SENSOR SERIAL NUMBER: 1856
CALIBRATION DATE: 22-Jun-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
rtca0 = 9.999864e-001
rtca1 = 1.593372e-006
rtca2 = -3.046953e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999880	0.9999880	-0.0
4.5000	0.9999930	0.9999930	-0.0
15.0000	1.0000030	1.0000035	0.5
18.5000	1.0000060	1.0000055	-0.5
24.0000	1.0000070	1.0000071	0.1
29.0000	1.0000070	1.0000070	-0.0
32.5000	1.0000060	1.0000060	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
● 27-Feb-18   4.00
▲ 22-Jun-23   0.00

POST CRUISE
CALIBRATION