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: 0818 CALIBRATION DATE: 17-Jan-12

SBE 39 RTC CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

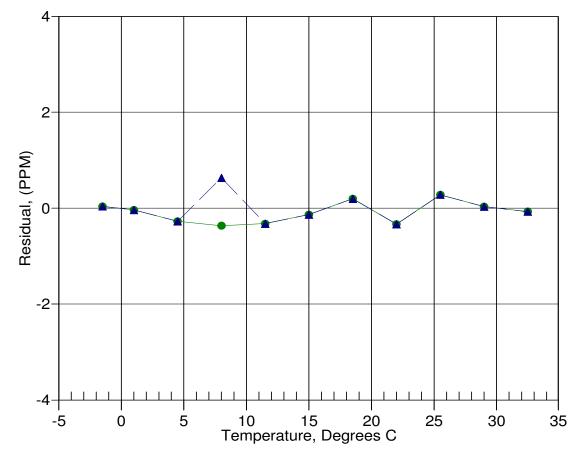
rtca0 = 9.999854e-001rtca1 = 1.553758e-006rtca2 = -3.504240e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5001	0.9999830	0.9999830	0.0
0.9999	0.9999870	0.9999870	-0.0
4.4999	0.9999920	0.9999917	-0.3
7.9999	0.9999950	0.9999956	0.6
11.4999	0.9999990	0.9999987	-0.3
14.9999	1.0000010	1.000009	-0.1
18.4999	1.0000020	1.0000022	0.2
21.9999	1.0000030	1.0000027	-0.3
25.4999	1.0000020	1.0000023	0.3
28.9999	1.0000010	1.0000010	0.0
32.4999	0.9999990	0.9999989	-0.1

RTC frequency = $rtca0 + rtca1 * t + rtca2 * t^2$

Residual = (Computed RTC frequency - Measured RTC frequency) * 1e6

Date, Delta F ppm





● 10-Jan-09 -1.00 ▲ 17-Jan-12 0.00