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SENSOR SERIAL NUMBER: 0570
CALIBRATION DATE: 25-Nov-15

SBE 39 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
rtca0 = 9.999805e-001
rtca1 = 1.593040e-006
rtca2 = -3.520753e-008

BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
-1.5000	0.9999780	0.9999780	-0.0
1.0000	0.9999820	0.9999820	0.0
4.5000	0.9999870	0.9999869	-0.1
8.0000	0.9999910	0.9999909	-0.1
11.5000	0.9999940	0.9999941	0.1
15.0000	0.9999960	0.9999964	0.4
18.5000	0.9999980	0.9999979	-0.1
22.0000	0.9999990	0.9999985	-0.5
25.5000	0.9999980	0.9999982	0.2
29.0000	0.9999970	0.9999970	0.0
32.5000	0.9999950	0.9999950	0.0

t = temperature (°C)

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

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

Date, Delta F PPM
● 11-Feb-14   2.00
▲ 25-Nov-15   0.00

POST CRUISE CALIBRATION