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SENSOR SERIAL NUMBER: 2022
CALIBRATION DATE: 19-Jun-18

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999870e-001
rtca1 = 1.786060e-006
rtca2 = -3.301585e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999890	0.9999887	-0.3
4.5000	0.9999940	0.9999943	0.3
15.0000	1.0000060	1.0000063	0.3
18.5000	1.0000090	1.0000087	-0.3
24.0000	1.0000110	1.0000108	-0.2
29.0000	1.0000110	1.0000110	-0.0
32.5001	1.0000100	1.0000101	0.1

t = temperature (°C)

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

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

