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SENSOR SERIAL NUMBER: 3767  
CALIBRATION DATE: 20-Apr-23

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999815e-001  
rtca1 = 1.767668e-006  
rtca2 = -3.504155e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999830	0.9999832	0.2
4.5000	0.9999890	0.9999887	-0.3
15.0000	1.0000000	1.0000001	0.1
18.5000	1.0000020	1.0000022	0.2
24.0000	1.0000040	1.0000037	-0.3
29.0000	1.0000030	1.0000033	0.3
32.5000	1.0000020	1.0000019	-0.1

t = temperature (°C)

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

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

