Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2325 CALIBRATION DATE: 11-Feb-14

SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

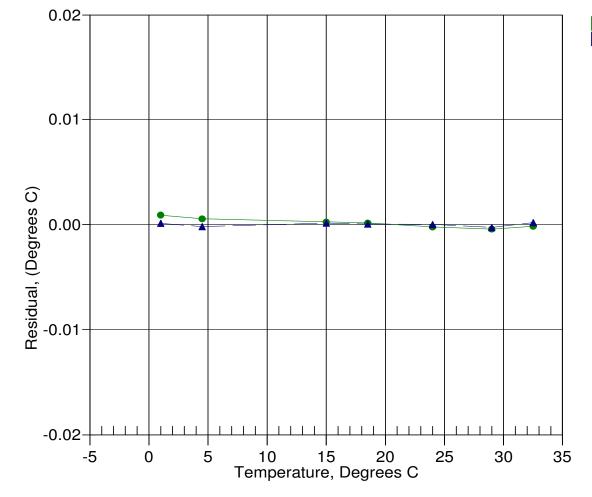
a0 = -5.119316e - 004a1 = 4.128909e-004a2 = -1.447911e-005a3 = 5.057597e - 007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	682083.5	1.0001	0.0001
4.5000	584192.5	4.4998	-0.0002
15.0000	373524.9	15.0001	0.0001
18.5000	323624.1	18.5000	0.0000
24.0000	259759.6	24.0000	0.0000
29.0001	213925.3	28.9998	-0.0003
32.5000	187328.9	32.5002	0.0002

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-Dec-12 0.14 11-Feb-14 0.00