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SENSOR SERIAL NUMBER: 2024
CALIBRATION DATE: 19-Jun-18

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999752e-001
rtca1 = 1.690103e-006
rtca2 = -3.075030e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999770	0.9999769	-0.1
4.5000	0.9999820	0.9999822	0.2
15.0000	0.9999940	0.9999937	-0.3
18.5000	0.9999960	0.9999960	-0.0
24.0000	0.9999980	0.9999981	0.1
29.0000	0.9999980	0.9999984	0.4
32.5001	0.9999980	0.9999977	-0.3

t = temperature (°C)

RTC frequency = rtca0 + rtca1 * t + rtca2 * t²

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

