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SENSOR SERIAL NUMBER: 0471
CALIBRATION DATE: 08-Nov-19

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999741e-001
rtca1 = 1.878691e-006
rtca2 = -2.627122e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999760	0.9999759	-0.1
4.4999	0.9999820	0.9999820	-0.0
15.0000	0.9999960	0.9999963	0.3
18.5000	1.0000000	0.9999998	-0.2
24.0000	1.0000040	1.0000040	0.0
29.0000	1.0000070	1.0000065	-0.5
32.5000	1.0000070	1.0000074	0.4

t = temperature (°C)

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

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

