Sea-Bird Scientific
13431 NE 20th Street
Bellevue, WA 98005
USA

+1 425-643-9866
seabird@seabird.com
www.seabird.com

SENSOR SERIAL NUMBER: 1855
CALIBRATION DATE: 19-Jul-19

SBE 37 RTC CALIBRATION DATA
ITS-90 TEMPERATURE SCALE

COEFFICIENTS:
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rtca0 =  9.999871e-001
rtca1 =  1.753212e-006
rtca2 = -3.434863e-008
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BATH TEMPERATURE (° C)	RTC FREQUENCY (Hz)	COMPUTED FREQUENCY (Hz)	RESIDUAL (PPM)
1.0000	0.9999890	0.9999888	-0.2
4.5000	0.9999940	0.9999943	0.3
15.0000	1.0000060	1.0000057	-0.3
18.5000	1.0000080	1.0000078	-0.2
23.9999	1.0000090	1.0000094	0.4
29.0000	1.0000090	1.0000091	0.1
32.5000	1.0000080	1.0000078	-0.2

t = temperature (°C)

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

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

Date, Delta F PPM

● 22-Nov-15   1.00
▲ 09-Jul-19   1.00
■ 19-Jul-19   0.00

POST CRUISE
CALIBRATION

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