

SEA-BIRD ELECTRONICS, INC.

1808 136th Place N.E., Bellevue, Washington, 98005 USA
 Phone: (425) 643 - 9866 Fax (425) 643 - 9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 3318
 CALIBRATION DATE: 06-Mar-07

SBE 37 RTC CALIBRATION DATA
 ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999743e-001
 rtca1 = 1.642888e-006
 rtca2 = -2.996607e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999760	0.9999759	-0.1
4.5000	0.9999810	0.9999811	0.1
14.9999	0.9999920	0.9999922	0.2
18.4999	0.9999950	0.9999945	-0.5
24.0000	0.9999960	0.9999965	0.5
28.9999	0.9999970	0.9999968	-0.2
32.5000	0.9999960	0.9999961	0.1

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

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

