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SENSOR SERIAL NUMBER: 1858
CALIBRATION DATE: 05-May-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999893e-001
rtca1 = 1.803682e-006
rtca2 = -3.297504e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999910	0.9999911	0.1
4.5000	0.9999970	0.9999968	-0.2
15.0000	1.0000090	1.0000090	-0.0
18.4999	1.0000110	1.0000114	0.4
24.0000	1.0000140	1.0000136	-0.4
28.9999	1.0000140	1.0000139	-0.1
32.5001	1.0000130	1.0000131	0.1

t = temperature (°C)

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

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

