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SENSOR SERIAL NUMBER: 1852  
CALIBRATION DATE: 04-Jun-23

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999820e-001  
rtca1 = 1.786062e-006  
rtca2 = -3.301592e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999840	0.9999837	-0.3
4.5000	0.9999890	0.9999893	0.3
15.0000	1.0000010	1.0000013	0.3
18.5000	1.0000040	1.0000037	-0.3
24.0000	1.0000060	1.0000058	-0.2
29.0000	1.0000060	1.0000060	-0.0
32.5000	1.0000050	1.0000051	0.1

t = temperature (°C)

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

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

