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SENSOR SERIAL NUMBER: 0385
CALIBRATION DATE: 13-Dec-17

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999960e-001
rtca1 = 1.732580e-006
rtca2 = -3.299670e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999980	0.9999977	-0.3
4.5000	1.0000030	1.0000032	0.2
15.0000	1.0000140	1.0000146	0.6
18.5000	1.0000170	1.0000168	-0.2
24.0000	1.0000190	1.0000186	-0.4
29.0000	1.0000190	1.0000185	-0.5
32.5000	1.0000170	1.0000175	0.5

t = temperature (°C)

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

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

