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: 17-Dec-11 SBE 37 TEMPERATURE CALIBRATION DATA ITS-90 TEMPERATURE SCALE

ITS-90 COEFFICIENTS

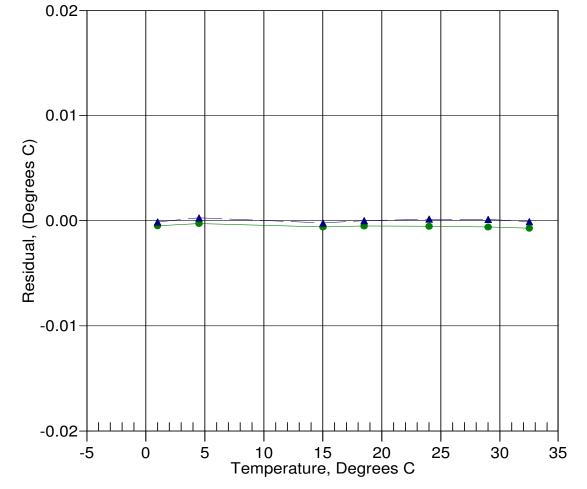
a0 = -3.035964e-004 a1 = 3.733797e-004 a2 = -1.281219e-005 a3 = 5.107502e-007

BATH TEMP (ITS-90)	INSTRUMENT OUTPUT	INST TEMP (ITS-90)	RESIDUAL (ITS-90)
1.0000	703683.4	0.9999	-0.0001
4.5000	605188.1	4.5003	0.0003
15.0000	391099.5	14.9998	-0.0002
18.5000	339848.7	18.5000	-0.0000
24.0000	273894.0	24.0001	0.0001
29.0000	226270.7	29.0001	0.0001
32.4999	198516.4	32.4998	-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)



● 09-Jan-09 -0.54 ▲ 17-Dec-11 -0.00