

# SYSTEM CONFIGURATION

Model SBE 16plusV2	<b>S/N 16-50484</b>
Instrument Type	<b>SBE 16plusV2 Seacat</b>
Firmware Version	<b>3.2.0</b>
Communications	<b>9600 baud, 8 data bits, no parity, one stop bit</b>
Memory	<b>64MB</b>

Housing	<b>600 meter (Acetron plastic)</b>
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Pressure Sensor	<b>Strain Gauge: 20 dBar, S/N 11999143</b>
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Zero Conductivity Raw Frequency	<b>2565.40 Hz</b>
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Number of Voltages Sampled:	<b>1</b>
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Serial RS-232C Sensor	<b>SBE63</b>
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<b>Pump (SBE 5)</b>	<b>05-11175</b>
<b>Oxygen (SBE 63)</b>	<b>63-3227</b>
<b>CHL (ECO)</b>	<b>FLS-7581</b>

## 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

<b>Configured Overall Delay Setting for this CTD:</b>	<b>40 Seconds</b>
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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 16plus V2 Seacat CTD

Configuration file opened: 16-50484.xmlcon

Pressure sensor type: Strain Gauge Data...

External voltage channels: 1

Serial RS-232C sensor: SBE 63 Oxygen

Sample interval seconds: 60

☐ NMEA position data added

Channel	Sensor
1. Count	Temperature
2. Frequency	Conductivity
3. Count	Pressure, Strain Gauge
4. A/D voltage 0	Fluorometer, WET Labs ECO-AFL/FL
5. Serial RS-232	Oxygen, SBE 63

New Open... Save Save As... Select... Modify...

Report... Help... Exit Cancel