## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2024 CALIBRATION DATE: 10-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

## **ITS-90 COEFFICIENTS**

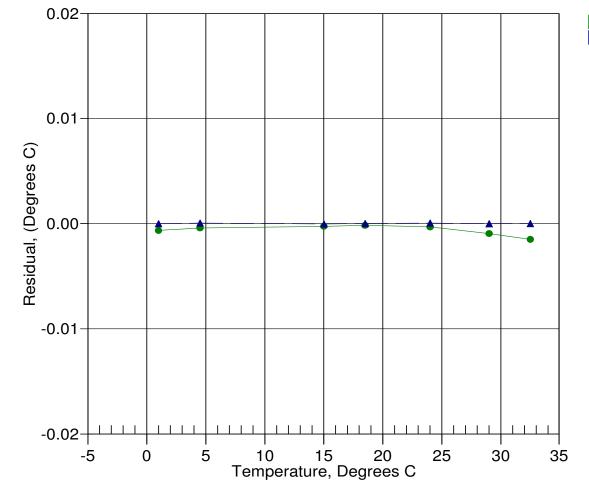
a0 = -2.479757e-005 a1 = 2.804769e-004 a2 = -2.819586e-006 a3 = 1.696020e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	687849.6	1.0000	-0.0000
4.5000	588876.7	4.5000	0.0000
15.0000	376633.6	15.0000	-0.0000
18.5000	326476.8	18.5000	0.0000
24.0000	262328.8	24.0000	0.0000
29.0000	216301.6	29.0000	-0.0000
32.4999	189591.6	32.4999	0.0000

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 -0.61 ▲ 10-Dec-11 -0.00