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SENSOR SERIAL NUMBER: 2328
CALIBRATION DATE: 14-Apr-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
rtca0 = 1.000005e+000
rtca1 = 1.612747e-006
rtca2 = -3.153740e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000070	1.0000065	-0.5
4.4999	1.0000110	1.0000116	0.6
15.0000	1.0000220	1.0000221	0.1
18.5000	1.0000240	1.0000240	0.0
24.0000	1.0000260	1.0000255	-0.5
29.0000	1.0000250	1.0000252	0.2
32.5000	1.0000240	1.0000241	0.1

t = temperature (°C)

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

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

POST CRUISE CALIBRATION