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SENSOR SERIAL NUMBER: 0817
CALIBRATION DATE: 18-Sep-24

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000009e+000
rtca1 = 1.559261e-006
rtca2 = -3.151810e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	1.0000110	1.0000106	-0.4
4.5000	1.0000150	1.0000154	0.4
14.9999	1.0000250	1.0000254	0.4
18.4999	1.0000270	1.0000271	0.1
24.0000	1.0000290	1.0000283	-0.7
29.0000	1.0000280	1.0000278	-0.2
32.5000	1.0000260	1.0000264	0.4

t = temperature (°C)

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

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

