

SBE SEA-BIRD ELECTRONICS, INC.

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SBE S/N 194652-0775

1 June 1998

Pressure calibration: PAINE 211-75-710-02 500 psia S/N 164921

Temperature Compensation (TC) value = 410

Straight Line Fit:

Pressure(psia) = M * N + B (N = Binary output)

M = -0.06544 B = 251.29

Quadratic Fit:

Pressure(psia) = A0 + A1 * N + A2 * N * N (N = binary output)

A0 = 250.79893 A1 = -6.542698e-02 A2 = 7.480698e-08

Pressure (psi)	Output (N)	Straight Line Fit		Quadratic Fit	
		error, psi	error, %FS	error, psi	error, %FS
14.65	<u>3624.89</u>	-0.565	-0.11	-0.033	-0.01
99.70	<u>2319.86</u>	-0.215	-0.04	-0.277	-0.06
199.69	<u>787.55</u>	0.064	0.01	-0.370	-0.07
299.68	<u>-745.01</u>	0.358	0.07	-0.097	-0.02
399.68	<u>-2268.51</u>	0.050	0.01	-0.076	-0.02
499.68	<u>-3786.67</u>	-0.603	-0.12	-0.058	-0.01
399.68	<u>-2273.05</u>	0.347	0.07	0.222	0.04
299.68	<u>-750.45</u>	0.709	0.14	0.256	0.05
199.69	<u>779.15</u>	0.610	0.12	0.175	0.03
99.70	<u>2313.00</u>	0.229	0.05	0.165	0.03
14.67	<u>3621.78</u>	-0.379	-0.08	0.151	0.03

Output binary values are averages of 101 samples taken at 2 Hz.

SEASOFT Versions 3.3M and higher will prompt for A0, A1, and A2

SEASOFT Versions 3.3L and lower will prompt for M and B