

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 1805
CALIBRATION DATE: 08-Dec-15

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999733e-001

rtca1 = 1.813910e-006

rtca2 = -3.273258e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999750	0.9999751	0.1
4.5000	0.9999810	0.9999808	-0.2
15.0000	0.9999930	0.9999932	0.2
18.5000	0.9999960	0.9999957	-0.3
24.0000	0.9999980	0.9999980	0.0
29.0000	0.9999980	0.9999984	0.4
32.5000	0.9999980	0.9999977	-0.3

t = temperature (°C)

RTC frequency = $rtca0 + rtca1 * t + rtca2 * t^2$

Residual (PPM) = (Computed RTC frequency - Measured RTC frequency) * 1e6

