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SENSOR SERIAL NUMBER: 3763  
CALIBRATION DATE: 27-Feb-18

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999803e-001  
rtca1 = 1.636624e-006  
rtca2 = -3.073115e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999820	0.9999819	-0.1
4.5000	0.9999870	0.9999871	0.1
15.0000	0.9999980	0.9999980	-0.0
18.5000	1.0000000	1.0000001	0.1
24.0000	1.0000020	1.0000019	-0.1
29.0000	1.0000020	1.0000020	-0.0
32.5000	1.0000010	1.0000011	0.1

t = temperature (°C)

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

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

