Sea-Bird Electronics, Inc.

13431 NE 20th Street, Bellevue, WA 98005-2010 USA

Phone: (+1) 425-643-9866 Fax (+1) 425-643-9954 Email: seabird@seabird.com

SENSOR SERIAL NUMBER: 0810 CALIBRATION DATE: 03-Mar-15

SBE 39 RTC CALIBRATION DATA ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999814e-001 rtca1 = 1.636058e-006 rtca2 = -3.635789e-008

RTC FREQ	COMPUTED FREQ	RESIDUAL (PPM)
` '	` '	` ,
0.9999790	0.9999769	-0.1
0.9999830	0.9999830	-0.0
0.9999880	0.9999880	0.0
0.9999920	0.9999921	0.1
0.9999950	0.999954	0.4
0.9999980	0.9999977	-0.3
0.9999990	0.999992	0.2
1.000000	0.999998	-0.2
1.000000	0.999995	-0.5
0.9999980	0.999983	0.3
0.9999960	0.9999962	0.2
	(Hz) 0.9999790 0.9999830 0.9999880 0.9999920 0.9999950 0.9999980 0.9999990 1.0000000 1.0000000	(Hz) (Hz) 0.9999790 0.9999789 0.9999830 0.9999830 0.9999880 0.9999880 0.9999920 0.9999921 0.9999950 0.9999954 0.9999980 0.9999977 0.9999990 0.9999992 1.0000000 0.9999998 0.9999980 0.9999983

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

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

