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SENSOR SERIAL NUMBER: 0416
CALIBRATION DATE: 19-Nov-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999682e-001
rtca1 = 1.672637e-006
rtca2 = -2.866470e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999700	0.9999699	-0.1
4.4999	0.9999750	0.9999752	0.2
14.9999	0.9999870	0.9999869	-0.1
18.5000	0.9999890	0.9999894	0.4
24.0000	0.9999920	0.9999918	-0.2
29.0000	0.9999930	0.9999926	-0.4
32.5000	0.9999920	0.9999923	0.3

t = temperature (°C)

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

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

