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SENSOR SERIAL NUMBER: 0827
CALIBRATION DATE: 10-Oct-18

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999855e-001
rtca1 = 1.530269e-006
rtca2 = -2.687137e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999870	0.9999870	0.0
4.5000	0.9999920	0.9999919	-0.1
15.0000	1.0000020	1.0000024	0.4
18.4999	1.0000050	1.0000046	-0.4
24.0000	1.0000070	1.0000068	-0.2
29.0000	1.0000070	1.0000073	0.3
32.5000	1.0000070	1.0000069	-0.1

t = temperature (°C)

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

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

