## Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 0990 CALIBRATION DATE: 12-Feb-14

SBE 39 RTC CALIBRATION DATA ITS-90 TEMPERATURE SCALE

## COEFFICIENTS:

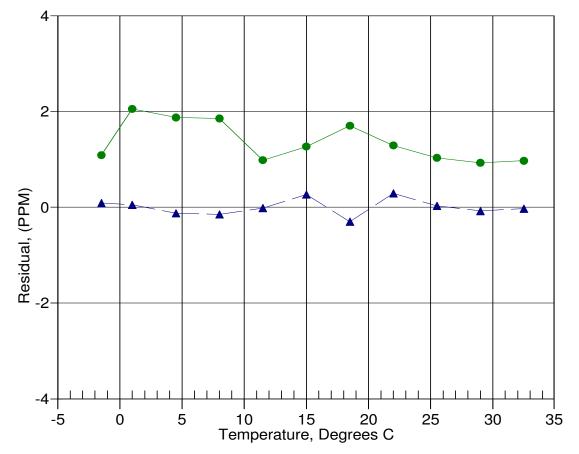
rtca0 = 1.000001e+000 rtca1 = 1.568336e-006 rtca2 = -3.457149e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5000	0.9999980	0.9999981	0.1
1.0000	1.0000020	1.0000020	0.0
4.5000	1.0000070	1.0000069	-0.1
8.0000	1.0000110	1.0000108	-0.2
11.5000	1.0000140	1.0000140	-0.0
15.0000	1.0000160	1.0000163	0.3
18.5000	1.0000180	1.0000177	-0.3
22.0000	1.0000180	1.0000183	0.3
25.5000	1.0000180	1.0000180	0.0
29.0000	1.0000170	1.0000169	-0.1
32.5000	1.0000150	1.0000150	-0.0

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

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

Date, Delta F ppm



● 21-Jan-11 15.00 ▲ 12-Feb-14 -0.00