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SENSOR SERIAL NUMBER: 1850  
CALIBRATION DATE: 08-Jun-23

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999829e-001  
rtca1 = 2.009865e-006  
rtca2 = -3.708423e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999850	0.9999849	-0.1
4.5000	0.9999910	0.9999912	0.2
15.0000	1.0000050	1.0000047	-0.3
18.5000	1.0000070	1.0000074	0.4
24.0000	1.0000100	1.0000098	-0.2
29.0000	1.0000100	1.0000100	0.0
32.5000	1.0000090	1.0000091	0.1

t = temperature (°C)

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

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

