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SENSOR SERIAL NUMBER: 1807  
CALIBRATION DATE: 10-May-24

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999743e-001  
rtca1 = 1.800415e-006  
rtca2 = -3.116982e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999760	0.9999761	0.1
4.4999	0.9999820	0.9999818	-0.2
14.9999	0.9999940	0.9999943	0.3
18.5000	0.9999970	0.9999970	-0.0
23.9999	1.0000000	0.9999996	-0.4
29.0000	1.0000000	1.0000003	0.3
32.5001	1.0000000	0.9999999	-0.1

t = temperature (°C)

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

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

