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SENSOR SERIAL NUMBER: 2327
CALIBRATION DATE: 28-May-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000005e+000
rtca1 = 1.484019e-006
rtca2 = -2.918017e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
0.9999	1.0000060	1.0000061	0.1
4.5000	1.0000110	1.0000107	-0.3
14.9999	1.0000200	1.0000203	0.3
18.4999	1.0000220	1.0000221	0.1
24.0000	1.0000240	1.0000235	-0.5
29.0001	1.0000230	1.0000232	0.2
32.5000	1.0000220	1.0000221	0.1

t = temperature (°C)

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

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

