Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2332 CALIBRATION DATE: 14-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

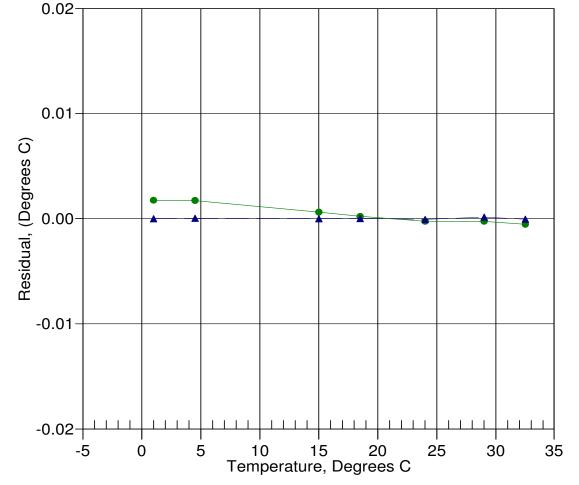
a0 = -2.456204e-005 a1 = 2.883176e-004 a2 = -4.047219e-006 a3 = 2.135563e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	710162.9	1.0000	-0.0000
4.5000	607616.3	4.5000	0.0000
14.9999	387748.4	14.9999	-0.0000
18.4999	335817.5	18.4999	0.0000
23.9999	269436.3	23.9998	-0.0001
29.0000	221838.6	29.0001	0.0001
32.5001	194239.8	32.5000	-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 0.45 ▲ 14-Dec-11 -0.00