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SENSOR SERIAL NUMBER: 2333
CALIBRATION DATE: 25-May-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000008e+000
rtca1 = 1.275500e-006
rtca2 = -2.311731e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9998	1.0000100	1.0000095	-0.5
4.5000	1.0000130	1.0000136	0.6
15.0000	1.0000220	1.0000222	0.2
18.5000	1.0000240	1.0000240	-0.0
23.9999	1.0000260	1.0000256	-0.4
28.9999	1.0000260	1.0000258	-0.2
32.5001	1.0000250	1.0000253	0.3

t = temperature (°C)

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

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

