SEA-BIRD ELECTRONICS, INC.

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SENSOR SERIAL NUMBER: 0520
CALIBRATION DATE: 17-Dec-10

SBE 39 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:

rtca0 = 9.999764e-001
rtca1 = 1.595664e-006
rtca2 = -3.425642e-008

BATH TEMP (ITS-90)	RTC FREO (Hz)	COMPUTED FREO (Hz)	RESIDUAL (PPM)
-1.5000	0.9999740	0.9999740	-0.0
0.9999	0.9999780	0.9999780	0.0
4.4999	0.9999830	0.9999829	-0.1
8.0000	0.9999870	0.9999870	0.0
11.5000	0.9999900	0.9999903	0.3
15.0000	0.9999930	0.9999927	-0.3
18.5000	0.9999940	0.9999942	0.2
22.0000	0.9999950	0.9999950	-0.0
25.5000	0.9999950	0.9999949	-0.1
29.0000	0.9999940	0.9999939	-0.1
32.5000	0.9999920	0.9999921	0.1

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

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