

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0804
CALIBRATION DATE: 12-Feb-14

SBE 39 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999872e-001

rtca1 = 1.563622e-006

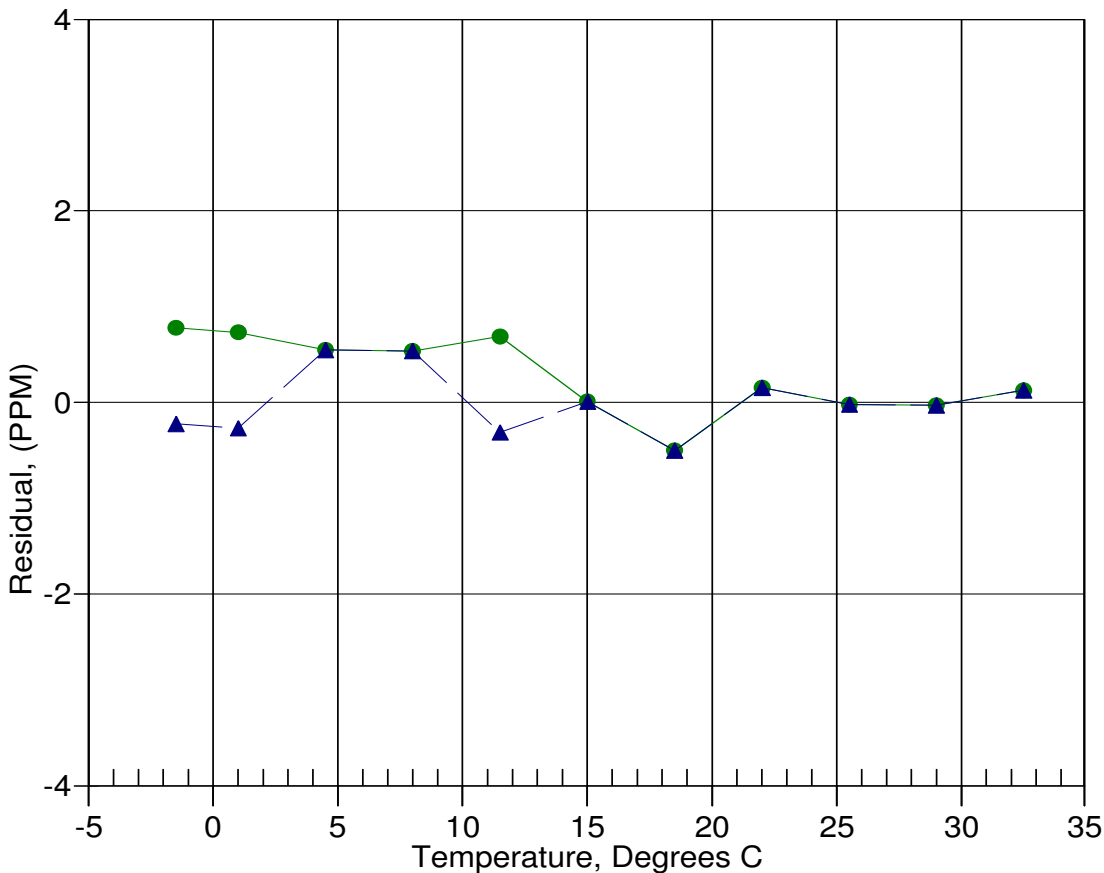
rtca2 = -3.397688e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5000	0.9999850	0.9999848	-0.2
1.0000	0.9999890	0.9999887	-0.3
4.5000	0.9999930	0.9999935	0.5
8.0000	0.9999970	0.9999975	0.5
11.5000	1.0000010	1.0000007	-0.3
15.0000	1.0000030	1.0000030	0.0
18.5000	1.0000050	1.0000045	-0.5
22.0000	1.0000050	1.0000052	0.2
25.5000	1.0000050	1.0000050	-0.0
29.0000	1.0000040	1.0000040	-0.0
32.5000	1.0000020	1.0000021	0.1

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

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

Date, Delta F ppm



● 17-Jan-12 3.00
▲ 12-Feb-14 -0.00