

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0824
CALIBRATION DATE: 19-Dec-07

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999674e-001

rtca1 = 1.603668e-006

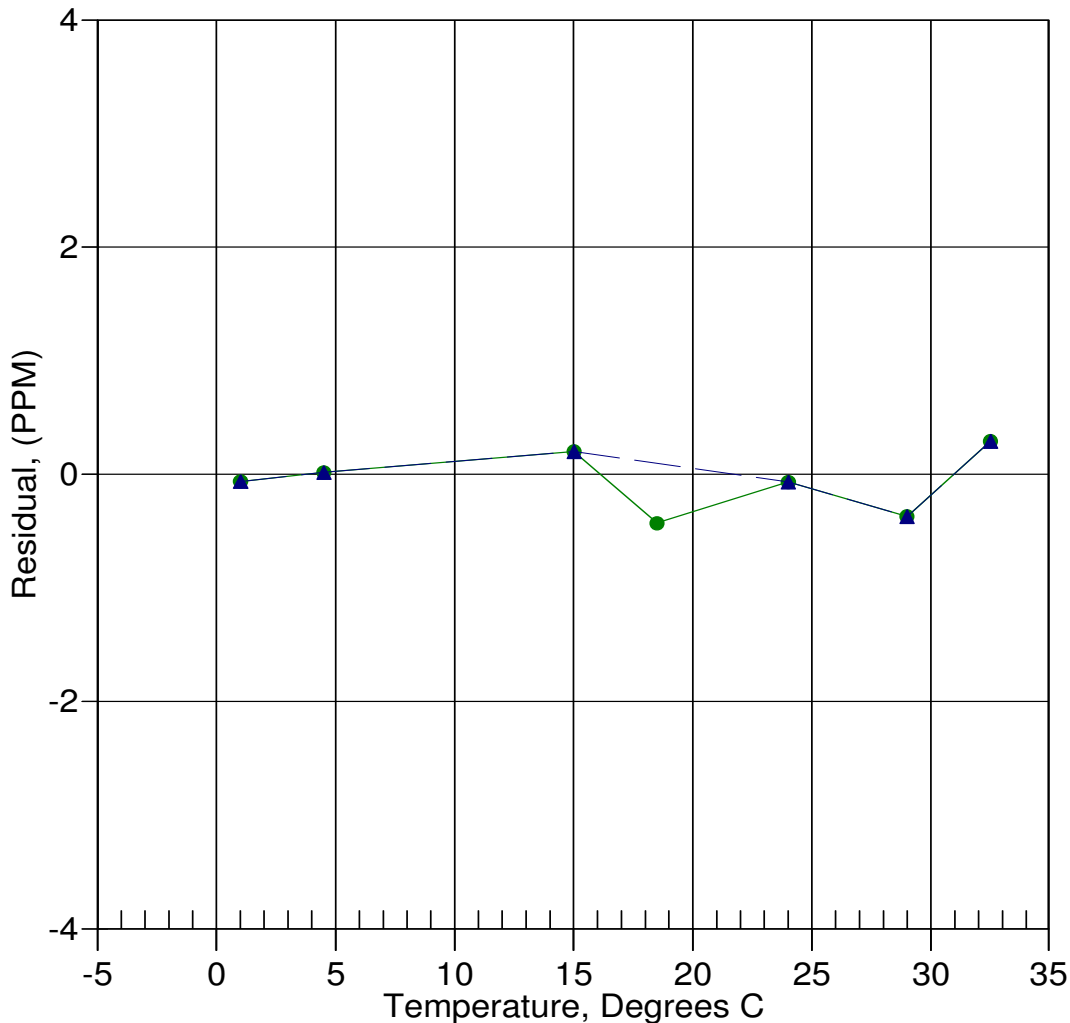
rtca2 = -2.763244e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999690	0.9999689	-0.1
4.5000	0.9999740	0.9999740	0.0
15.0000	0.9999850	0.9999852	0.2
24.0000	0.9999900	0.9999899	-0.1
29.0000	0.9999910	0.9999906	-0.4
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



29-Nov-05 -0.43
19-Dec-07 0.00