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SENSOR SERIAL NUMBER: 1851  
CALIBRATION DATE: 24-Apr-19

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999841e-001  
rtca1 = 1.726222e-006  
rtca2 = -3.122296e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999860	0.9999858	-0.2
4.5000	0.9999910	0.9999912	0.2
15.0000	1.0000030	1.0000030	-0.0
18.5000	1.0000050	1.0000053	0.3
23.9999	1.0000080	1.0000075	-0.5
29.0000	1.0000080	1.0000079	-0.1
32.5000	1.0000070	1.0000072	0.2

t = temperature (°C)

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

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

