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SENSOR SERIAL NUMBER: 1842
CALIBRATION DATE: 23-Aug-22

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999743e-001
rtca1 = 1.636624e-006
rtca2 = -3.073115e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999760	0.9999759	-0.1
4.5000	0.9999810	0.9999811	0.1
15.0000	0.9999920	0.9999920	-0.0
18.5000	0.9999940	0.9999941	0.1
24.0000	0.9999960	0.9999959	-0.1
29.0000	0.9999960	0.9999960	-0.0
32.5000	0.9999950	0.9999951	0.1

t = temperature (°C)

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

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

