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SENSOR SERIAL NUMBER: 0827
CALIBRATION DATE: 11-Sep-24

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999855e-001
rtca1 = 1.587001e-006
rtca2 = -2.869550e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999870	0.9999870	0.0
4.5000	0.9999920	0.9999920	0.0
15.0000	1.0000030	1.0000028	-0.2
18.5000	1.0000050	1.0000050	0.0
24.0000	1.0000070	1.0000070	0.0
29.0001	1.0000070	1.0000074	0.4
32.5000	1.0000070	1.0000067	-0.3

t = temperature (°C)

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

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

