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SENSOR SERIAL NUMBER: 0409
CALIBRATION DATE: 25-Sep-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999761e-001
rtca1 = 1.736451e-006
rtca2 = -3.098052e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999780	0.9999778	-0.2
4.5000	0.9999830	0.9999833	0.3
15.0000	0.9999950	0.9999952	0.2
18.5000	0.9999980	0.9999976	-0.4
24.0000	1.0000000	0.9999999	-0.1
29.0000	1.0000000	1.0000004	0.4
32.5000	1.0000000	0.9999998	-0.2

t = temperature (°C)

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

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

