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SENSOR SERIAL NUMBER: 0813
CALIBRATION DATE: 25-Sep-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999803e-001
rtca1 = 1.619863e-006
rtca2 = -2.736304e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999820	0.9999819	-0.1
4.5000	0.9999870	0.9999870	0.0
15.0000	0.9999980	0.9999984	0.4
18.5000	1.0000010	1.0000009	-0.1
24.0000	1.0000040	1.0000034	-0.6
29.0000	1.0000040	1.0000043	0.3
32.5000	1.0000040	1.0000040	0.0

t = temperature (°C)

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

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

