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 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 =   1.000000e+000
rtca1 =   1.473648e-006
rtca2 = -3.154949e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
1.0000	1.0000020	1.0000017	-0.3
4.5000	1.0000060	1.0000063	0.3
15.0000	1.0000150	1.0000153	0.3
18.5000	1.0000170	1.0000168	-0.2
24.0000	1.0000180	1.0000175	-0.5
29.0000	1.0000160	1.0000165	0.5
32.4999	1.0000150	1.0000149	-0.1

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

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

Date, Delta F ppm

● 09-Jan-09	6.00
▲ 17-Dec-11	-0.00