Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0204 CALIBRATION DATE: 18-Sep-12 SBE 45 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

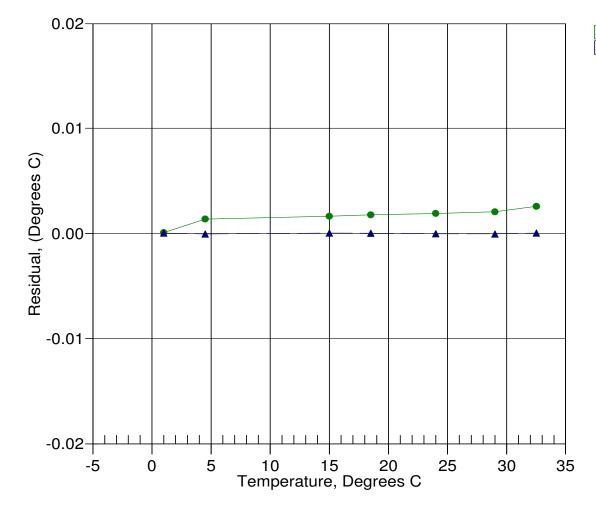
a0 = -5.203679e-005 a1 = 2.797955e-004 a2 = -2.656480e-006 a3 = 1.616408e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	751591.5	1.0000	0.0000
4.5000	643482.9	4.4999	-0.0001
15.0000	411656.4	15.0000	0.0000
18.5000	356875.5	18.5000	0.0000
24.0000	286811.7	24.0000	-0.0000
29.0000	236535.3	29.0000	-0.0000
32.5000	207356.7	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)



● 05-Mar-11 1.63 ▲ 18-Sep-12 0.00