Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 2025 CALIBRATION DATE: 08-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

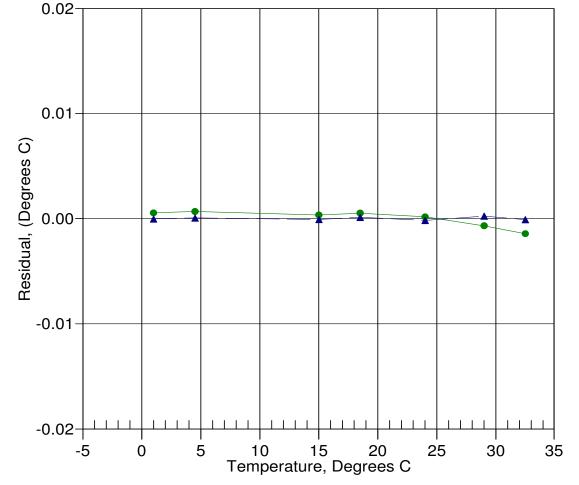
a0 = 8.680312e-006 a1 = 2.698173e-004 a2 = -1.977127e-006 a3 = 1.468035e-007

| BATH TEMP (ITS-90) | INSTRUMENT OUTPUT | INST TEMP (ITS-90) | RESIDUAL (ITS-90) |
|-----------------------|----------------------|-----------------------|----------------------|
| 1.0000 | 718590.3 | 1.0000 | -0.0000 |
| 4.4999 | 615191.1 | 4.5000 | 0.0001 |
| 15.0000 | 393468.6 | 14.9999 | -0.0001 |
| 18.4999 | 341072.9 | 18.5000 | 0.0001 |
| 24.0000 | 274064.8 | 23.9998 | -0.0002 |
| 28.9999 | 225978.4 | 29.0001 | 0.0002 |
| 32.5000 | 198076.1 | 32.4999 | -0.0001 |

Temperature ITS-90 = $1/{a0 + a1[ln(n)] + a2[ln^2(n)] + a3[ln^3(n)]} - 273.15$ (°C)

Residual = instrument temperature - bath temperature

Date, Delta T (mdeg C)



● 05-Jan-11 0.01 ▲ 08-Dec-11 -0.00