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SENSOR SERIAL NUMBER: 2333  
CALIBRATION DATE: 22-Jun-18

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000008e+000  
rtca1 = 1.362502e-006  
rtca2 = -2.590976e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000090	1.0000089	-0.1
4.5000	1.0000130	1.0000131	0.1
15.0000	1.0000220	1.0000221	0.1
18.5000	1.0000240	1.0000239	-0.1
24.0000	1.0000250	1.0000253	0.3
28.9999	1.0000260	1.0000253	-0.7
32.5001	1.0000240	1.0000244	0.4

t = temperature (°C)

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

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

