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SENSOR SERIAL NUMBER: 0417
CALIBRATION DATE: 01-Oct-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999691e-001
rtca1 = 1.896268e-006
rtca2 = -3.089616e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999710	0.9999709	-0.1
4.5000	0.9999770	0.9999770	-0.0
15.0000	0.9999900	0.9999906	0.6
18.5000	0.9999940	0.9999936	-0.4
24.0000	0.9999970	0.9999968	-0.2
29.0000	0.9999980	0.9999981	0.1
32.5000	0.9999980	0.9999981	0.1

t = temperature (°C)

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

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

