

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: 0826

CALIBRATION DATE: 13-Sep-14

SBE 37 RTC CALIBRATION DATA

ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999863e-001

rtca1 = 1.623119e-006

rtca2 = -2.916812e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
0.9999	0.9999880	0.9999879	-0.1
4.5000	0.9999930	0.9999930	0.0
15.0000	1.0000040	1.0000041	0.1
18.4999	1.0000060	1.0000064	0.4
24.0000	1.0000090	1.0000085	-0.5
29.0000	1.0000090	1.0000089	-0.1
32.5000	1.0000080	1.0000083	0.3

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

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

