Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 3765 CALIBRATION DATE: 18-Jan-12 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

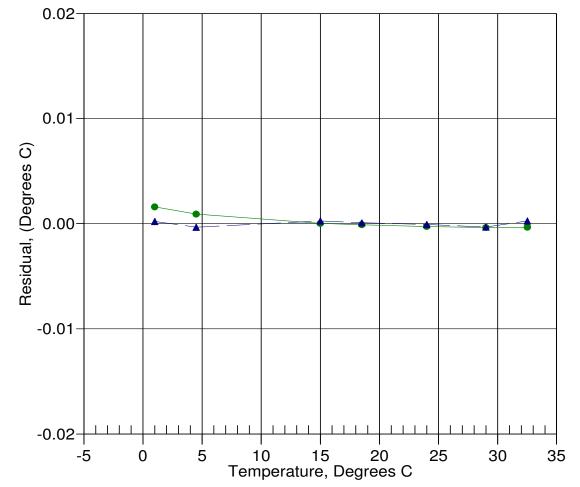
a0 = 4.953027e-005 a1 = 2.615374e-004 a2 = -1.166160e-006 a3 = 1.238282e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
0.9997	671117.6	0.9999	0.0002
4.4999	574725.5	4.4996	-0.0003
15.0000	367931.9	15.0003	0.0003
18.5000	319050.8	18.5001	0.0001
24.0000	256512.1	23.9999	-0.0001
29.0000	211619.7	28.9997	-0.0003
32.5000	185552.8	32.5002	0.0002

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)



● 01-Aug-09 0.20 ▲ 18-Jan-12 0.00