SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 2332 CALIBRATION DATE: 05-Jan-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

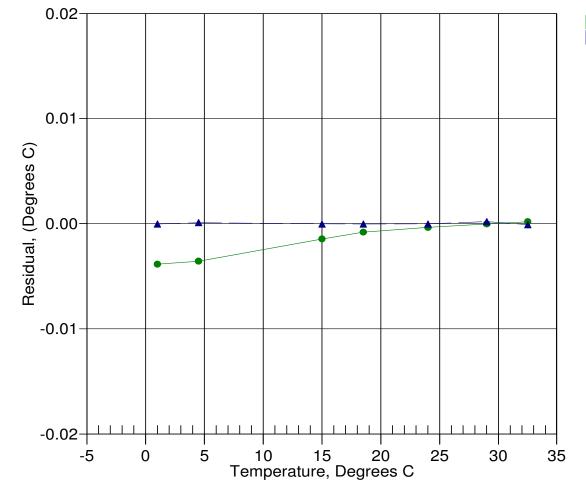
a0 = 2.807217e-005 a1 = 2.760417e-004 a2 = -3.095272e-006 a3 = 1.890157e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	710107.1	0.9999	-0.0001
4.5000	607571.1	4.5001	0.0001
14.9999	387738.4	14.9999	-0.0000
18.5000	335813.5	18.4999	-0.0001
24.0000	269437.1	24.0000	-0.0000
29.0000	221842.0	29.0002	0.0002
32.5000	194244.1	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)



● 10-Jan-09 -1.42 ▲ 05-Jan-11 -0.00