002	PTCB1	=	-1.275000e-003
PTHA2 = -	-2.957763e-007	PTCB2	=	0.000000e+000

PRESSURE PRESSURE PSIA		_	COMPUTED PRESSURE	ERROR %FSR	THERMA TEMP ITS90	AL CORREC PRESS TEMP	TION INST OUTPUT
14.83	596.0	2513.0	14.84	0.00	-1.50	1970.80	604.70
105.10	4347.3	2519.0	105.08	-0.00	4.50	2107.30	606.66
205.09	8502.3	2520.0	205.09	-0.00	11.50	2266.80	608.44
305.10	12654.4	2520.0	305.08	-0.00	18.50	2426.80	609.13
405.09	16805.0	2520.0	405.09	-0.00	25.50	2587.00	608.64
505.08	20952.7	2520.0	505.08	-0.00	32.50	2747.50	607.09
405.10	16805.7	2519.0	405.11	0.00			
305.11	12655.8	2519.0	305.11	0.00	TEMP (ITS90)	SPAN(mV)
205.10	8503.7	2519.0	205.12	0.00	-5	.00	24.99
105.11	4348.5	2519.0	105.11	-0.00	35	.00	24.94
14.83	595.9	2521.0	14.83	0.00			

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