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SENSOR SERIAL NUMBER: 1850  
CALIBRATION DATE: 25-Apr-19

SBE 37 RTC CALIBRATION DATA  
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999841e-001  
rtca1 = 1.913130e-006  
rtca2 = -3.680331e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999860	0.9999859	-0.1
4.5000	0.9999920	0.9999919	-0.1
15.0000	1.0000040	1.0000045	0.5
18.5000	1.0000070	1.0000069	-0.1
24.0000	1.0000090	1.0000088	-0.2
29.0000	1.0000090	1.0000086	-0.4
32.5001	1.0000070	1.0000074	0.4

t = temperature (°C)

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

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

