How do I set up My Maretron Telemetric Cloud Service?

645 Mark Oslund October 26, 2016 MBB200C (Discontinued), MBB300C, N2KTracker, N2KView, TSM1330C (Discontinued), TSM800C (Discontinued) 0 9.52K

Maretron Telemetric Cloud Service (TCS) offers an extremely powerful way to send periodic data from the Maretron vessel monitoring and control system onboard your vessel to a cloud based storage service. Simply connect your Maretron Black Box (MBB200C or MBB300C) or Touchscreen (TSM800C or TSM1330C) to your vessel's Internet connection, fill out the activation form, and select what parameters you want stored in the cloud.

Telemetric Cloud Service requires certain hardware and software:

- Hardware: Maretron Black Box - (MBB200C or MBB300C), Touch Screen (TSM800C or TSM1330C), GPS antenna/receiver (GPS200), connected via an NMEA 2000 network
- Software: N2KView Software Version 5.1.2 or higher running on hardware platforms shown above.
- For a suggested system, see https://www.maretron.com/examples/applications/telemetricCloudService/TelemetricCloudServiceBasicSystem.php

Preparations:

Set up your Telemetric Cloud Service following these steps:

1. If necessary, update N2KView software to 5.1.2 (software version number can be found under N2KView "About" tab).

2. Next get your serial number, which is shown within N2KView running on your hardware (MBB200C/MBB300C or TSM800C/TSM1330C). Go to *Commands & Settings->Telemetrics*, and the hardware *Serial Number* will be shown in the upper right corner (see Figure 1). You will need this serial number during the online sign up process.

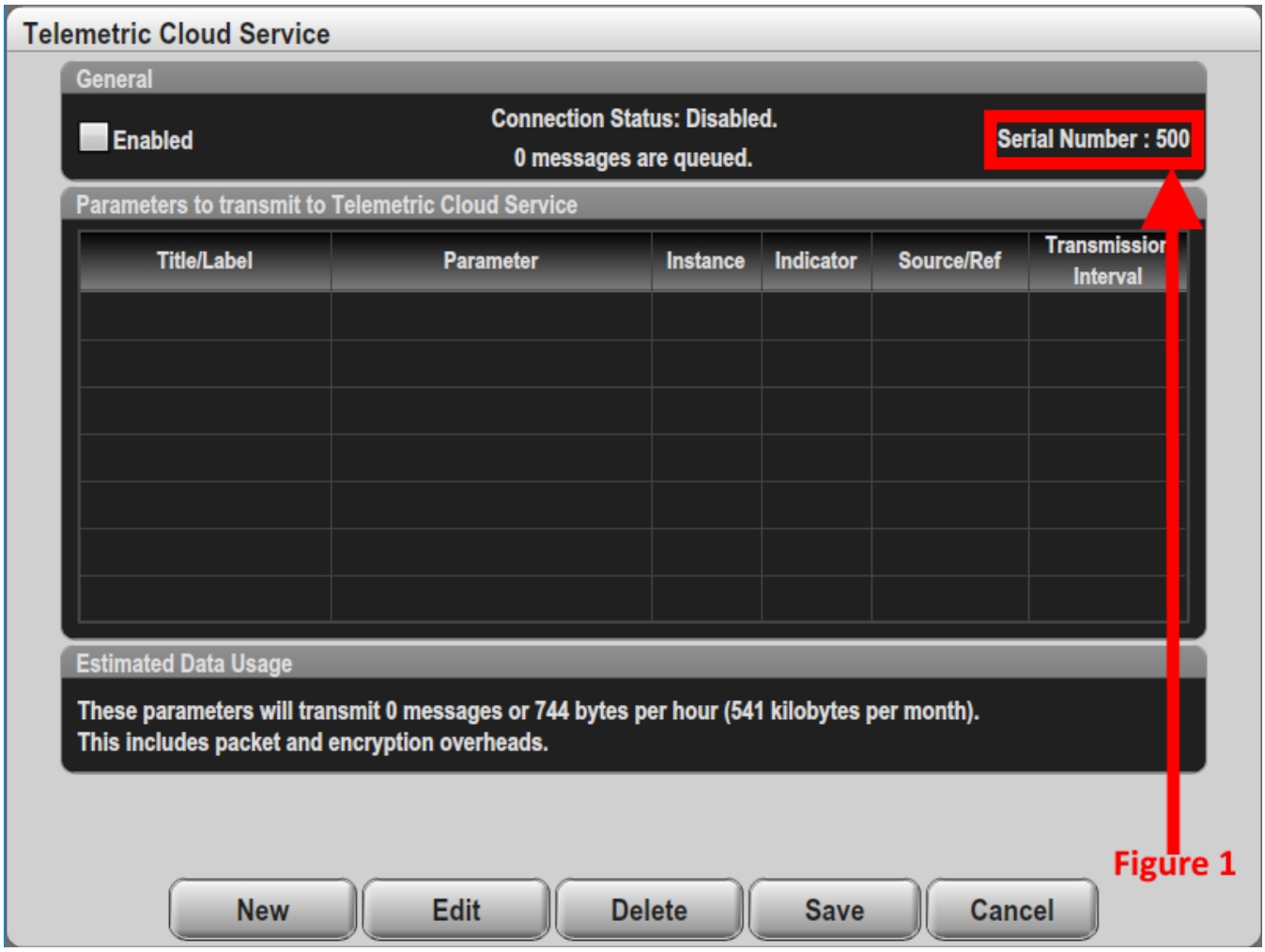


Figure 1

3. Complete the online sign up for Maretron Telemetric Cloud Service (https://www.maretron.com/products/telemetricCloudService.php). Note: To complete the activation you must have the serial number of your hardware.

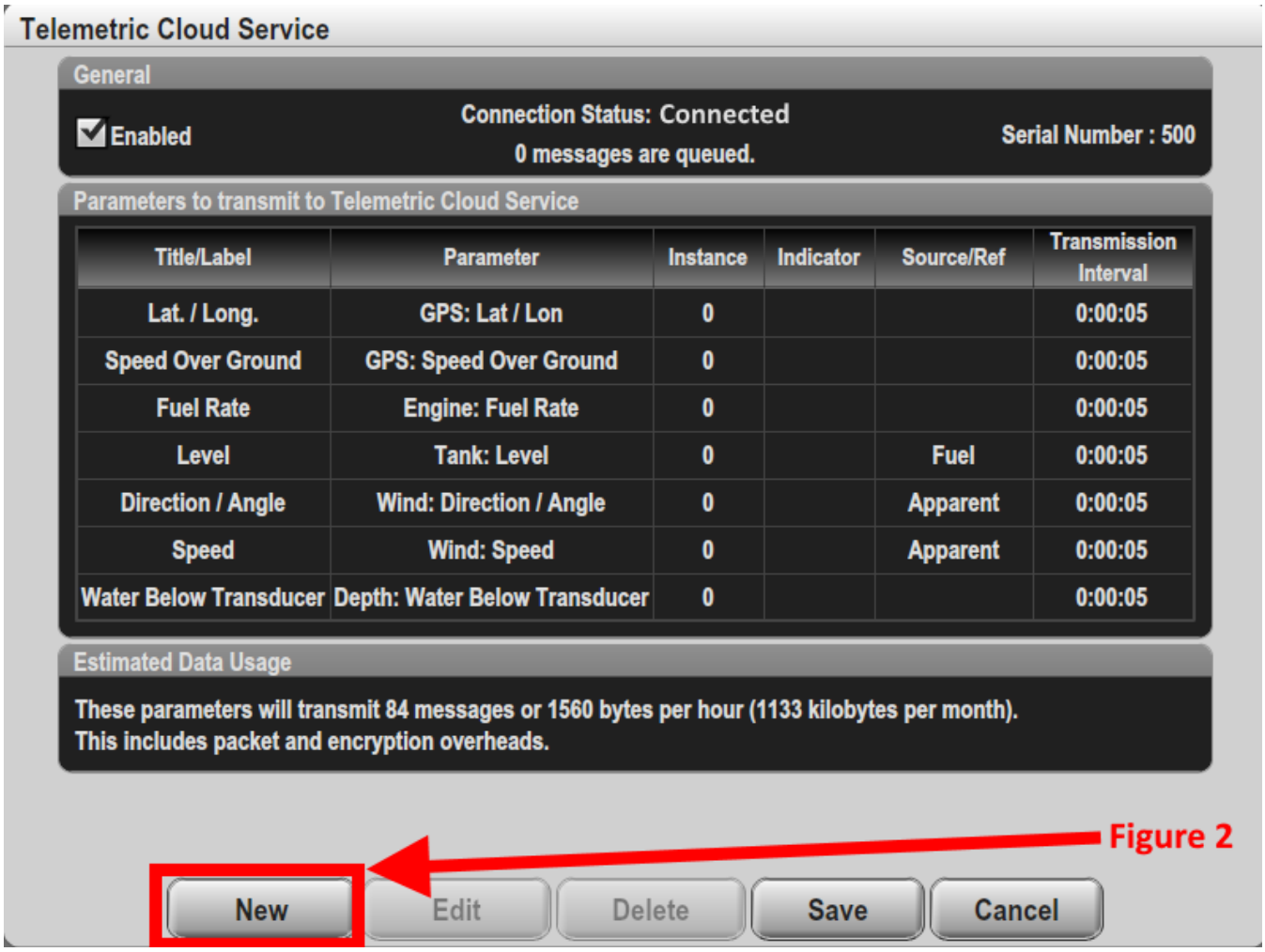
4. Once you have received the email confirming that your Maretron Telemetric Cloud Service is activated, you are ready to begin sending data from N2KView on the vessel to the Maretron Telemetric Cloud Server.

The next steps will show you how to configure your N2KView for sending data to the Maretron Telemetric Cloud Server.

1. Within N2KView, go to *Commands & Settings->Telemetrics*

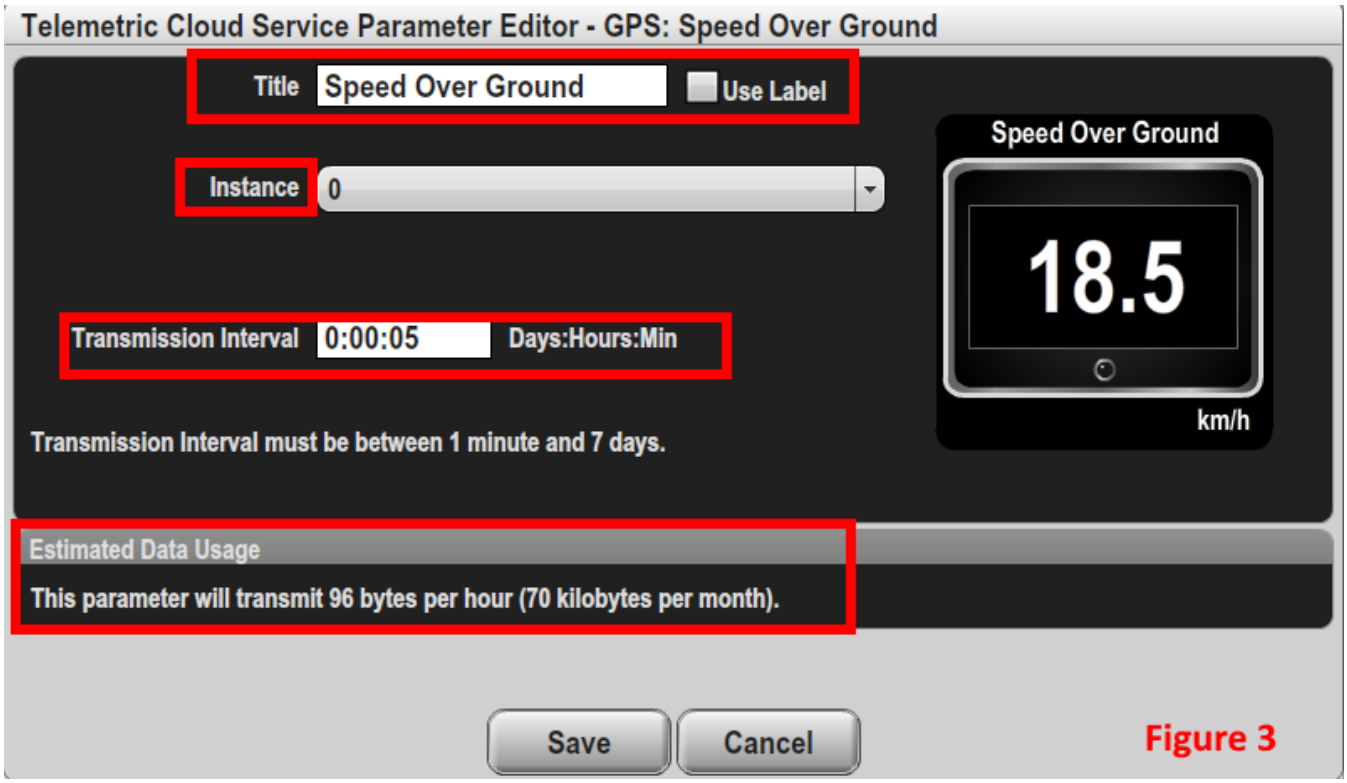
2. With reference to Figure 2, click 

to select a parameter to be transmitted to the Maretron Telemetric Cloud Server.

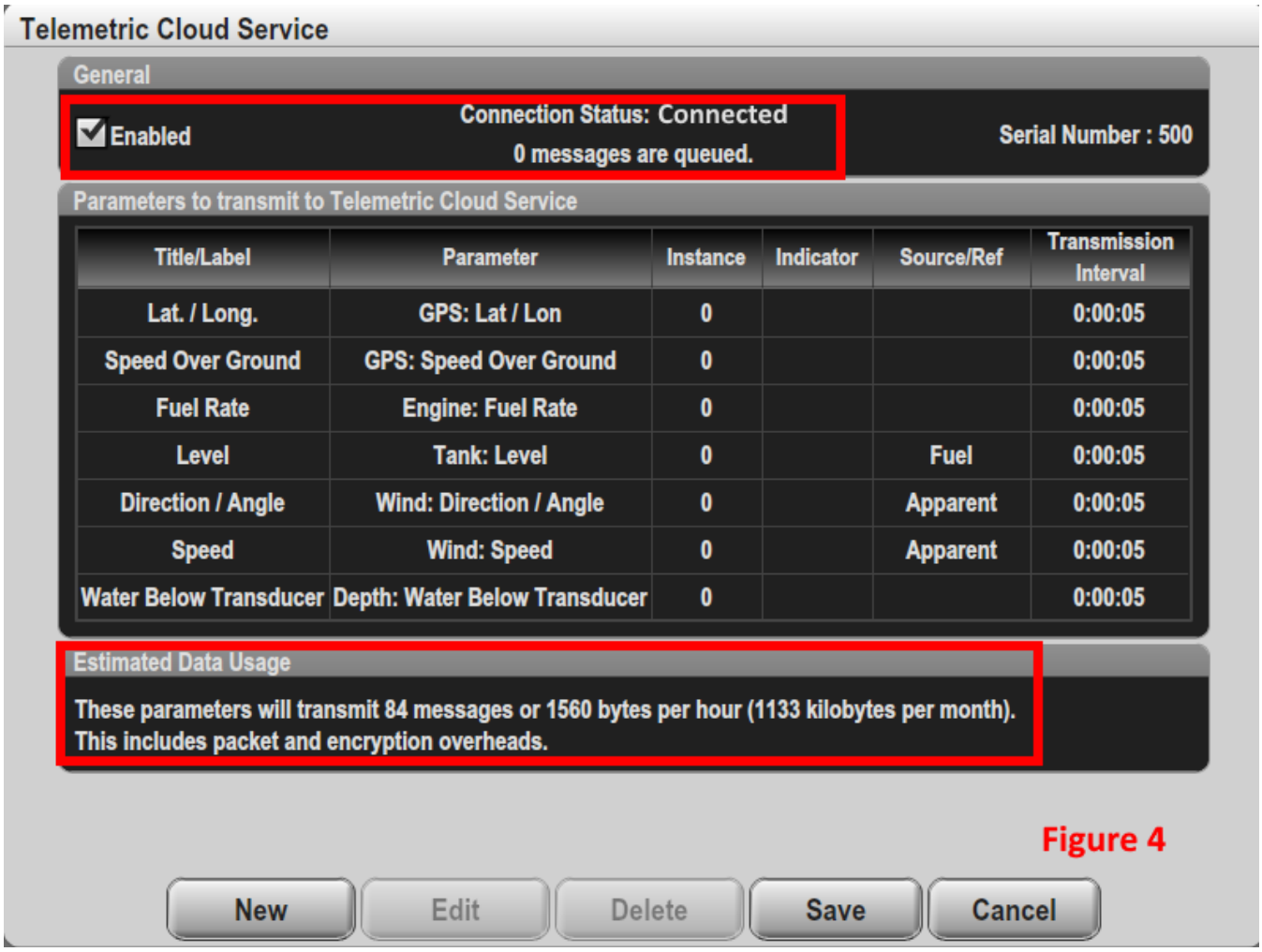


3. As shown in Figure 3, edit the details for the information that you wish to transmit such as *Title*, *Transmission Interval*, and *Instance/Source*. Once the parameter is set, click *Save*.

Note: the configuration for each parameter will affect your data rates for your vessel's Internet service. See *Estimated Data Usage* in Figure 3. The *Estimated Data Usage* for a single parameter does not include overhead; however, overhead is considered on a different screen where all parameters are shown together.



4. With reference to Figure 4, examine the list of *Parameters* you wish to send to Telemetric Cloud Service. Observe the *Connection Status* and confirm that the *Enabled* checkbox is checked, which will enable the service to begin sending data. Figure 3 shows a parameter list with Telemetric Cloud Service *Enabled* and an active connection to the Telemetric Cloud Service.



5. The Estimated Data Usage box shown in figure 4 reflects data usage for all parameters including overhead.

Online URL: https://maretron.com/wp-content/phpkbv96/article.php?id=645