

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0824
CALIBRATION DATE: 14-Apr-12

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999673e-001

rtca1 = 1.629388e-006

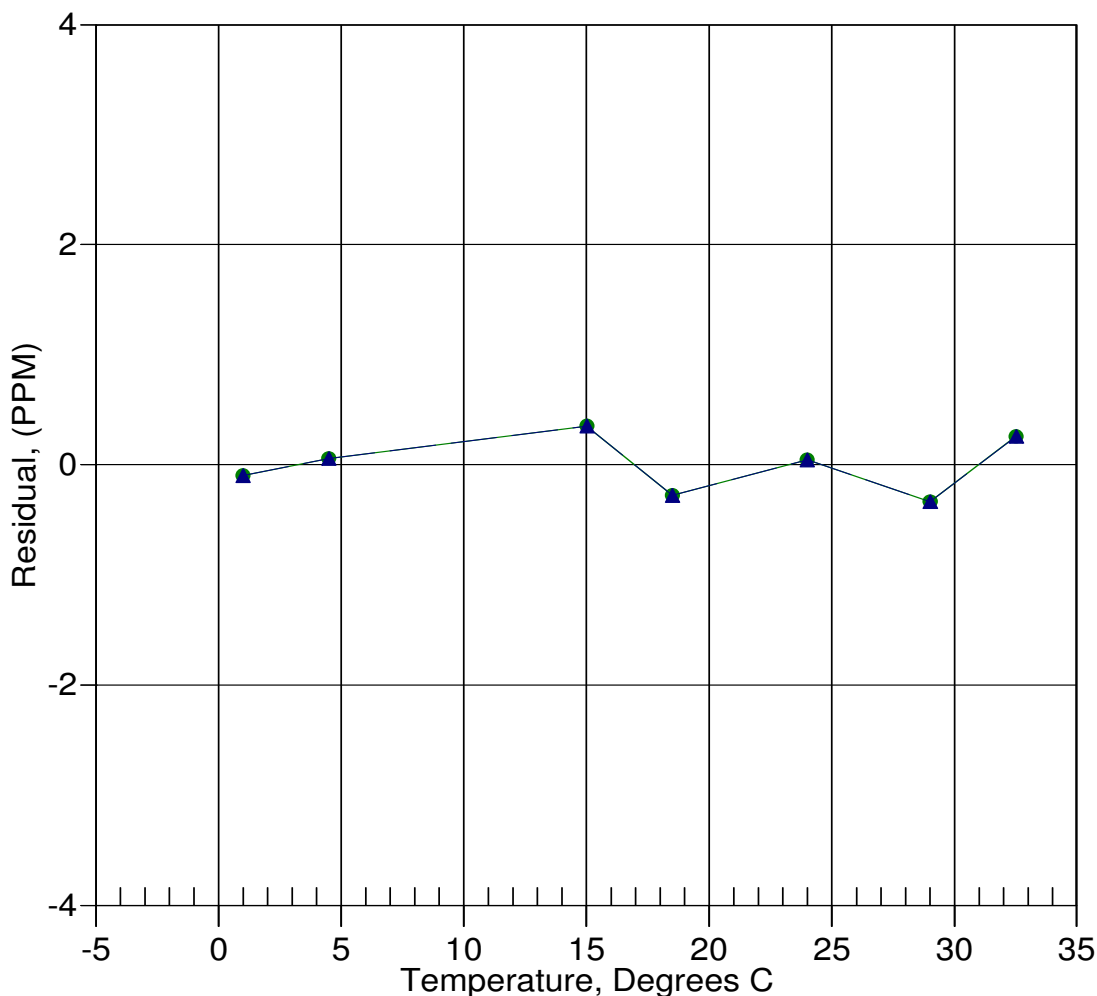
rtca2 = -2.840307e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999690	0.9999689	-0.1
4.5000	0.9999740	0.9999741	0.1
15.0000	0.9999850	0.9999854	0.4
18.4999	0.9999880	0.9999877	-0.3
24.0000	0.9999900	0.9999900	0.0
29.0000	0.9999910	0.9999907	-0.3
32.5000	0.9999900	0.9999903	0.3

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

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

Date, Delta F ppm



11-Jun-09 0.00
14-Apr-12 -0.00