Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0987   SBE 39 RTC CALIBRATION DATA
CALIBRATION DATE: 01-Dec-15   ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
rtca0 = 9.999885e-001
rtca1 = 1.501674e-006
rtca2 = -3.445805e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
-1.5000	0.9999860	0.9999862	0.2
1.0000	0.9999900	0.9999899	-0.1
4.5000	0.9999950	0.9999945	-0.5
8.0000	0.9999980	0.9999983	0.3
11.5000	1.0000010	1.0000012	0.2
15.0000	1.0000030	1.0000033	0.3
18.5000	1.0000050	1.0000045	-0.5
22.0000	1.0000050	1.0000048	-0.2
25.5000	1.0000040	1.0000044	0.4
29.0000	1.0000030	1.0000031	0.1
32.5000	1.0000010	1.0000009	-0.1

t = temperature (°C)

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

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