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SENSOR SERIAL NUMBER: 2318
CALIBRATION DATE: 28-Apr-19

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999945e-001
rtca1 = 1.547130e-006
rtca2 = -3.277850e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999960	0.9999960	0.0
4.5000	1.0000010	1.0000008	-0.2
15.0000	1.0000100	1.0000104	0.4
18.5000	1.0000120	1.0000119	-0.1
24.0000	1.0000130	1.0000128	-0.2
29.0000	1.0000120	1.0000118	-0.2
32.5000	1.0000100	1.0000102	0.2

t = temperature (°C)

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

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

