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SENSOR SERIAL NUMBER: 0823
CALIBRATION DATE: 13-Dec-17

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999671e-001
rtca1 = 1.903507e-006
rtca2 = -3.322435e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999690	0.9999690	-0.0
4.5000	0.9999750	0.9999750	-0.0
15.0000	0.9999880	0.9999882	0.2
18.5000	0.9999910	0.9999909	-0.1
24.0000	0.9999940	0.9999937	-0.3
29.0000	0.9999940	0.9999944	0.4
32.5000	0.9999940	0.9999939	-0.1

t = temperature (°C)

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

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

