Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 2322 CALIBRATION DATE: 28-Jan-17 SBE 37 RTC CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 1.000005e+000 rtca1 = 1.516899e-006 rtca2 = -3.181109e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	1.0000070	1.0000067	-0.3
4.5000	1.0000110	1.0000114	0.4
14.9999	1.0000210	1.0000208	-0.2
18.5000	1.0000220	1.0000224	0.4
24.0000	1.0000240	1.0000233	-0.7
29.0000	1.0000220	1.0000225	0.5
32.5000	1.0000210	1.0000209	-0.1

t = temperature (°C)

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

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

