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SENSOR SERIAL NUMBER: 1806
CALIBRATION DATE: 28-May-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999758e-001
rtca1 = 1.822069e-006
rtca2 = -3.094930e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999780	0.9999776	-0.4
4.5000	0.9999830	0.9999834	0.4
14.9999	0.9999960	0.9999962	0.2
18.4999	0.9999990	0.9999990	-0.0
24.0000	1.0000020	1.0000017	-0.3
29.0001	1.0000030	1.0000027	-0.3
32.5000	1.0000020	1.0000024	0.4

t = temperature (°C)

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

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

