

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 3777
CALIBRATION DATE: 03-Jun-08

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999730e-001

rtca1 = 1.786053e-006

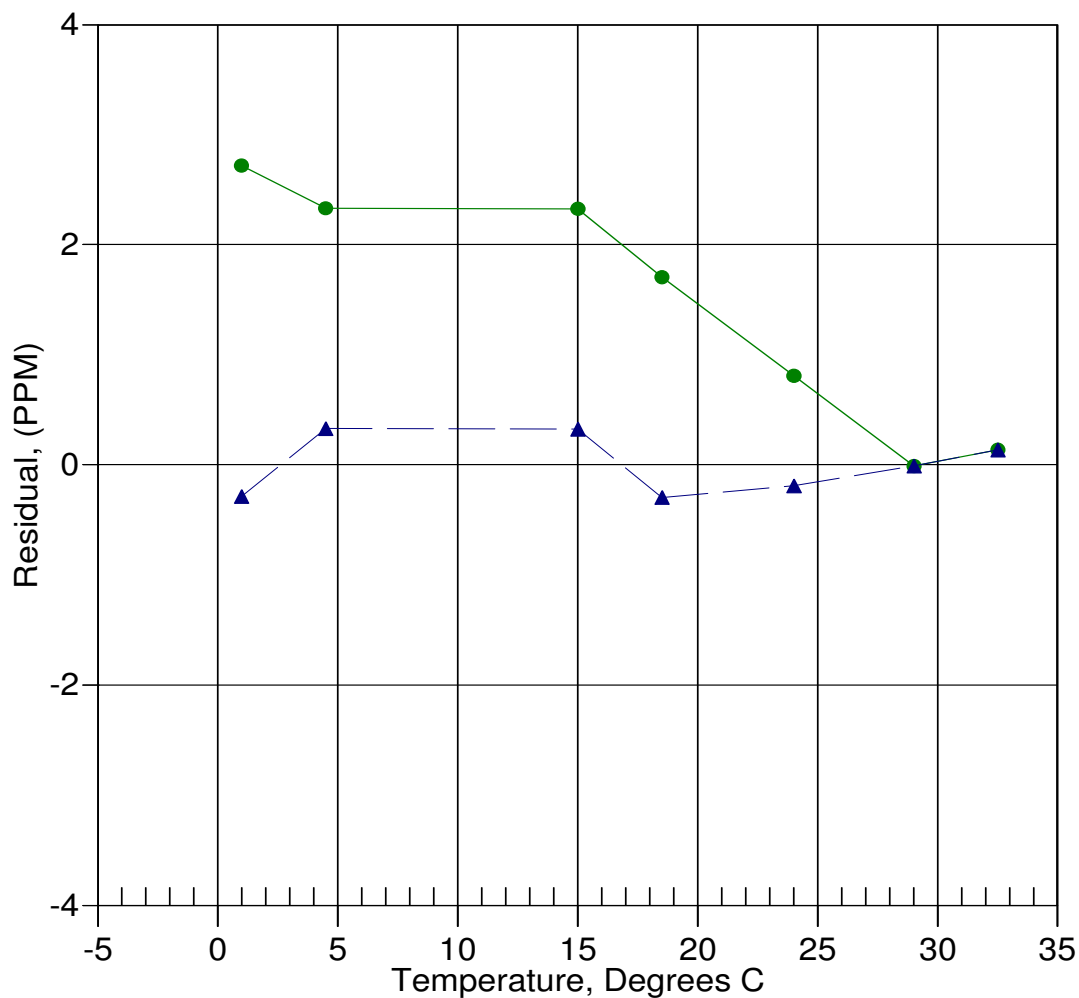
rtca2 = -3.301562e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999750	0.9999747	-0.3
4.5000	0.9999800	0.9999803	0.3
15.0002	0.9999920	0.9999923	0.3
18.5000	0.9999950	0.9999947	-0.3
24.0000	0.9999970	0.9999968	-0.2
29.0001	0.9999970	0.9999970	-0.0
32.5000	0.9999960	0.9999961	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



● 29-Nov-05 10.00
▲ 03-Jun-08 0.00