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SENSOR SERIAL NUMBER: 0473
CALIBRATION DATE: 25-Sep-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999707e-001
rtca1 = 1.854821e-006
rtca2 = -2.707753e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999730	0.9999725	-0.5
4.5000	0.9999780	0.9999785	0.5
15.0000	0.9999920	0.9999924	0.4
18.5000	0.9999960	0.9999958	-0.2
24.0000	1.0000000	0.9999996	-0.4
29.0000	1.0000020	1.0000017	-0.3
32.5000	1.0000020	1.0000024	0.4

t = temperature (°C)

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

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

