Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1805 CALIBRATION DATE: 06-Feb-14 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

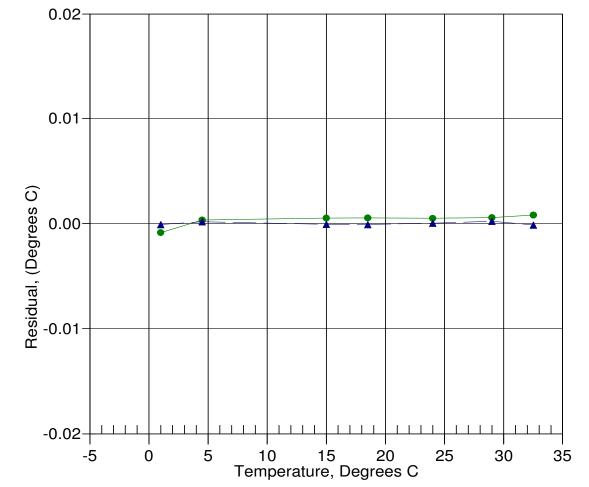
a0 = -1.590871e-005 a1 = 2.793427e-004 a2 = -2.849660e-006 a3 = 1.697469e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	715054.5	0.9999	-0.0001
4.5000	611659.2	4.5002	0.0002
15.0000	390271.6	14.9999	-0.0001
18.5000	338037.1	18.4999	-0.0001
24.0000	271292.0	24.0000	0.0000
29.0000	223452.1	29.0002	0.0002
32.5000	195718.0	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)



21-Jan-12 0.35 **1** 06-Feb-14 -0.00