Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2325 CALIBRATION DATE: 09-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

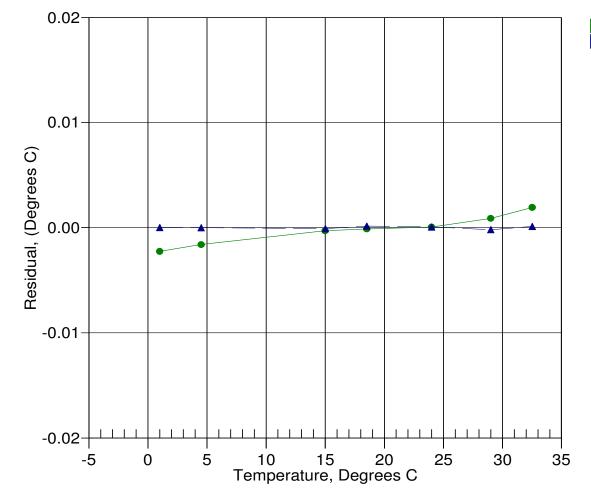
a0 = -5.709813e-004 a1 = 4.269213e-004 a2 = -1.559130e-005 a3 = 5.351731e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	682023.8	1.0000	0.0000
4.4999	584155.2	4.4999	-0.0000
15.0000	373523.9	14.9999	-0.0001
18.5000	323621.2	18.5001	0.0001
24.0000	259760.4	24.0001	0.0001
29.0000	213929.1	28.9998	-0.0002
32.5000	187334.7	32.5001	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 -0.22 ▲ 09-Dec-11 0.00