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SENSOR SERIAL NUMBER: 0385
CALIBRATION DATE: 10-Sep-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999961e-001
rtca1 = 1.739721e-006
rtca2 = -3.278591e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999980	0.9999978	-0.2
4.5000	1.0000030	1.0000033	0.3
14.9999	1.0000150	1.0000148	-0.2
18.5000	1.0000170	1.0000171	0.1
24.0000	1.0000190	1.0000190	-0.0
29.0000	1.0000190	1.0000190	-0.0
32.5000	1.0000180	1.0000180	0.0

t = temperature (°C)

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

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

