

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1860
CALIBRATION DATE: 10-Dec-11

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999981e-001

rtca1 = 1.739718e-006

rtca2 = -3.278586e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	1.0000000	0.9999998	-0.2
4.5000	1.0000050	1.0000053	0.3
15.0000	1.0000170	1.0000168	-0.2
18.5000	1.0000190	1.0000191	0.1
24.0000	1.0000210	1.0000210	-0.0
29.0000	1.0000210	1.0000210	-0.0
32.4999	1.0000200	1.0000200	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

