

## SBE SEA-BIRD ELECTRONICS, INC. 1808 - 136th Place Northeast, Bellevue, Washington 98005 USA

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## **Temperature Calibration Report**

| Customer:   | Oregon State Ur | niversity          |                |                     |          |
|---|-----------------|--------------------|----------------|---------------------|----------|
| Job Number:   | 49312           | Date of            | Report:        | 1/23/2008           |          |
| Model Number  | SBE 03-02/F     | Serial N           | lumber:        | 031369              |          |
| Temperature sensors are normally calibrated 'as received', without adjustments, allowing a determination sensor drift. If the calibration identifies a problem, then a second calibration is performed after work is completed. The 'as received' calibration is not performed if the sensor is damaged or non-functional, or by customer request.  An 'as received' calibration certificate is provided, listing coefficients to convert sensor frequency to temperature. Users must choose whether the 'as received' calibration or the previous calibration better represents the sensor condition during deployment. In SEASOFT enter the chosen coefficients using the program SEACON. The coefficient 'offset' allows a small correction for drift between calibrations (consult the SEASOFT manual). Calibration coefficients obtained after a repair apply only to subsequent data. |                 |                    |                |                     |          |
| 'AS RECEIVED (  | CALIBRATION'    | ✓                  | Perform        | ned   Not Perfor    | rmed     |
| Date: 1/23/2008   | 3               | Drift since last c | <b>al</b> : +0 | .00188 Degrees Cels | ius/year |
| Comments:   |                 |                    |                |                     |          |
| 'CALIBRATION  | AFTER REPAIR'   |                    | Perform        | ned ☑ Not Perfor    | rmed     |
| Date:   |                 | Drift since Last   | cal:           | Degrees Cels        | ius/year |
| Comments:   |                 |                    |                |                     |          |