Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3767 CALIBRATION DATE: 09-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

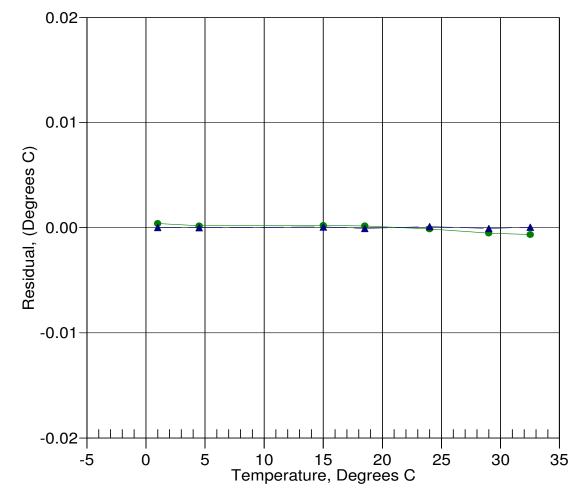
a0 = 1.973183e-005 a1 = 2.698571e-004 a2 = -1.811425e-006 a3 = 1.431683e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	643840.1	1.0000	0.0000
4.4999	551678.7	4.4999	-0.0000
15.0000	353748.3	15.0001	0.0001
18.5000	306902.1	18.4999	-0.0001
24.0000	246923.8	24.0001	0.0001
29.0000	203839.8	28.9999	-0.0001
32.5000	178811.9	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)



12-Jan-11 -0.06 09-Dec-11 0.00