

# Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2327  
CALIBRATION DATE: 09-Dec-11

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

## COEFFICIENTS:

rtca0 = 1.000005e+000

rtca1 = 1.366473e-006

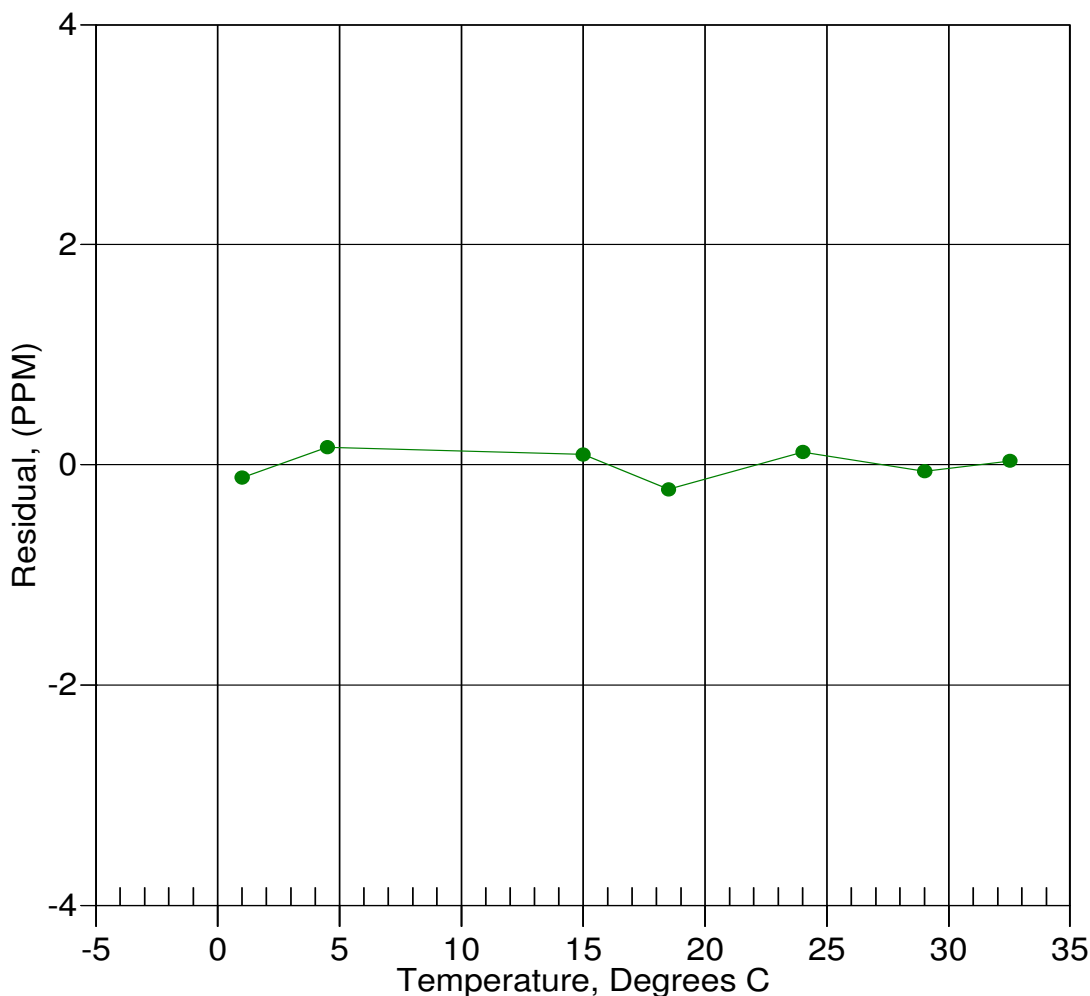
rtca2 = -2.643267e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	1.0000060	1.0000059	-0.1
4.4999	1.0000100	1.0000102	0.2
15.0000	1.0000190	1.0000191	0.1
18.5000	1.0000210	1.0000208	-0.2
24.0000	1.0000220	1.0000221	0.1
29.0000	1.0000220	1.0000219	-0.1
32.5000	1.0000210	1.0000210	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