

Setting up the connection in OpenCPN

1. If you do not already have OpenCPN installed, it can be downloaded from here:

<https://opencpn.org/OpenCPN/info/downloads.html>

2. With OpenCPN downloaded and installed, run the program. You will be presented with the following screen upon startup:

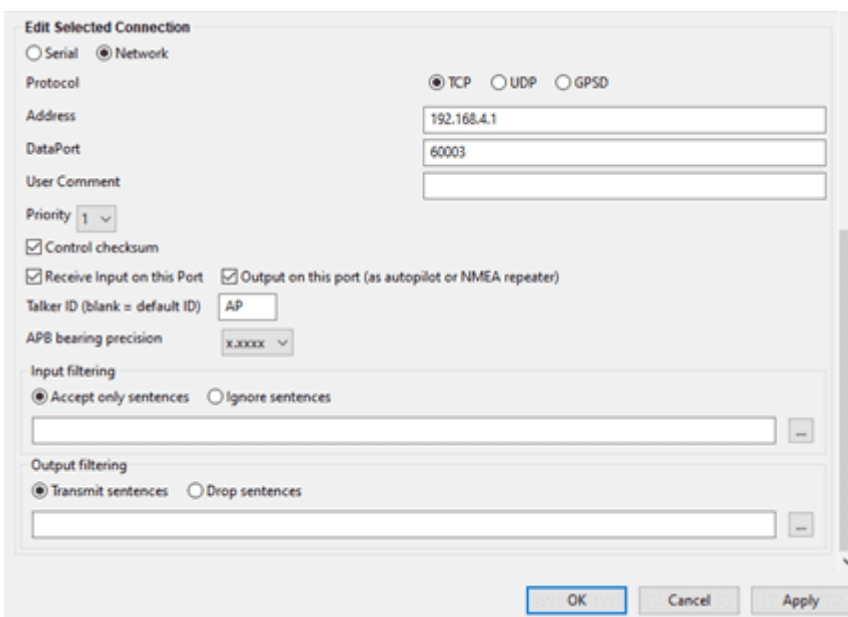


3. Select the settings icon:



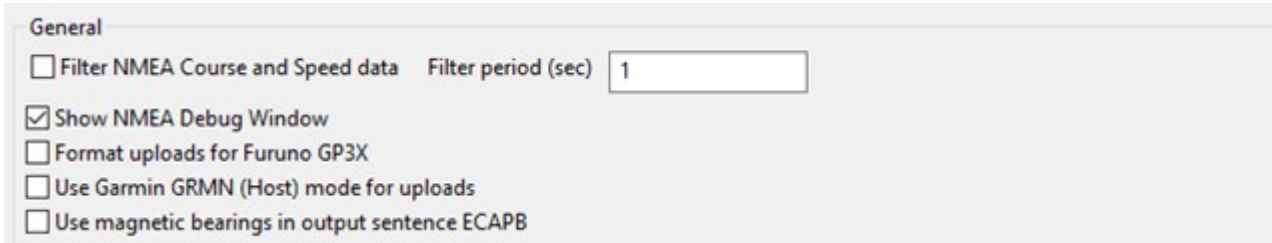
4. Go to the Connections tab, this is where you will set up your IP connection with the W2K-1. Select 'add connection'.

5. Enter the IP and Port Number of the W2K + Data Server you are using:

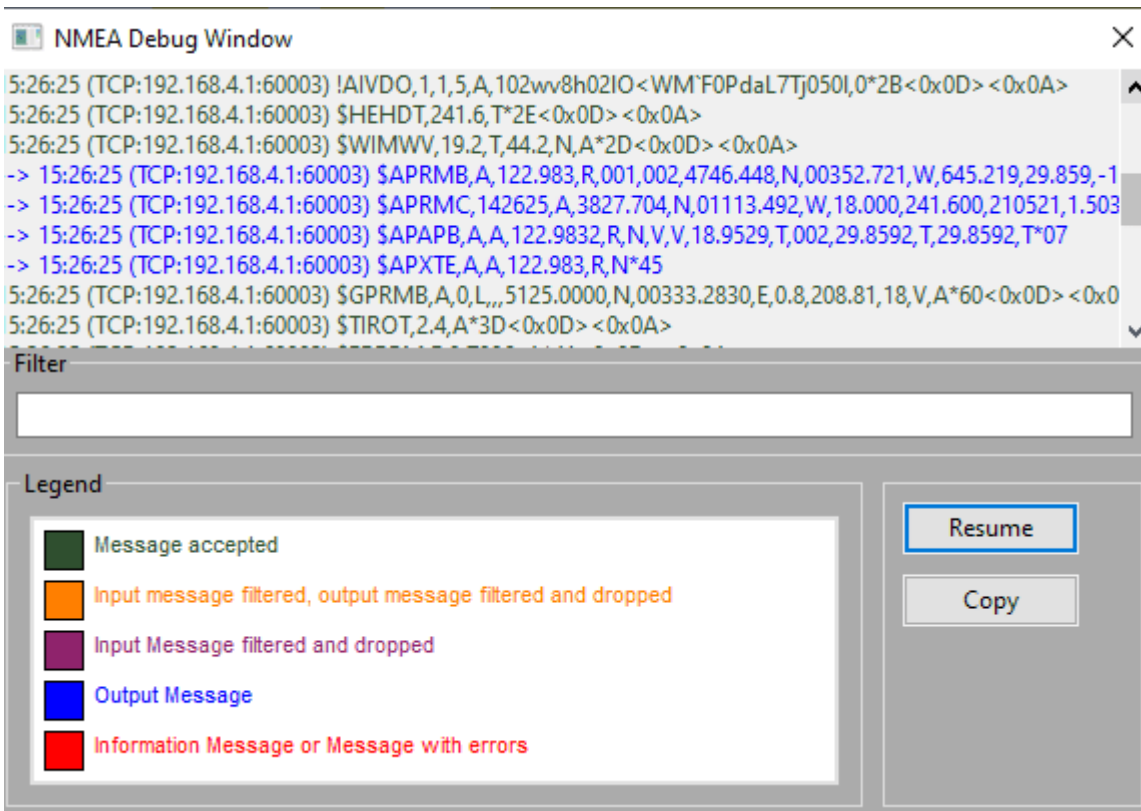


6. If you want the connection to operate on both Transmit to the W2K-1 and Receive from the W2K-1, then the 'Receive Input on this port' and 'Output on this port' must both be ticked.

7. One very useful tip we recommend is that you enable the NMEA Debug Window. This window will indicate the data that is being sent and received, and whether there are any errors, thanks to OpenCPN's easy to use sentence colour scheme.



8. The debug window will show every sentence being sent and received and highlight any sentences in red if there is an error. Green is received sentences, and blue is transmitted sentences by OpenCPN:



The steps above detail how to connect your W2K-1 to OpenCPN when using the Access Point (AP) connection, however, this can also be done via the Client connection option on the W2K-1.