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SENSOR SERIAL NUMBER: 2325
CALIBRATION DATE: 09-Jul-19

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999918e-001
rtca1 = 1.711765e-006
rtca2 = -3.053000e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999940	0.9999934	-0.6
4.5000	0.9999980	0.9999989	0.9
15.0000	1.0000110	1.0000106	-0.4
18.5000	1.0000130	1.0000130	-0.0
24.0000	1.0000150	1.0000153	0.3
29.0000	1.0000160	1.0000157	-0.3
32.5000	1.0000150	1.0000152	0.2

t = temperature (°C)

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

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

