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Date: 7/20/2005

Customer: MBARI

Job #: 506030

S/N#: **BB2F-227**

Thermistor Calibration

Thermistor output in degrees C can be derived using the equation:

$$\text{Temperature} = (\text{Output} \times \text{slope}) + \text{intercept}$$

R²	0.9998			
Slope	-0.0056	°C/count		
Intercept	71.9242	°C		
Temp. change rate	0.38	°C/min		
Temp range	35.88	°C max	2.31	°C min
Nominal accuracy	0.01	°C		
RMSE	0.137			

Pressure Sensor Calibration

Pressure sensor output in dBars can be derived using the equation:

$$\text{Pressure} = (\text{Output} \times \text{slope}) + \text{intercept}$$

R²	1.0000	
Slope	0.0307	dBar/count
Intercept	-13.0781	dBar
Maximum output	12000	counts