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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:**

$$\text{Pressure(psia)} = M * N + B \quad (N = \text{Binary output})$$

$$M = -0.06543 \quad B = 251.49$$

**Quadratic Fit:**

$$\text{Pressure(psia)} = A0 + A1 * N + A2 * N * N \quad (N = \text{binary output})$$

$$A0 = 251.04487 \quad A1 = -6.541682e-002 \quad A2 = 6.817851e-008$$

Pressure (psi)	Output (N)	Straight Line Fit		Quadratic Fit	
		error, psi	error, %FS	error, psi	error, %FS
14.81	<u>3624.33</u>	-0.443	-0.09	0.041	0.01
99.92	<u>2319.53</u>	-0.183	-0.04	-0.240	-0.05
199.92	<u>787.01</u>	0.077	0.02	-0.319	-0.06
299.93	<u>-744.86</u>	0.299	0.06	-0.116	-0.02
399.93	<u>-2270.71</u>	0.126	0.03	0.011	0.00
499.93	<u>-3788.79</u>	-0.553	-0.11	-0.056	-0.01
399.93	<u>-2273.09</u>	0.278	0.06	0.163	0.03
299.93	<u>-749.74</u>	0.616	0.12	0.202	0.04
199.92	<u>780.19</u>	0.523	0.10	0.127	0.03
99.82	<u>2314.08</u>	0.270	0.05	0.212	0.04
14.81	<u>3624.41</u>	-0.456	-0.09	0.029	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