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SENSOR SERIAL NUMBER: 2321
CALIBRATION DATE: 28-Apr-19

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999992e-001
rtca1 = 1.699730e-006
rtca2 = -3.432941e-008

| BATH TEMPERATURE (° C) | RTC FREQUENCY (Hz) | COMPUTED FREQUENCY (Hz) | RESIDUAL (PPM) |
|---------------------------|-----------------------|----------------------------|-------------------|
| 1.0000 | 1.0000010 | 1.0000009 | -0.1 |
| 4.5000 | 1.0000060 | 1.0000062 | 0.2 |
| 15.0000 | 1.0000170 | 1.0000170 | -0.0 |
| 18.5000 | 1.0000190 | 1.0000189 | -0.1 |
| 24.0000 | 1.0000200 | 1.0000202 | 0.2 |
| 29.0000 | 1.0000200 | 1.0000196 | -0.4 |
| 32.5000 | 1.0000180 | 1.0000182 | 0.2 |

t = temperature (°C)

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

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

