

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3318
CALIBRATION DATE: 07-Dec-16

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999741e-001

rtca1 = 1.739716e-006

rtca2 = -3.278578e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999760	0.9999758	-0.2
4.5000	0.9999810	0.9999813	0.3
15.0000	0.9999930	0.9999928	-0.2
18.5000	0.9999950	0.9999951	0.1
24.0000	0.9999970	0.9999970	-0.0
29.0000	0.9999970	0.9999970	-0.0
32.5000	0.9999960	0.9999960	0.0

t = temperature (°C)

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

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

