Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1869 CALIBRATION DATE: 24-Jan-12

SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

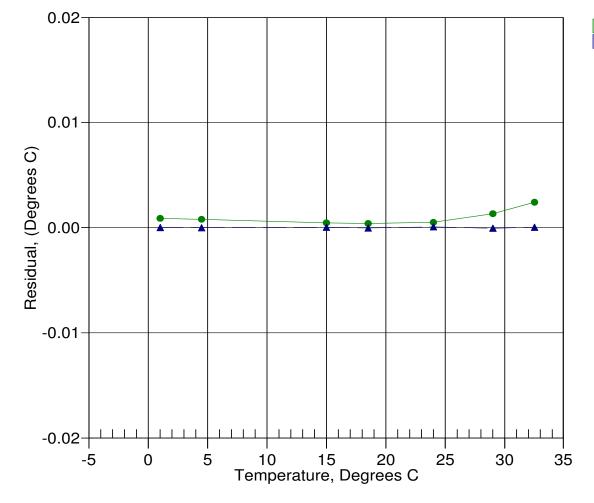
a0 = -1.287448e - 004a1 = 3.058818e - 004a2 = -4.603955e-006a3 = 2.180083e - 007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	616776.7	1.0000	0.0000
4.4999	528792.6	4.4999	-0.0000
14.9999	339605.8	14.9999	0.0000
18.5000	294773.9	18.5000	-0.0000
24.0000	237344.3	24.0001	0.0001
29.0000	196063.6	28.9999	-0.0001
32.5000	172072.2	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)





11-Jan-11 0.96 24-Jan-12 0.00