

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0517
CALIBRATION DATE: 13-Jan-12

SBE 39 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999765e-001

rtca1 = 1.593033e-006

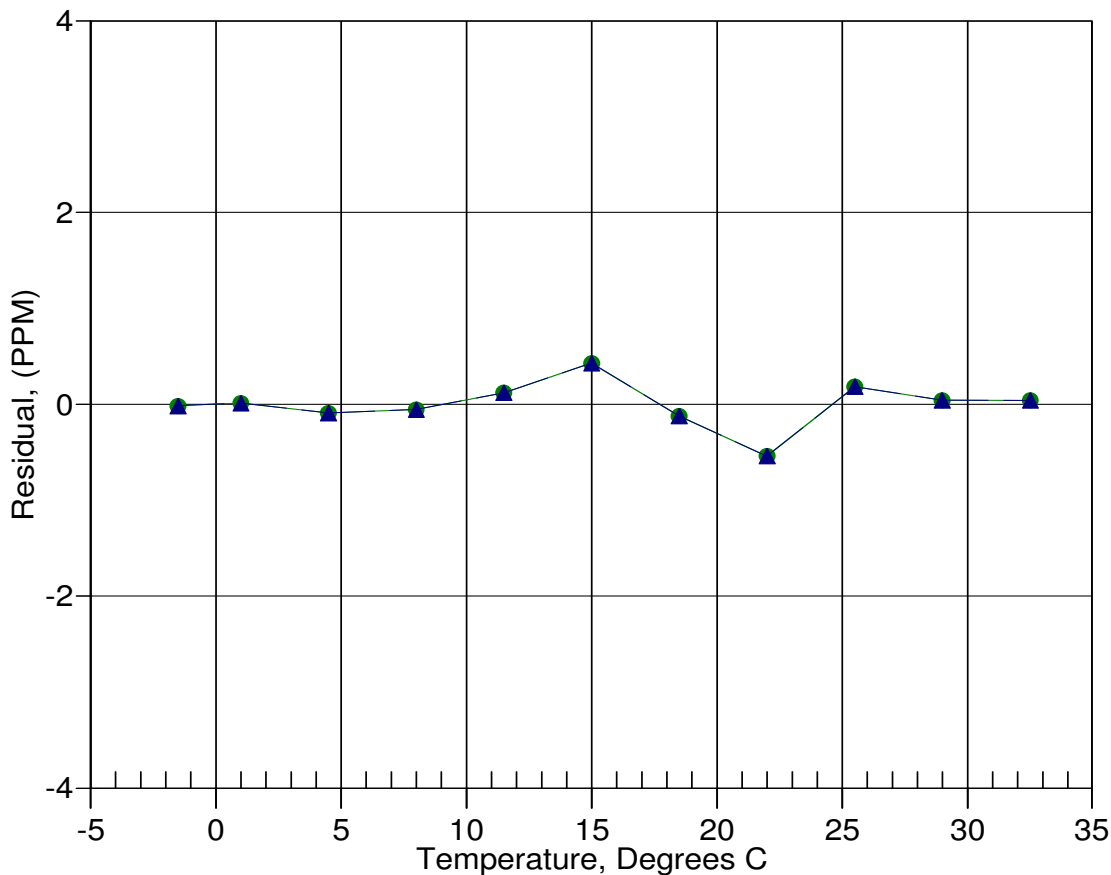
rtca2 = -3.520753e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
-1.5001	0.9999740	0.9999740	-0.0
0.9999	0.9999780	0.9999780	0.0
4.4999	0.9999830	0.9999829	-0.1
7.9999	0.9999870	0.9999869	-0.1
11.4999	0.9999900	0.9999901	0.1
14.9999	0.9999920	0.9999924	0.4
18.4999	0.9999940	0.9999939	-0.1
21.9999	0.9999950	0.9999945	-0.5
25.4999	0.9999940	0.9999942	0.2
28.9999	0.9999930	0.9999930	0.0
32.4999	0.9999910	0.9999910	0.0

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

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

Date, Delta F ppm



06-Jan-09 0.00
13-Jan-12 0.00