

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: 3423

CALIBRATION DATE: 12-Sep-14

SBE 37 RTC CALIBRATION DATA

ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999914e-001

rtca1 = 1.596638e-006

rtca2 = -3.227479e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999930	0.9999930	-0.0
4.5000	0.9999980	0.9999980	-0.0
15.0000	1.0000080	1.0000081	0.1
18.5000	1.0000100	1.0000099	-0.1
24.0000	1.0000110	1.0000112	0.2
29.0000	1.0000110	1.0000106	-0.4
32.5000	1.0000090	1.0000092	0.2

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

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

