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SENSOR SERIAL NUMBER: 0661
CALIBRATION DATE: 25-Sep-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999850e-001
rtca1 = 1.608776e-006
rtca2 = -3.101449e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999870	0.9999865	-0.5
4.5000	0.9999910	0.9999916	0.6
15.0000	1.0000020	1.0000021	0.1
18.5000	1.0000040	1.0000041	0.1
24.0000	1.0000060	1.0000057	-0.3
29.0000	1.0000060	1.0000055	-0.5
32.5000	1.0000040	1.0000045	0.5

t = temperature (°C)

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

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

