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SENSOR SERIAL NUMBER: 1860
CALIBRATION DATE: 07-Jun-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
rtca0 = 9.999990e-001
rtca1 = 1.789327e-006
rtca2 = -3.482118e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000010	1.0000007	-0.3
4.5000	1.0000060	1.0000063	0.3
15.0000	1.0000180	1.0000180	-0.0
18.5000	1.0000200	1.0000202	0.2
24.0000	1.0000220	1.0000219	-0.1
29.0000	1.0000220	1.0000216	-0.4
32.5000	1.0000200	1.0000204	0.4

t = temperature (°C)

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

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

Date, Delta F PPM
● 07-Jun-23   -0.00

POST CRUISE
CALIBRATION

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