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SENSOR SERIAL NUMBER: 0416
CALIBRATION DATE: 10-Sep-21

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999682e-001
rtca1 = 1.676610e-006
rtca2 = -2.918752e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999700	0.9999699	-0.1
4.5000	0.9999750	0.9999752	0.2
15.0000	0.9999870	0.9999868	-0.2
18.5000	0.9999890	0.9999893	0.3
24.0000	0.9999920	0.9999917	-0.3
29.0000	0.9999920	0.9999923	0.3
32.5000	0.9999920	0.9999919	-0.1

t = temperature (°C)

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

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

