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SENSOR SERIAL NUMBER: 2357  
CALIBRATION DATE: 28-Apr-19

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999972e-001  
rtca1 = 1.690208e-006  
rtca2 = -3.328949e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999990	0.9999989	-0.1
4.5000	1.0000040	1.0000041	0.1
15.0000	1.0000150	1.0000151	0.1
18.5000	1.0000170	1.0000171	0.1
24.0000	1.0000190	1.0000186	-0.4
29.0000	1.0000180	1.0000182	0.2
32.5000	1.0000170	1.0000170	-0.0

t = temperature (°C)

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

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

