Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2321 CALIBRATION DATE: 13-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

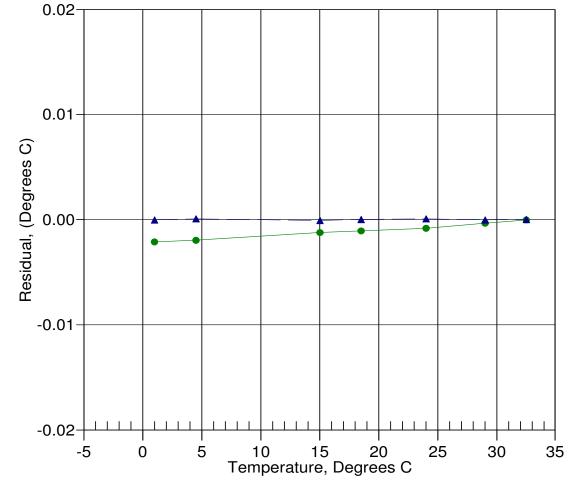
a0 = -5.590437e - 005 a1 = 2.953421e - 004 a2 = -4.275649e - 006a3 = 2.074089e - 007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	693872.8	1.0000	-0.0000
4.4999	592857.0	4.5000	0.0001
15.0000	376969.1	14.9999	-0.0001
18.5000	326146.1	18.5000	0.0000
24.0000	261295.7	24.0001	0.0001
29.0000	214890.4	29.0000	-0.0000
32.5000	188018.9	32.5000	-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)



27-Jul-07 -1.09 13-Dec-11 -0.00