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SENSOR SERIAL NUMBER: 1866
CALIBRATION DATE: 07-Apr-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999940e-001
rtca1 = 1.626229e-006
rtca2 = -3.309997e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999960	0.9999956	-0.4
4.4999	1.0000000	1.0000006	0.6
15.0000	1.0000110	1.0000109	-0.1
18.5000	1.0000130	1.0000127	-0.3
24.0000	1.0000140	1.0000139	-0.1
29.0000	1.0000130	1.0000133	0.3
32.5000	1.0000120	1.0000119	-0.1

t = temperature (°C)

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

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

