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SENSOR SERIAL NUMBER: 2341  
CALIBRATION DATE: 22-Jun-18

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999837e-001  
rtca1 = 1.479844e-006  
rtca2 = -2.357909e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999850	0.9999852	0.2
4.5000	0.9999900	0.9999899	-0.1
15.0000	1.0000010	1.0000006	-0.4
18.5000	1.0000030	1.0000030	0.0
24.0000	1.0000050	1.0000056	0.6
29.0000	1.0000070	1.0000068	-0.2
32.5000	1.0000070	1.0000069	-0.1

t = temperature (°C)

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

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

