Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1852 CALIBRATION DATE: 06-Feb-14

SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

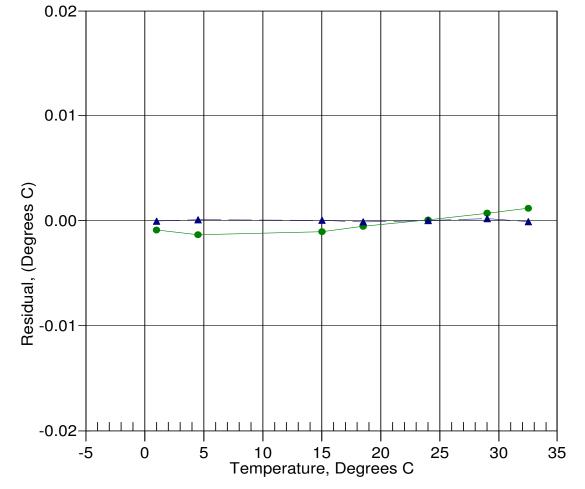
a0 = -3.736577e - 005a1 = 2.748451e-004a2 = -2.145548e - 006a3 = 1.524815e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	706599.3	1.0000	-0.0000
4.5000	606004.9	4.5001	0.0001
15.0000	389606.2	15.0000	0.0000
18.5000	338292.2	18.4999	-0.0001
24.0000	272524.5	24.0000	0.0000
29.0000	225220.8	29.0002	0.0002
32.5000	197720.2	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)





11-Dec-12 -0.28 ▲ 06-Feb-14 -0.00