Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0340 CALIBRATION DATE: 07-Nov-12

SBE 45 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

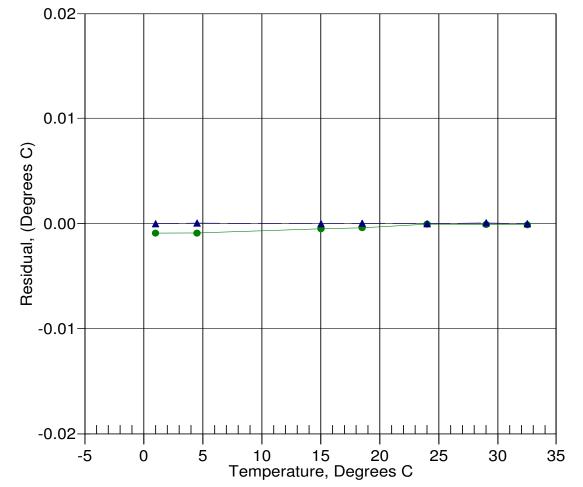
a0 = 9.208697e-005 a1 = 2.680188e-004 a2 = -1.974675e-006 a3 = 1.394833e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	622560.0	1.0000	-0.0000
4.5000	531054.7	4.5000	0.0000
15.0000	336202.6	15.0000	-0.0000
18.5000	290499.1	18.5000	0.0000
24.0000	232293.3	24.0000	-0.0000
29.0000	190728.9	29.0001	0.0001
32.5000	166700.6	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)



● 09-Aug-10 -0.43 ■ 07-Nov-12 -0.00