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SENSOR SERIAL NUMBER: 0823
CALIBRATION DATE: 08-Sep-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999672e-001
rtca1 = 1.843666e-006
rtca2 = -3.143143e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999690	0.9999691	0.1
4.4999	0.9999750	0.9999749	-0.1
15.0000	0.9999880	0.9999878	-0.2
18.4999	0.9999900	0.9999906	0.6
23.9999	0.9999940	0.9999934	-0.6
29.0000	0.9999940	0.9999943	0.3
32.5001	0.9999940	0.9999940	-0.0

t = temperature (°C)

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

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

