

Sea-Bird Electronics, Inc.

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SENSOR SERIAL NUMBER: 3777

CALIBRATION DATE: 24-Sep-15

SBE 37 RTC CALIBRATION DATA

ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999720e-001

rtca1 = 1.775729e-006

rtca2 = -3.071921e-008

BATH TEMP (ITS-90)	RTC FREQ (Hz)	COMPUTED FREQ (Hz)	RESIDUAL (PPM)
1.0000	0.9999740	0.9999737	-0.3
4.5000	0.9999790	0.9999794	0.4
15.0000	0.9999920	0.9999917	-0.3
18.5000	0.9999940	0.9999943	0.3
24.0000	0.9999970	0.9999969	-0.1
29.0000	0.9999980	0.9999977	-0.3
32.5000	0.9999970	0.9999973	0.3

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

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

