

# SYSTEM CONFIGURATION

Model SBE 19plusV2	S/N 19-7798
Instrument Type	SBE 19plusV2 Seacat
Firmware Version	3.1.8
Communications	4800 baud, 8 data bits, no parity, one stop bit
Memory	64MB

Housing	600 meter (Acetron plastic)
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Pressure Sensor	Strain Gauge: 600 dBar, S/N-10236283
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Zero Conductivity Raw Frequency	2757.40 Hz
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Number of Voltages Sampled:	2
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Serial RS-232C Sensor	ECO-TRIPLET
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Pump (SBE 5)	05-9011
Oxygen (SBE43)	43-3513
CHL/PE/CDOM (Wet Labs ECO)	TRIPLET-4660
PAR (Biospherical)	70648

## Common SBE Factory Default Values for Sensor Delays:

Seacat without external sensors..... 0 Seconds

Minimum delay for external sensors (voltage or serial)..... 4 Seconds

*Common sensors with a 4 second delay include:*

*Wet Labs ECO sensors, Seapoint STM and SCF, PAR sensors, SBE38, SBE50, Cylcops-7, & OBS3+*

Wet Labs C-Star..... 10 Seconds

SBE43 (0.5 mil membrane) ..... 30 Seconds

SBE43 (1.0 mil membrane) ..... 40 Seconds

SBE63..... 40 Seconds

SBE18 or SBE27..... 60 Seconds

**Configured Overall Delay Setting for this CTD (Moored Mode):      30 Seconds**

Note: Overall Voltage Delay Setting is based on the longest time delay as needed. A list is provided above of common sensor delay values programmed into CTD when integrated and shipped from Sea-Bird Electronics. To recalculate this value when adding or removing sensors, please refer to CTD manual.

## SEASOFT CONFIGURATION:

The settings for the configuration of your instrument as delivered are documented below:

Configuration for the SBE 19plus V2 Seacat CTD

Configuration file opened: 19-7798.xmlcon

Pressure sensor type: Strain Gauge

External voltage channels: 2

Mode: Profile

Serial RS-232C sensor: WET Labs

Sample interval seconds: 60

Scans to average: 1

☐ NMEA position data added ☐ NMEA depth data added

☐ NMEA device connected to deck unit ☐ NMEA time added

☐ NMEA device connected to PC

☐ Surface PAR voltage added ☐ Scan time added

Channel	Sensor
1. Count	Temperature
2. Frequency	Conductivity
3. Count	Pressure, Strain Gauge
4. A/D voltage 0	Oxygen, SBE 43
5. A/D voltage 1	PAR/Irradiance, Biospherical/Licor
6. Serial RS-232	Fluorometer, WET Labs ECO-AFL/FL
7. Serial RS-232	Fluorometer, WET Labs ECO-AFL/FL, 2
8. Serial RS-232	Fluorometer, WET Labs ECO CDOM

New

Open...

Save

Save As...

Select...

Modify...

Report... Help... Exit Cancel