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SENSOR SERIAL NUMBER: 0817
CALIBRATION DATE: 01-Oct-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000008e+000
rtca1 = 1.596638e-006
rtca2 = -3.227479e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000100	1.0000100	-0.0
4.5000	1.0000150	1.0000150	-0.0
15.0000	1.0000250	1.0000251	0.1
18.5000	1.0000270	1.0000269	-0.1
24.0000	1.0000280	1.0000282	0.2
29.0000	1.0000280	1.0000276	-0.4
32.5000	1.0000260	1.0000262	0.2

t = temperature (°C)

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

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

