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: 2331 CALIBRATION DATE: 07-Feb-14

SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

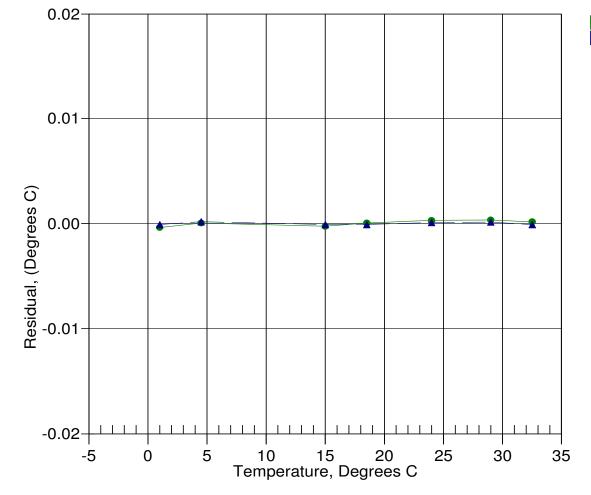
a0 = -2.927901e-004a1 = 3.708464e-004a2 = -1.261477e - 005a3 = 5.056354e - 007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	703674.8	0.9999	-0.0001
4.4999	605187.4	4.5001	0.0002
15.0000	391096.9	14.9999	-0.0001
18.5000	339850.5	18.4999	-0.0001
23.9999	273897.3	24.0000	0.0001
29.0001	226271.6	29.0002	0.0001
32.5001	198516.9	32.5000	-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)





17-Dec-11 0.04 ▲ 07-Feb-14 -0.00