

SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0385
CALIBRATION DATE: 18-Dec-10

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999931e-001

rtca1 = 1.739719e-006

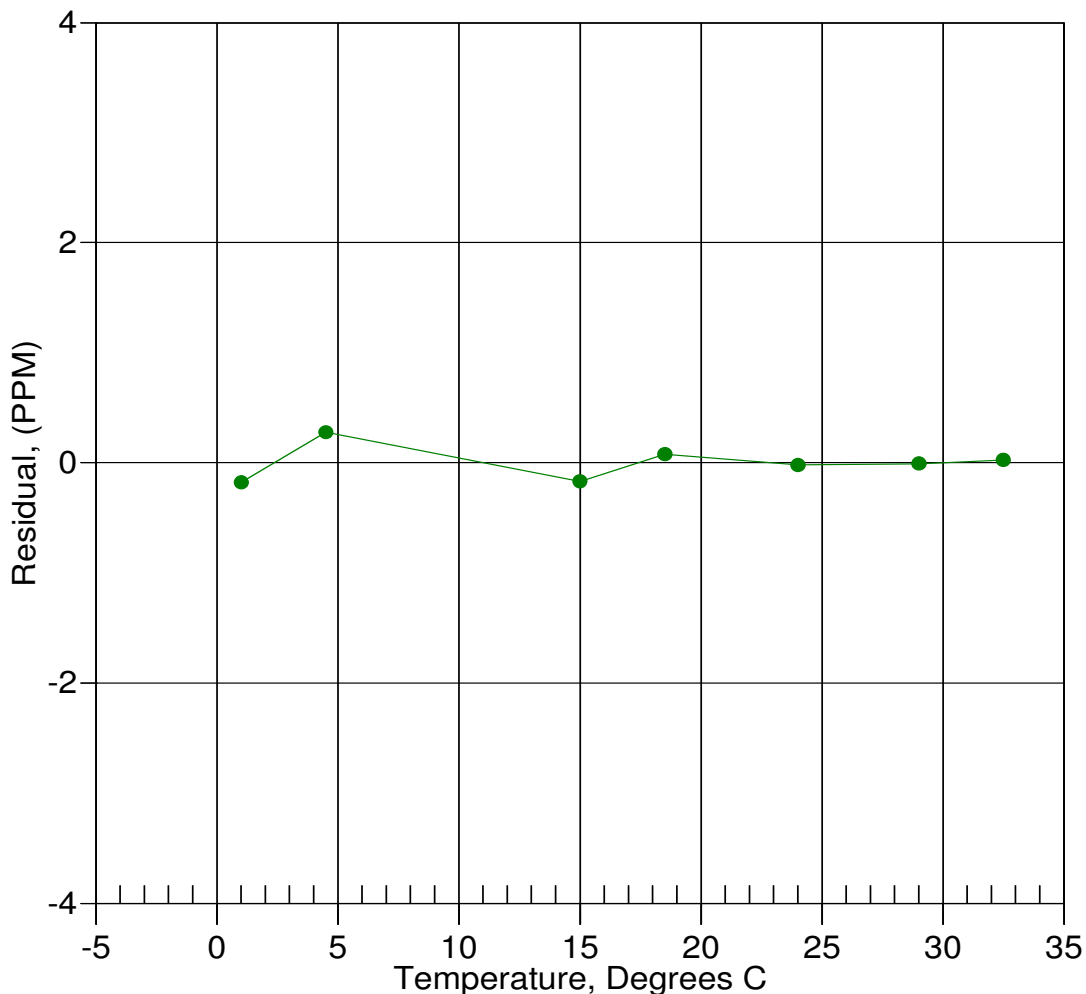
rtca2 = -3.278587e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999950	0.9999948	-0.2
4.5000	1.0000000	1.0000003	0.3
15.0000	1.0000120	1.0000118	-0.2
18.4999	1.0000140	1.0000141	0.1
24.0000	1.0000160	1.0000160	-0.0
29.0000	1.0000160	1.0000160	-0.0
32.5000	1.0000150	1.0000150	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



18-Dec-10 0.00