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SENSOR SERIAL NUMBER: 3722
CALIBRATION DATE: 12-Nov-23

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.684376e-001
rtca1 = 2.616864e-002
rtca2 = -8.413379e-004

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999870	0.9937649	-6222.1
4.5001	0.9999910	1.0691612	69170.2
15.0000	1.4611120	1.1716662	-289445.8
18.5000	1.0000030	1.1646095	164606.5
24.0000	1.0000040	1.1118743	111870.3
29.0000	1.0000020	1.0197630	19761.0
32.4998	1.0000010	0.9302609	-69740.1

t = temperature (°C)

RTC frequency = rtca0 + rtca1 * t + rtca2 * t²

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

