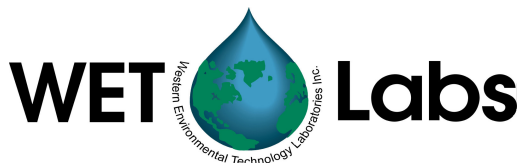


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Date: 5/31/2006

Customer: MBARI

Job #: 502008

S/N#: **FLNTUSB-286**

## Thermistor Calibration

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

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

|                          |                |          |      |        |
|--------------------------|----------------|----------|------|--------|
| <b>R<sup>2</sup></b>     | 0.9999         |          |      |        |
| <b>Slope</b>             | <b>-0.0056</b> | °C/count |      |        |
| <b>Intercept</b>         | <b>71.9514</b> | °C       |      |        |
| <b>Temp. change rate</b> | 0.30           | °C/min   |      |        |
| <b>Temp range</b>        | 34.86          | °C max   | 6.91 | °C min |
| <b>Nominal accuracy</b>  | 0.01           | °C       |      |        |
| <b>RMSE</b>              | 0.0847         |          |      |        |