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SENSOR SERIAL NUMBER: 1869
CALIBRATION DATE: 04-May-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999816e-001
rtca1 = 1.710812e-006
rtca2 = -3.067784e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999830	0.9999832	0.2
4.4999	0.9999890	0.9999886	-0.4
15.0000	1.0000000	1.0000003	0.3
18.5000	1.0000030	1.0000027	-0.3
24.0000	1.0000050	1.0000050	-0.0
29.0000	1.0000050	1.0000054	0.4
32.5001	1.0000050	1.0000048	-0.2

t = temperature (°C)

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

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

