

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2329
CALIBRATION DATE: 09-Dec-11

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000002e+000

rtca1 = 1.502312e-006

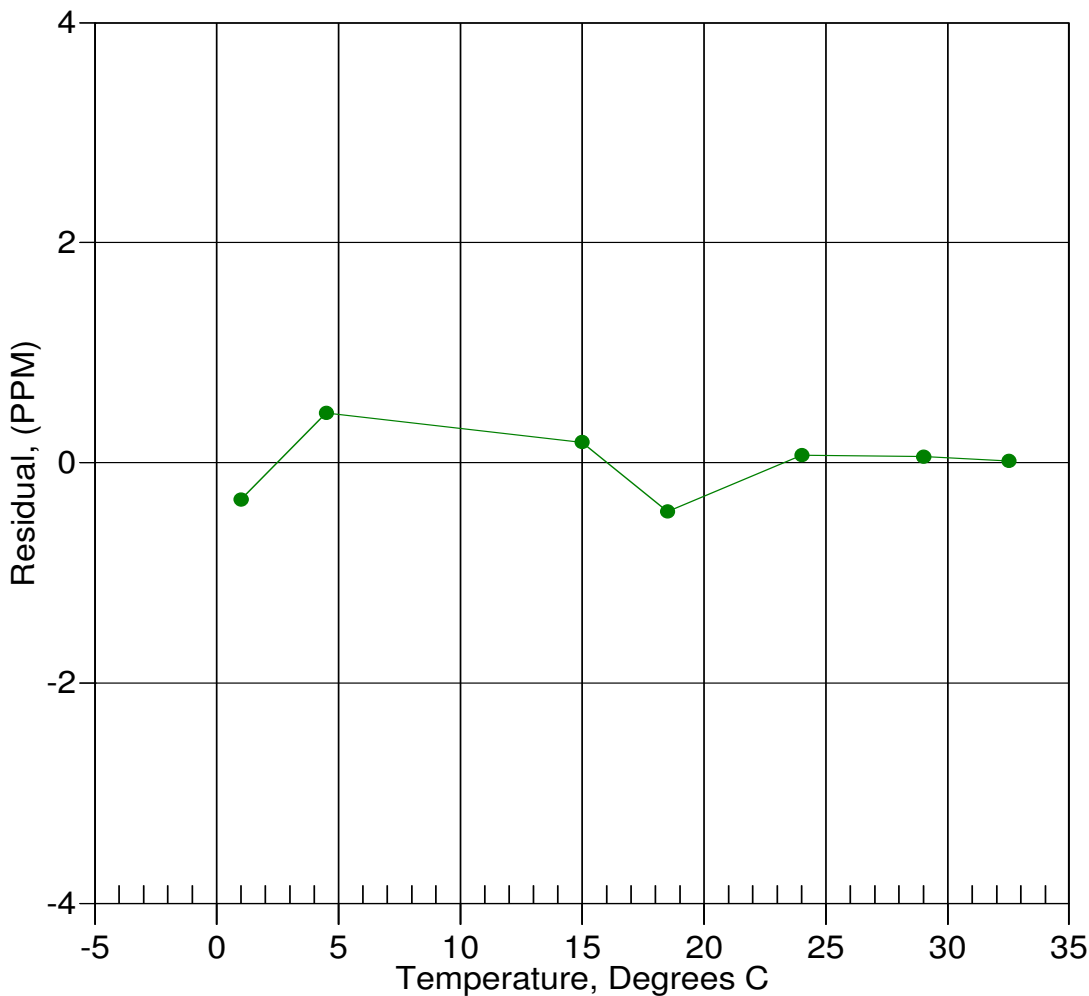
rtca2 = -2.461548e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	1.0000040	1.0000037	-0.3
4.4999	1.0000080	1.0000085	0.5
15.0000	1.0000190	1.0000192	0.2
18.5000	1.0000220	1.0000216	-0.4
24.0000	1.0000240	1.0000241	0.1
29.0000	1.0000250	1.0000251	0.1
32.5000	1.0000250	1.0000250	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



09-Dec-11 -0.00