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SENSOR SERIAL NUMBER: 3722
CALIBRATION DATE: 18-Nov-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999851e-001
rtca1 = 1.576737e-006
rtca2 = -3.360399e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999870	0.9999866	-0.4
4.5000	0.9999910	0.9999915	0.5
15.0000	1.0000010	1.0000012	0.2
18.5000	1.0000030	1.0000028	-0.2
24.0000	1.0000040	1.0000036	-0.4
29.0000	1.0000020	1.0000025	0.5
32.5000	1.0000010	1.0000008	-0.2

t = temperature (°C)

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

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

