

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0581
CALIBRATION DATE: 11-Feb-14

SBE 39 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999702e-001

rtca1 = 1.536253e-006

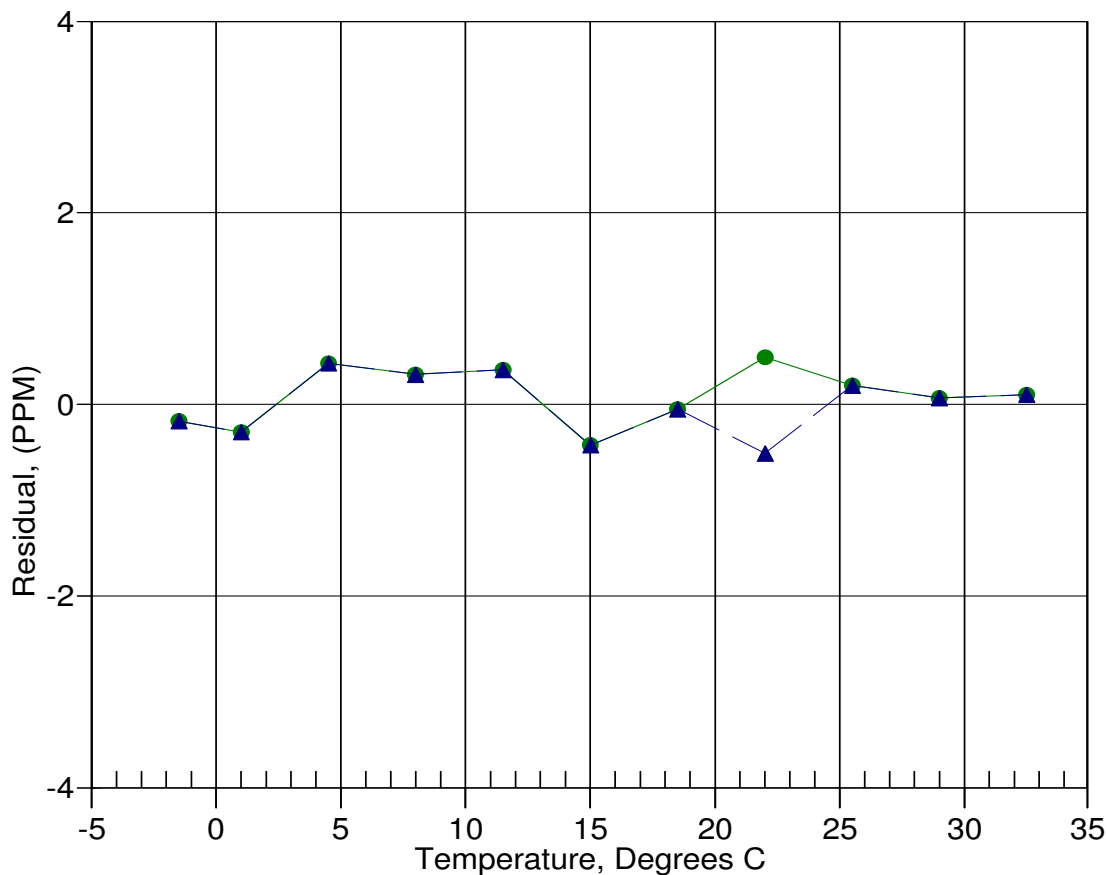
rtca2 = -3.411632e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5000	0.9999680	0.9999678	-0.2
1.0000	0.9999720	0.9999717	-0.3
4.5000	0.9999760	0.9999764	0.4
8.0000	0.9999800	0.9999803	0.3
11.5000	0.9999830	0.9999834	0.4
15.0000	0.9999860	0.9999856	-0.4
18.5000	0.9999870	0.9999869	-0.1
22.0000	0.9999880	0.9999875	-0.5
25.5000	0.9999870	0.9999872	0.2
29.0000	0.9999860	0.9999861	0.1
32.5000	0.9999840	0.9999841	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



08-Dec-11 1.00
11-Feb-14 -0.00