

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0818

CALIBRATION DATE: 25-Sep-15

SBE 37 RTC CALIBRATION DATA

ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999793e-001

rtca1 = 1.623128e-006

rtca2 = -2.916830e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999810	0.9999809	-0.1
4.5000	0.9999860	0.9999860	0.0
15.0000	0.9999970	0.9999971	0.1
18.5000	0.9999990	0.9999994	0.4
24.0000	1.0000020	1.0000015	-0.5
29.0000	1.0000020	1.0000019	-0.1
32.5000	1.0000010	1.0000013	0.3

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

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

