

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3531
CALIBRATION DATE: 01-Oct-15

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999843e-001

rtca1 = 1.636623e-006

rtca2 = -3.073121e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999860	0.9999859	-0.1
4.4999	0.9999910	0.9999911	0.1
15.0000	1.0000020	1.0000020	-0.0
18.4999	1.0000040	1.0000041	0.1
24.0000	1.0000060	1.0000059	-0.1
29.0000	1.0000060	1.0000060	-0.0
32.5000	1.0000050	1.0000051	0.1

$\text{RTC frequency} = \text{rtca0} + \text{rtca1} * t + \text{rtca2} * t^2$

$\text{Residual} = (\text{Computed RTC frequency} - \text{Measured RTC frequency}) * 1e6$

