

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1865
CALIBRATION DATE: 15-Jan-12

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999775e-001

rtca1 = 1.763591e-006

rtca2 = -3.197949e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999790	0.9999792	0.2
4.5000	0.9999850	0.9999848	-0.2
15.0000	0.9999970	0.9999967	-0.3
18.4999	0.9999990	0.9999992	0.2
24.0000	1.0000010	1.0000014	0.4
29.0000	1.0000020	1.0000017	-0.3
32.5002	1.0000010	1.0000010	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

