Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1804 CALIBRATION DATE: 04-Feb-14 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

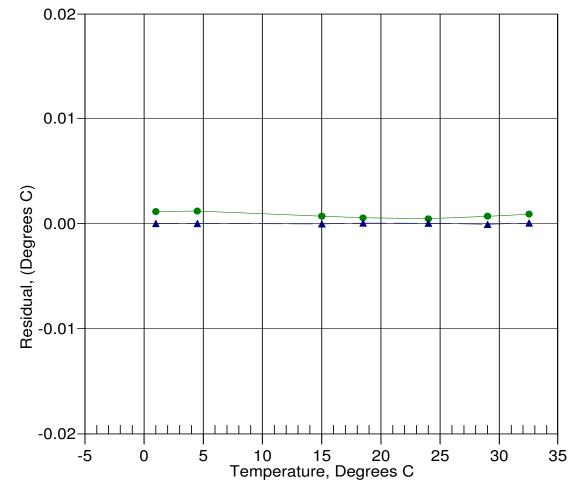
a0 = -5.230092e-005 a1 = 2.866017e-004 a2 = -3.329631e-006 a3 = 1.822523e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	703375.9	1.0000	0.0000
4.5000	601995.5	4.5000	-0.0000
15.0000	384695.3	15.0000	-0.0000
18.5000	333372.9	18.5000	0.0000
24.0000	267758.2	24.0000	0.0000
29.0000	220697.8	28.9999	-0.0001
32.4999	193396.4	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)



15-Jan-12 0.80 04-Feb-14 0.00