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SENSOR SERIAL NUMBER: 3767
CALIBRATION DATE: 30-Jun-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
rtca0 = 9.999810e-001
rtca1 = 1.793291e-006
rtca2 = -3.534398e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	0.9999830	0.9999828	-0.2
4.4999	0.9999880	0.9999883	0.3
14.9999	1.0000000	0.9999999	-0.1
18.4999	1.0000020	1.0000021	0.1
24.0000	1.0000040	1.0000037	-0.3
29.0000	1.0000030	1.0000033	0.3
32.5000	1.0000020	1.0000019	-0.1

t = temperature (°C)

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

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

Date, Delta F PPM

● 30-Jun-23   -0.00

POST CRUISE CALIBRATION