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SENSOR SERIAL NUMBER: 2325
CALIBRATION DATE: 21-Mar-24

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999921e-001
rtca1 = 1.726214e-006
rtca2 = -3.122281e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999940	0.9999938	-0.2
4.5000	0.9999990	0.9999992	0.2
14.9999	1.0000110	1.0000110	-0.0
18.4999	1.0000130	1.0000133	0.3
24.0000	1.0000160	1.0000155	-0.5
29.0000	1.0000160	1.0000159	-0.1
32.5001	1.0000150	1.0000152	0.2

t = temperature (°C)

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

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

