

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0515
CALIBRATION DATE: 13-Jan-12

SBE 39 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999805e-001

rtca1 = 1.577588e-006

rtca2 = -3.573931e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5001	0.9999780	0.9999781	0.1
0.9999	0.9999820	0.9999821	0.1
4.4999	0.9999870	0.9999869	-0.1
7.9999	0.9999910	0.9999908	-0.2
11.4999	0.9999940	0.9999939	-0.1
14.9999	0.9999960	0.9999961	0.1
18.4999	0.9999970	0.9999975	0.5
21.9999	0.9999980	0.9999979	-0.1
25.4999	0.9999980	0.9999975	-0.5
28.9999	0.9999960	0.9999962	0.2
32.4999	0.9999940	0.9999940	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

