Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2329 CALIBRATION DATE: 09-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

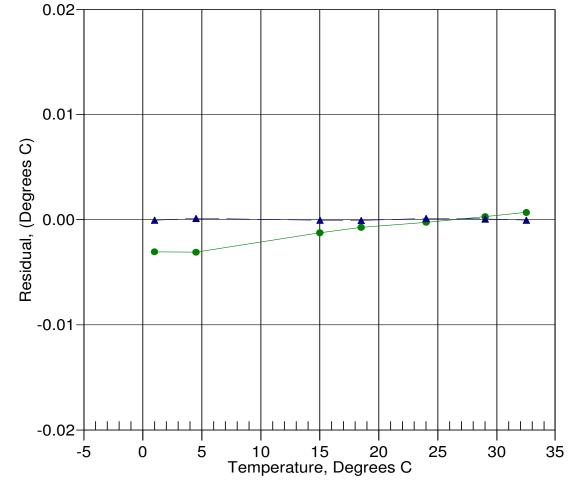
a0 = -5.292973e-004 a1 = 4.156851e-004 a2 = -1.504601e-005 a3 = 5.334761e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	716855.3	0.9999	-0.0001
4.4999	614955.4	4.5000	0.0001
15.0000	394863.1	14.9999	-0.0001
18.5000	342525.2	18.4999	-0.0001
24.0000	275402.2	24.0001	0.0001
29.0000	227120.8	29.0001	0.0001
32.5000	199061.2	32.4999	-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)



● 10-Jan-09 -1.07 ▲ 09-Dec-11 -0.00