

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0511
CALIBRATION DATE: 13-Jan-12

SBE 39 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999792e-001

rtca1 = 1.561003e-006

rtca2 = -3.501563e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5001	0.9999770	0.9999768	-0.2
0.9999	0.9999810	0.9999808	-0.2
4.4999	0.9999850	0.9999855	0.5
7.9999	0.9999890	0.9999895	0.5
11.4999	0.9999930	0.9999926	-0.4
14.9999	0.9999950	0.9999948	-0.2
18.4999	0.9999960	0.9999961	0.1
21.9999	0.9999970	0.9999966	-0.4
25.4999	0.9999960	0.9999963	0.3
28.9999	0.9999950	0.9999951	0.1
32.4999	0.9999930	0.9999930	-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

