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SENSOR SERIAL NUMBER: 2318  
CALIBRATION DATE: 21-Feb-24

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999952e-001  
rtca1 = 1.526423e-006  
rtca2 = -3.285106e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999970	0.9999967	-0.3
4.5000	1.0000010	1.0000014	0.4
14.9999	1.0000110	1.0000107	-0.3
18.4999	1.0000120	1.0000122	0.2
23.9999	1.0000130	1.0000129	-0.1
29.0000	1.0000120	1.0000119	-0.1
32.5000	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

