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SENSOR SERIAL NUMBER: 2329
CALIBRATION DATE: 07-Jun-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
rtca0 = 1.000003e+000
rtca1 = 1.502315e-006
rtca2 = -2.461550e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000050	1.0000047	-0.3
4.5000	1.0000090	1.0000095	0.5
15.0000	1.0000200	1.0000202	0.2
18.5000	1.0000230	1.0000226	-0.4
24.0000	1.0000250	1.0000251	0.1
29.0000	1.0000260	1.0000261	0.1
32.5000	1.0000260	1.0000260	0.0

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