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SENSOR SERIAL NUMBER: 0819
CALIBRATION DATE: 28-Dec-17

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999790e-001
rtca1 = 1.772467e-006
rtca2 = -2.891408e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999810	0.9999807	-0.3
4.5000	0.9999860	0.9999864	0.4
15.0000	0.9999990	0.9999991	0.1
18.4999	1.0000020	1.0000019	-0.1
24.0000	1.0000050	1.0000049	-0.1
29.0000	1.0000060	1.0000061	0.1
32.5000	1.0000060	1.0000060	0.0

t = temperature (°C)

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

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

