

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2322
CALIBRATION DATE: 07-Jun-12

SBE 37 TEMPERATURE CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

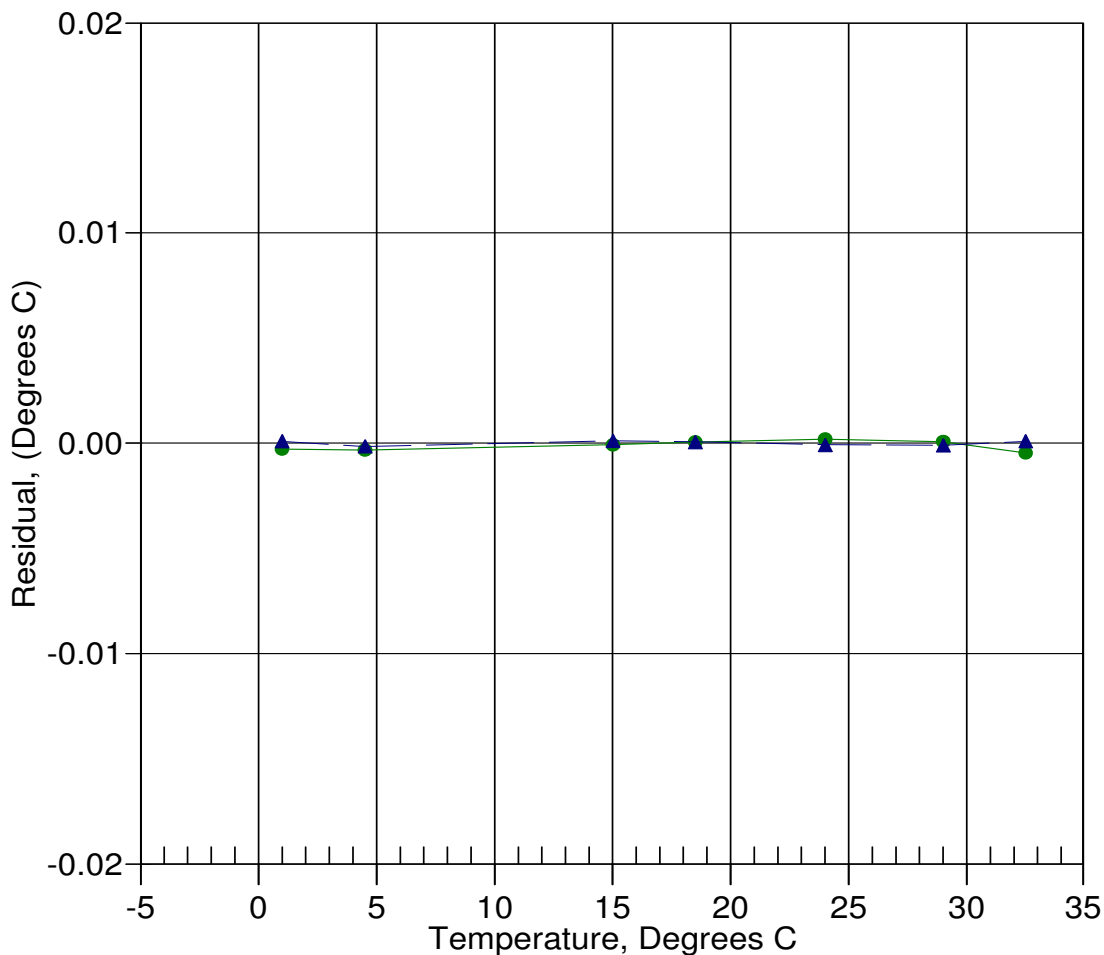
a0 = -7.572628e-004
a1 = 4.608862e-004
a2 = -1.851334e-005
a3 = 6.220873e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	796174.2	1.0001	0.0001
4.5000	683496.7	4.4998	-0.0002
15.0000	439698.2	15.0001	0.0001
18.5000	381635.2	18.5001	0.0001
24.0000	307113.8	23.9999	-0.0001
29.0000	253462.0	28.9999	-0.0001
32.5000	222259.5	32.5001	0.0001

Temperature ITS-90 = $1/[a_0 + a_1[\ln(n)] + a_2[\ln^2(n)] + a_3[\ln^3(n)]] - 273.15$ (°C)

Residual = instrument temperature - bath temperature

Date, Delta T (mdeg C)



10-Dec-09 -0.13
07-Jun-12 0.00