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SENSOR SERIAL NUMBER: 1853  
CALIBRATION DATE: 04-May-21

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999863e-001  
rtca1 = 1.632646e-006  
rtca2 = -3.020814e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999880	0.9999879	-0.1
4.4999	0.9999930	0.9999931	0.1
15.0000	1.0000040	1.0000040	0.0
18.5000	1.0000060	1.0000062	0.2
24.0000	1.0000080	1.0000081	0.1
29.0000	1.0000090	1.0000083	-0.7
32.5001	1.0000070	1.0000075	0.5

t = temperature (°C)

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

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

