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SENSOR SERIAL NUMBER: 3769
CALIBRATION DATE: 08-Jun-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999760e-001
rtca1 = 1.786062e-006
rtca2 = -3.301592e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999780	0.9999777	-0.3
4.5000	0.9999830	0.9999833	0.3
15.0000	0.9999950	0.9999953	0.3
18.5000	0.9999980	0.9999977	-0.3
24.0000	1.0000000	0.9999998	-0.2
29.0000	1.0000000	1.0000000	-0.0
32.5000	0.9999990	0.9999991	0.1

t = temperature (°C)

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

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

