

# Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1810  
CALIBRATION DATE: 06-Feb-14

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

## COEFFICIENTS:

rtca0 = 9.999720e-001

rtca1 = 1.775832e-006

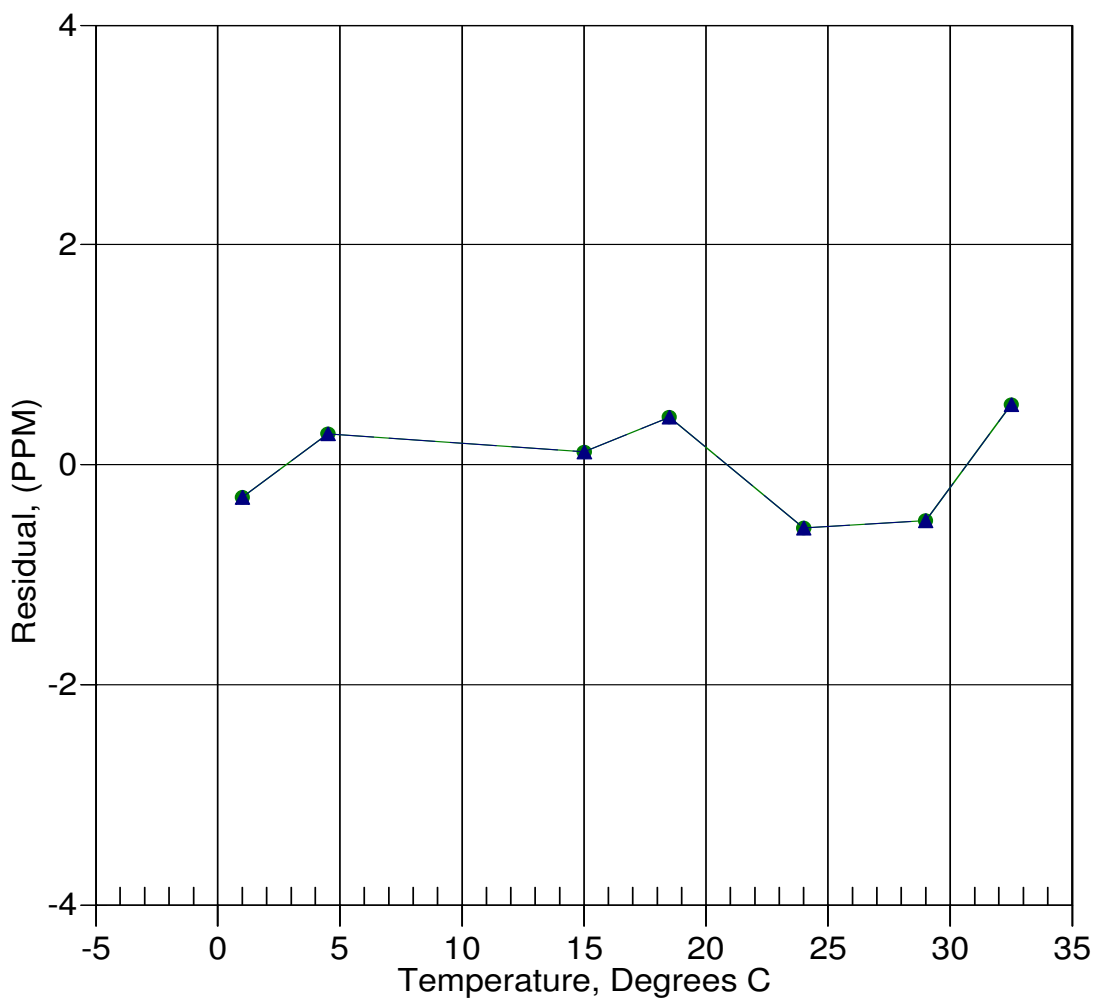
rtca2 = -3.325832e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999740	0.9999737	-0.3
4.5000	0.9999790	0.9999793	0.3
15.0000	0.9999910	0.9999911	0.1
18.5000	0.9999930	0.9999934	0.4
24.0000	0.9999960	0.9999954	-0.6
29.0000	0.9999960	0.9999955	-0.5
32.5000	0.9999940	0.9999945	0.5

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

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

Date, Delta F ppm



11-Dec-12 0.00  
06-Feb-14 0.00