Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3764 CALIBRATION DATE: 18-Jan-12

SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

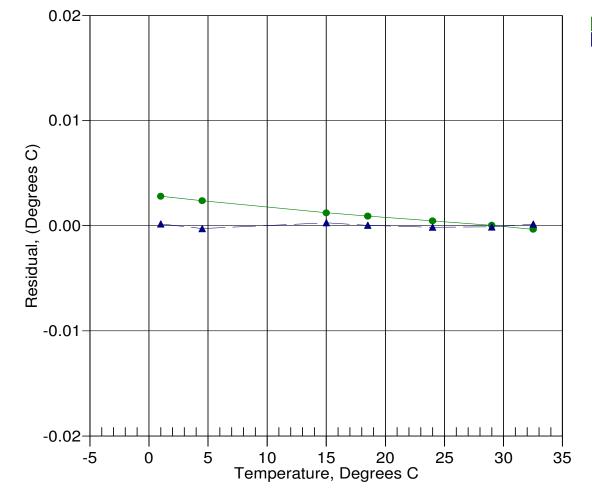
a0 = -5.640467e - 005a1 = 2.864164e-004a2 = -3.051147e - 006a3 = 1.748603e-007

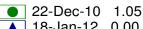
BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
0.9997	645142.5	0.9999	0.0002
4.4999	552917.3	4.4996	-0.0003
15.0000	354756.4	15.0003	0.0003
18.5000	307841.4	18.5000	0.0000
24.0000	247764.7	23.9998	-0.0002
29.0000	204595.3	28.9999	-0.0001
32.5000	179513.7	32.5001	0.0001

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)





18-Jan-12 0.00