

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0416
CALIBRATION DATE: 30-Oct-13

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999675e-001

rtca1 = 1.754065e-006

rtca2 = -3.093953e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999690	0.9999692	0.2
4.4999	0.9999750	0.9999747	-0.3
15.0000	0.9999870	0.9999868	-0.2
18.5000	0.9999890	0.9999893	0.3
24.0000	0.9999920	0.9999918	-0.2
29.0000	0.9999920	0.9999923	0.3
32.5000	0.9999920	0.9999918	-0.2

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

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

Date, Delta F ppm

