

# Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3768  
CALIBRATION DATE: 07-Feb-14

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

## COEFFICIENTS:

rtca0 = 9.999781e-001

rtca1 = 1.735738e-006

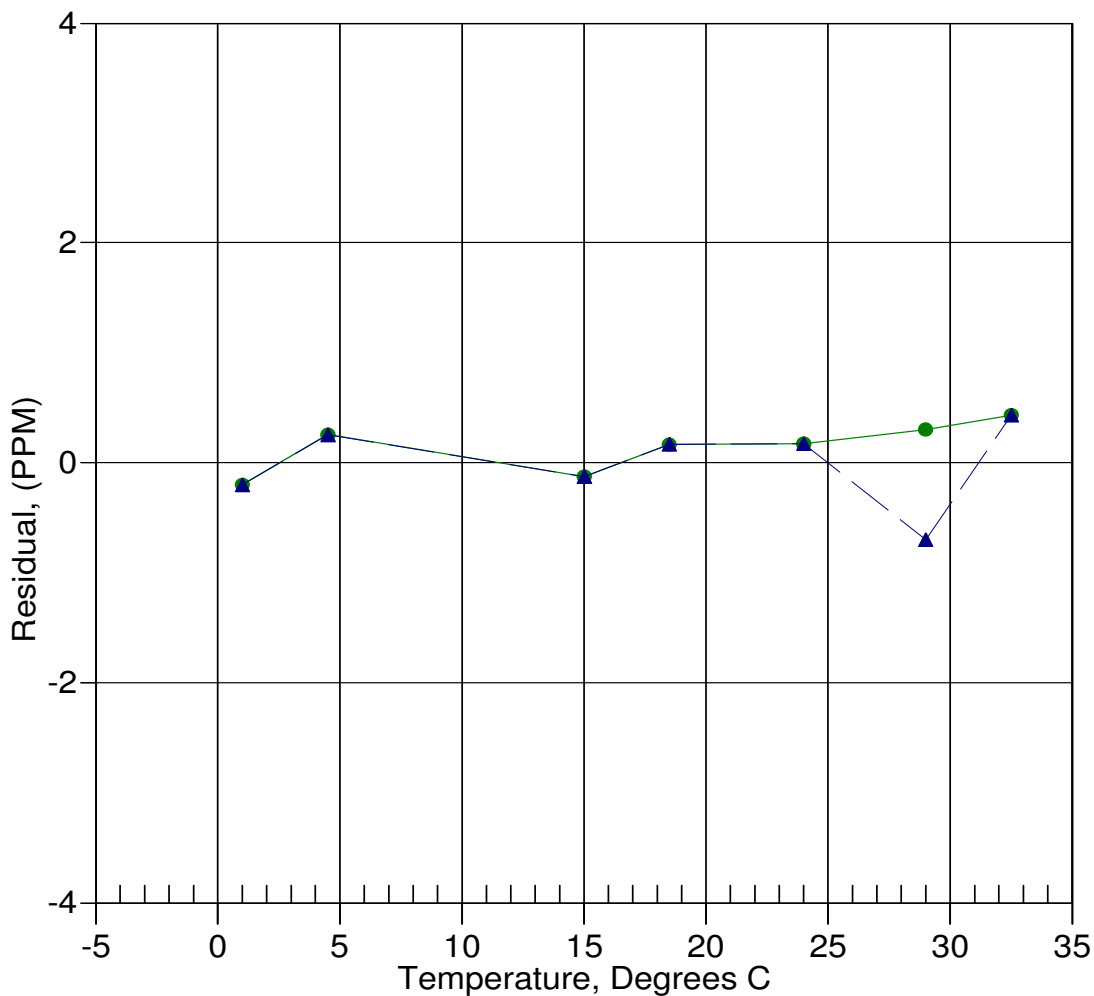
rtca2 = -3.226274e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999800	0.9999798	-0.2
4.4999	0.9999850	0.9999853	0.3
15.0000	0.9999970	0.9999969	-0.1
18.5000	0.9999990	0.9999992	0.2
23.9999	1.0000010	1.0000012	0.2
29.0001	1.0000020	1.0000013	-0.7
32.5001	1.0000000	1.0000004	0.4

$$\text{RTC frequency} = \text{rtca0} + \text{rtca1} * t + \text{rtca2} * t^2$$

$$\text{Residual} = (\text{Computed RTC frequency} - \text{Measured RTC frequency}) * 1e6$$

Date, Delta F ppm



10-Dec-11 1.00  
07-Feb-14 0.00