



**Sea-Bird Electronics, Inc.**

1808 136th Place NE, Bellevue, Washington 98005 USA  
Website: <http://www.seabird.com>

**FAX: (425) 643-9954**

Tel: (425) 643-9866  
Email: [seabird@seabird.com](mailto:seabird@seabird.com)

SBE S/N 194652-0775

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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 = -0.06542 B = 251.45

Quadratic Fit:

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

A0 = 250.93605 A1 = -6.541427e-002 A2 = 7.813996e-008

Pressure (psi)	Output (N)	Straight Line Fit		Quadratic Fit	
		error, psi	error, %FS	error, psi	error, %FS
14.70	<u>3626.02</u>	-0.486	-0.10	0.070	0.01
99.78	<u>2321.08</u>	-0.193	-0.04	-0.258	-0.05
199.79	<u>786.08</u>	0.226	0.05	-0.228	-0.05
299.80	<u>-745.95</u>	0.452	0.09	-0.023	-0.00
399.80	<u>-2271.06</u>	0.229	0.05	0.098	0.02
499.80	<u>-3786.09</u>	-0.653	-0.13	-0.084	-0.02
399.80	<u>-2272.01</u>	0.291	0.06	0.160	0.03
299.80	<u>-748.29</u>	0.606	0.12	0.132	0.03
199.79	<u>782.27</u>	0.477	0.10	0.023	0.00
99.79	<u>2315.21</u>	0.186	0.04	0.119	0.02
14.74	<u>3625.42</u>	-0.482	-0.10	0.073	0.01

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