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SENSOR SERIAL NUMBER: 2328
CALIBRATION DATE: 08-Jun-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000005e+000
rtca1 = 1.583142e-006
rtca2 = -3.071193e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000070	1.0000070	-0.0
4.5000	1.0000120	1.0000119	-0.1
15.0000	1.0000220	1.0000223	0.3
18.5000	1.0000240	1.0000242	0.2
24.0000	1.0000260	1.0000257	-0.3
29.0000	1.0000260	1.0000255	-0.5
32.5000	1.0000240	1.0000244	0.4

t = temperature (°C)

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

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

