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SENSOR SERIAL NUMBER: 3531
CALIBRATION DATE: 19-Dec-17

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999842e-001
rtca1 = 1.696465e-006
rtca2 = -3.252415e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999860	0.9999859	-0.1
4.5000	0.9999910	0.9999912	0.2
15.0000	1.0000020	1.0000023	0.3
18.5000	1.0000050	1.0000044	-0.6
24.0000	1.0000060	1.0000062	0.2
29.0000	1.0000060	1.0000060	0.0
32.5000	1.0000050	1.0000050	-0.0

t = temperature (°C)

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

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

