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SENSOR SERIAL NUMBER: 2325
CALIBRATION DATE: 04-Feb-24

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999922e-001
rtca1 = 1.686119e-006
rtca2 = -3.022716e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.99999940	0.99999939	-0.1
4.5000	0.9999990	0.9999992	0.2
15.0000	1.0000110	1.0000107	-0.3
18.5000	1.0000130	1.0000131	0.1
24.0000	1.0000150	1.0000153	0.3
29.0000	1.0000160	1.0000157	-0.3
32.5000	1.0000150	1.0000151	0.1

t = temperature (°C)

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

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

