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SENSOR SERIAL NUMBER: 0661
CALIBRATION DATE: 01-Dec-20

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999854e-001
rtca1 = 1.583129e-006
rtca2 = -3.071160e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999870	0.9999870	-0.0
4.5000	0.9999920	0.9999919	-0.1
15.0000	1.0000020	1.0000023	0.3
18.5000	1.0000040	1.0000042	0.2
24.0000	1.0000060	1.0000057	-0.3
29.0000	1.0000060	1.0000055	-0.5
32.5001	1.0000040	1.0000044	0.4

t = temperature (°C)

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

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

