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: 3768 CALIBRATION DATE: 10-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

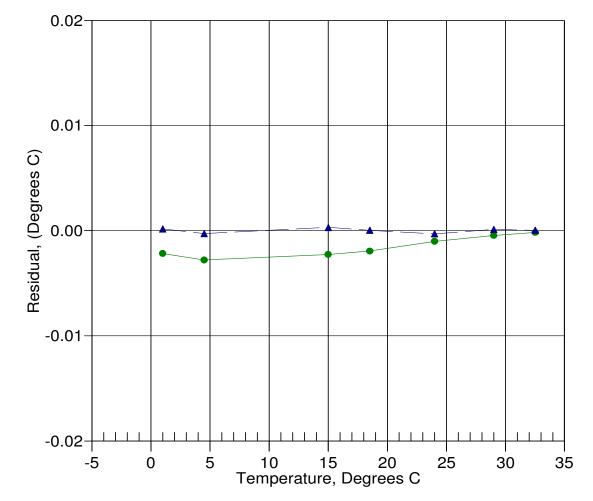
a0 = 3.166213e-005 a1 = 2.704824e-004 a2 = -1.792240e-006a3 = 1.425325e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	597716.3	1.0002	0.0002
4.5000	512223.4	4.4997	-0.0003
15.0000	328564.7	15.0003	0.0003
18.4999	285093.5	18.4999	0.0000
24.0000	229429.6	23.9997	-0.0003
29.0000	189431.2	29.0001	0.0001
32.5000	166197.1	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)



13-Jan-09 -1.55 10-Dec-11 0.00