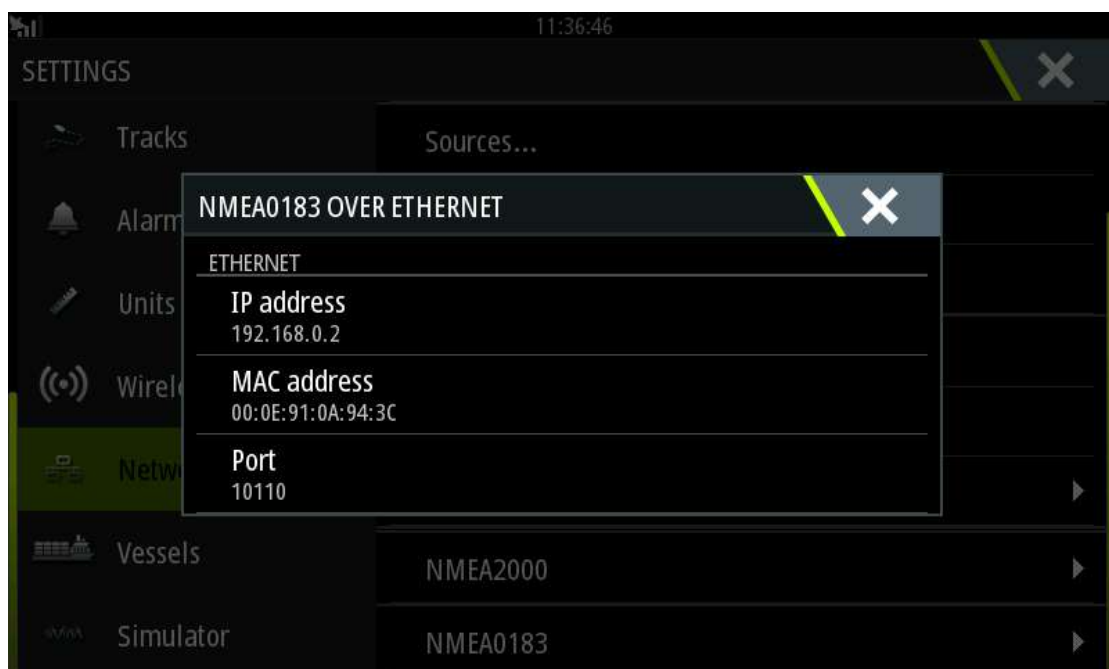


Determine the IP address of the B&G Chartplotter.

Goto->Settings->Network->



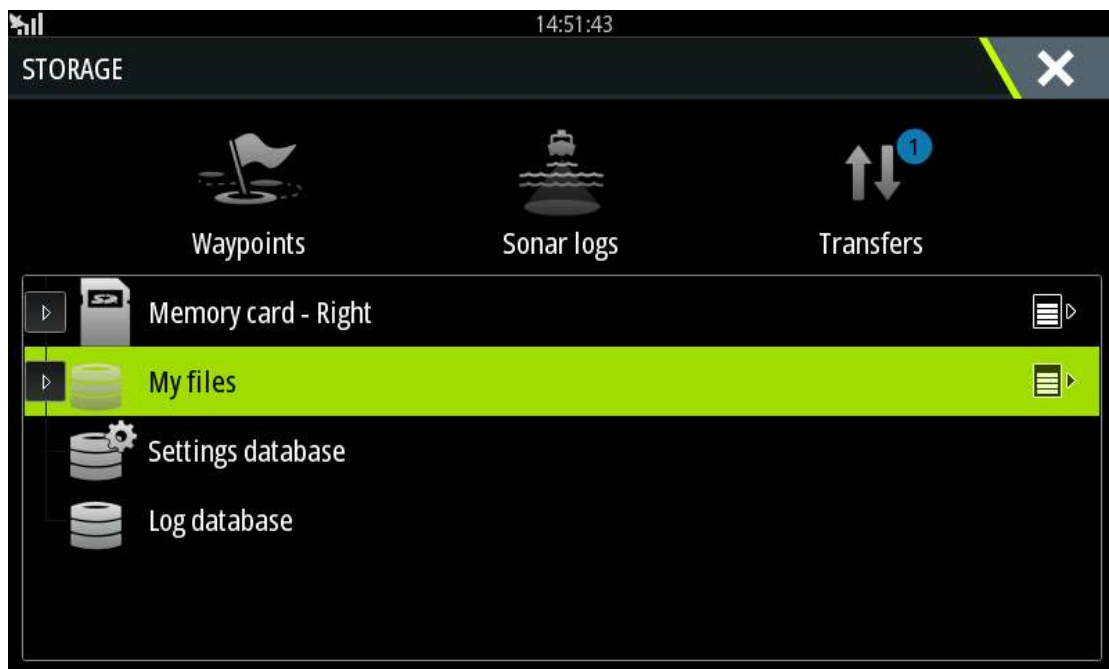
NMEA0183->Ethernet



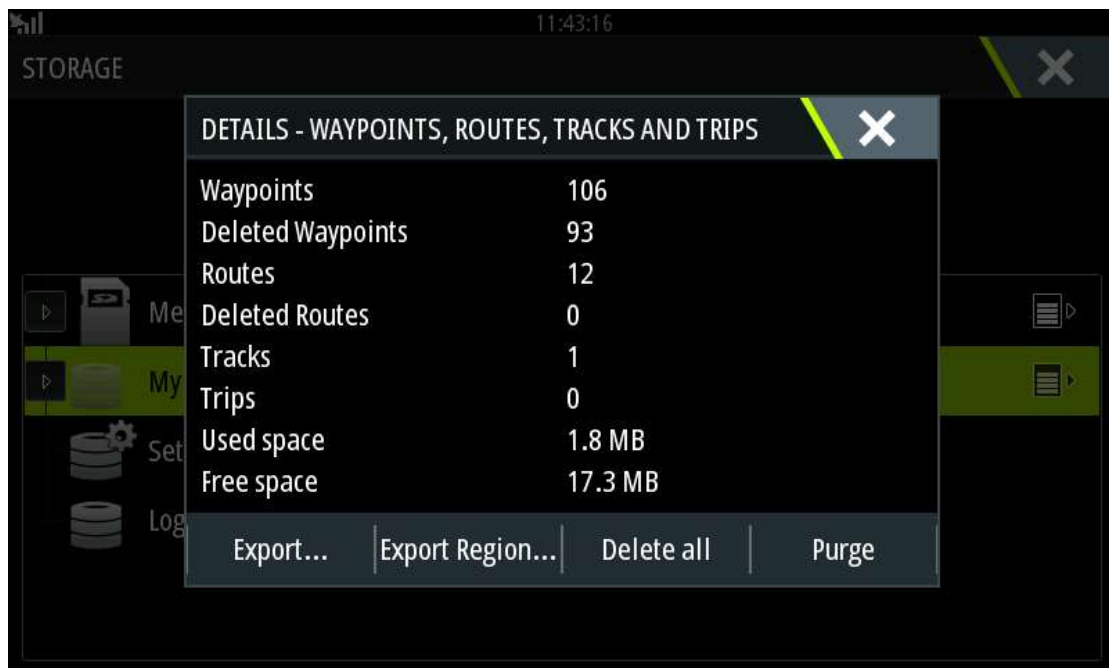
Note the IP Address, in this example 192.168.0.2. Also note the Port number, 10110 which is the default for transmitting NMEA 183 sentences over a network.

To import or export Waypoint, Tracks and Routes

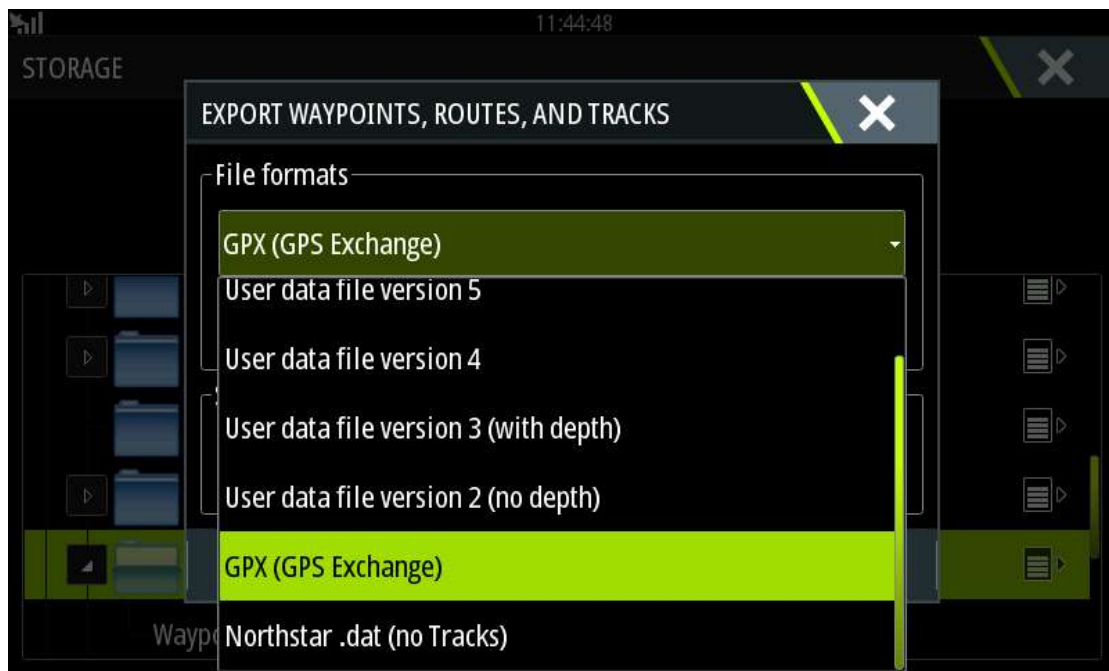
Goto Settings->Storage



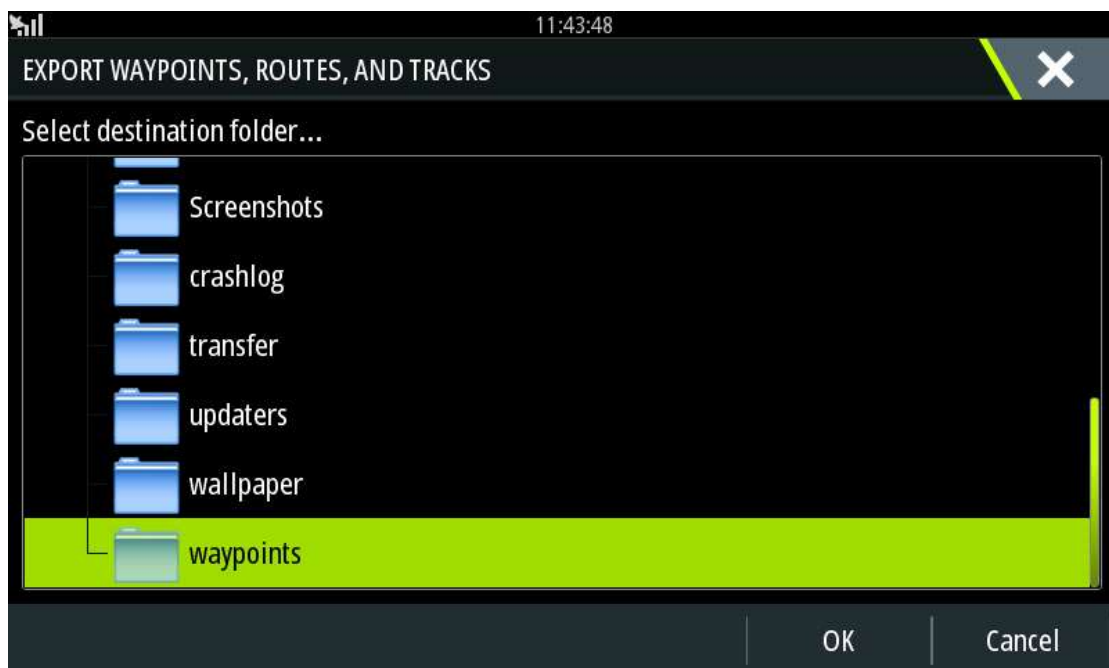
To export, select the Waypoints button



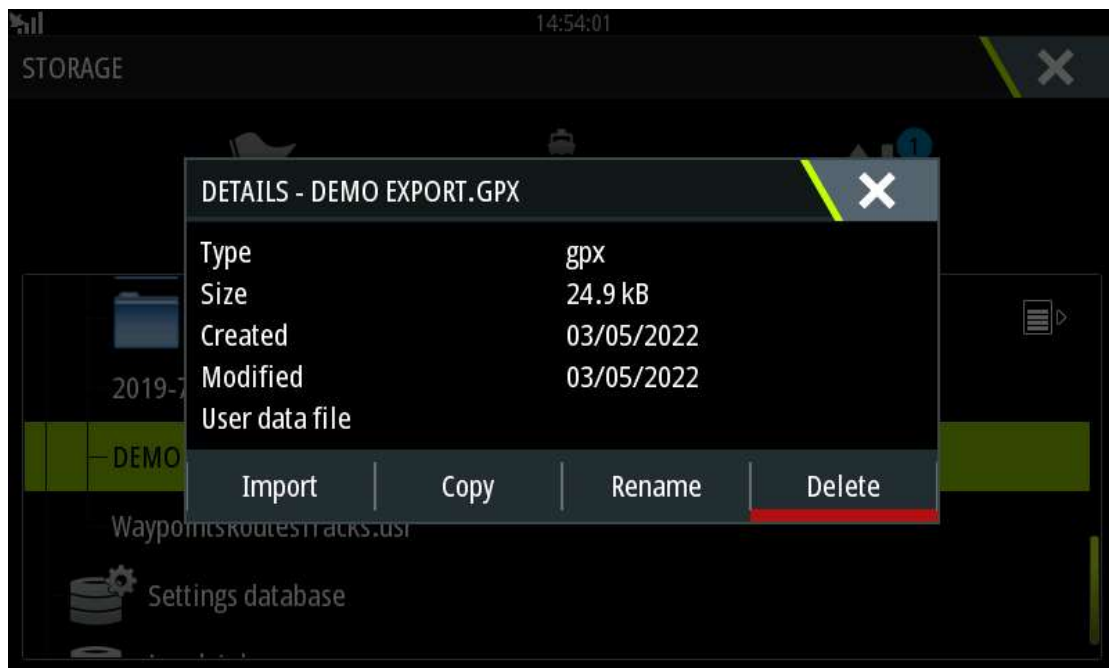
Select the export format (OpenCPN support GPX)



And select the destination folder



To import a GPX file, again via Settings->Storage, Select the folder then the file and Import



Transferring files between the chartplotter and the PC via the network. the B&G chartplotters supports both anonymous FTP and Web browser access.

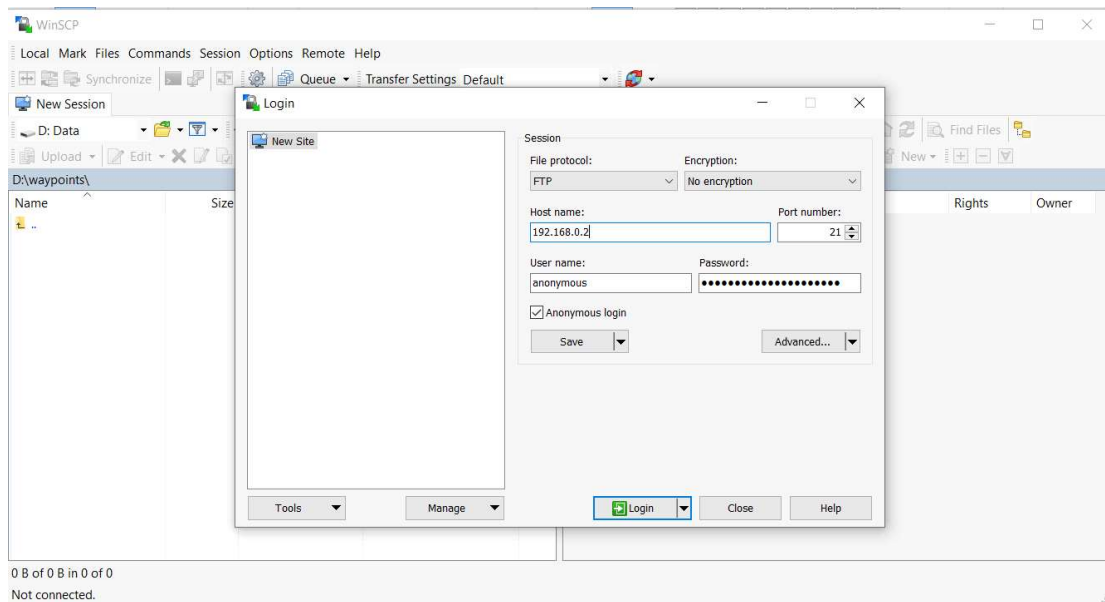
Using FTP, either use the FTP command:

```

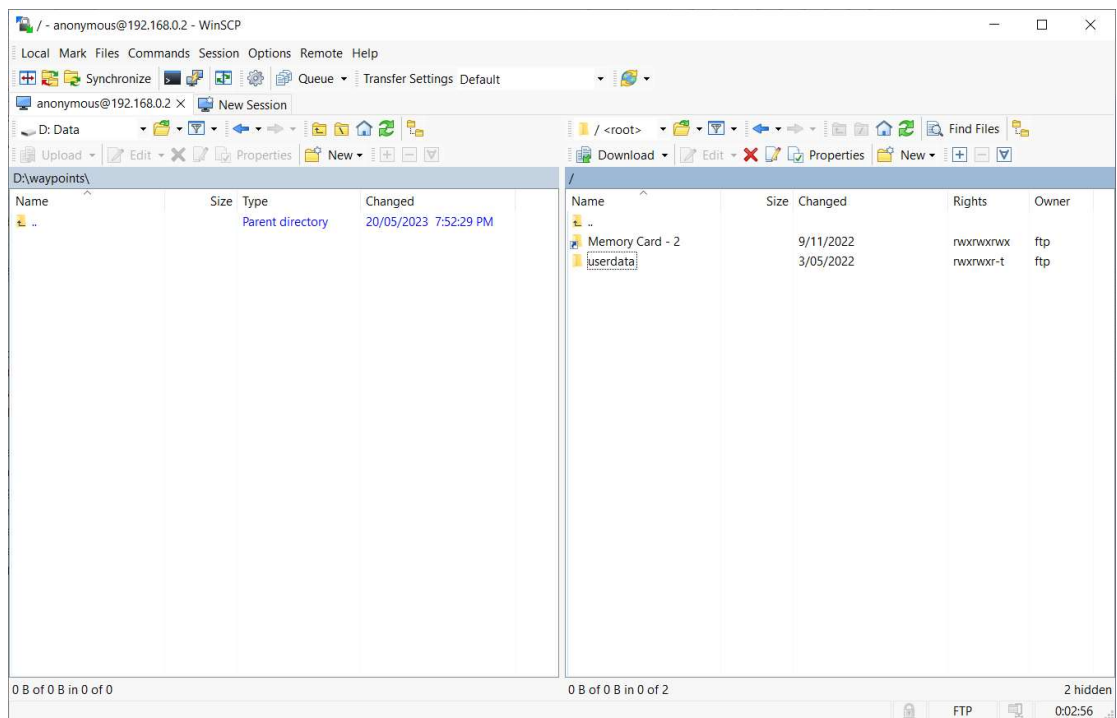
ftp> open 192.168.0.2
Connected to 192.168.0.2.
220 Welcome to GoFree FTP service.
200 Always in UTF8 mode.
User (192.168.0.2:(none)): anonymous
331 Please specify the password.
Password:
230 Login successful.
ftp> ls
200 PORT command successful. Consider using PASV.
150 Here comes the directory listing.
Memory Card - 2
userdata
226 Directory send OK.
ftp: 30 bytes received in 0.00seconds 30000.00kbytes/sec.
ftp> cd userdata
250 Directory successfully changed.
ftp> ls
200 PORT command successful. Consider using PASV.
150 Here comes the directory listing.
Demo
Gribs
Logs
Polars
Screenshots
crashlog
updaters
updates.json
wallpaper
waypoints
226 Directory send OK.
ftp: 171 bytes received in 0.01seconds 21.38kbytes/sec.
ftp> cd waypoints
250 Directory successfully changed.
ftp> ls
200 PORT command successful. Consider using PASV.
150 Here comes the directory listing.
waypointsRoutesTracks.gpx
waypointsRoutesTracks.usr
226 Directory send OK.
ftp: 57 bytes received in 0.00seconds 57000.00kbytes/sec.
ftp> get waypointsRoutesTracks.gpx
200 PORT command successful. Consider using PASV.
150 Opening BINARY mode data connection for waypointsRoutesTracks.gpx
226 Transfer complete.
ftp: 4505575 bytes received in 0.37seconds 12144.41kbytes/sec.
ftp> quit
221 Goodbye.

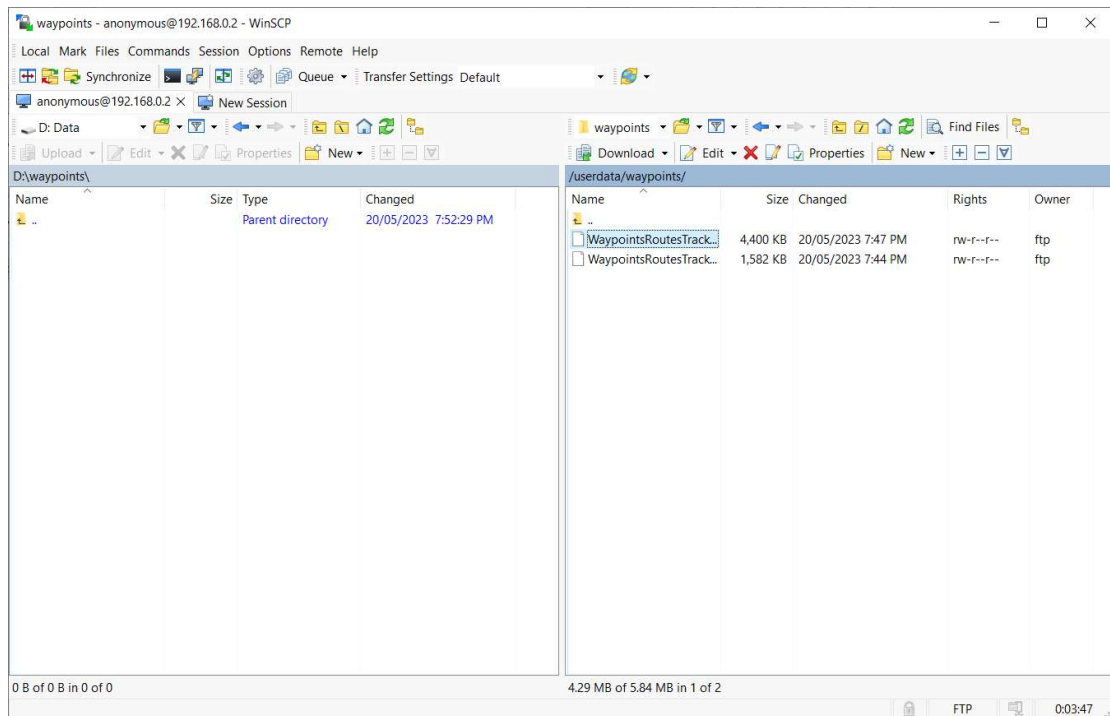
```

Or a graphical tool such as WinSCP. Login using FTP and the anonymous login.

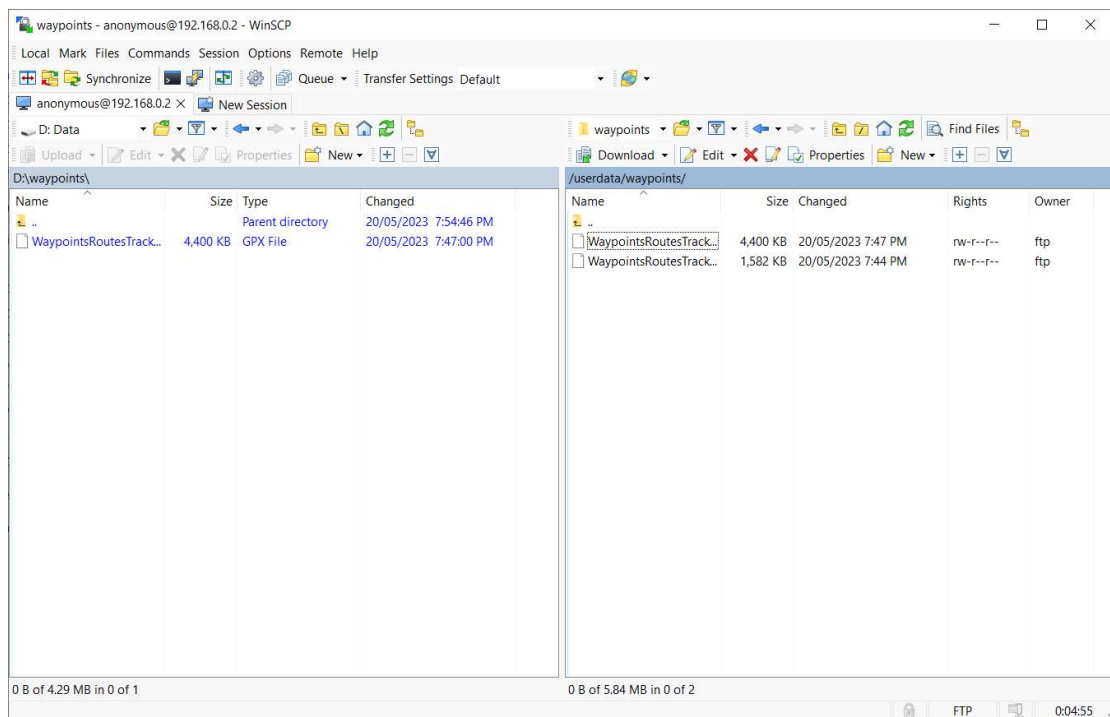


And navigate to the appropriate folders and files.

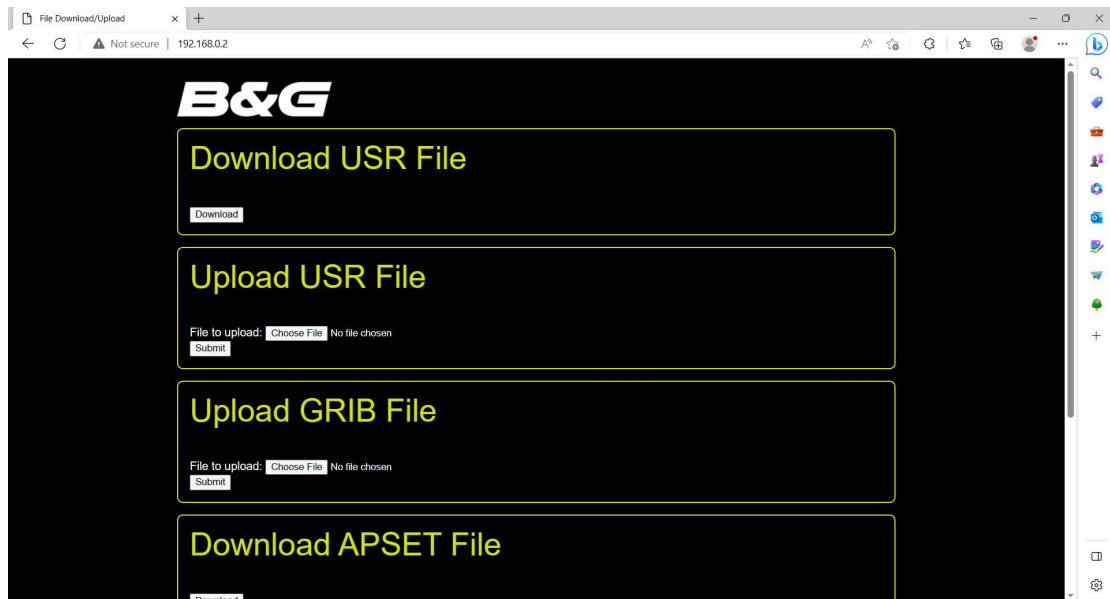




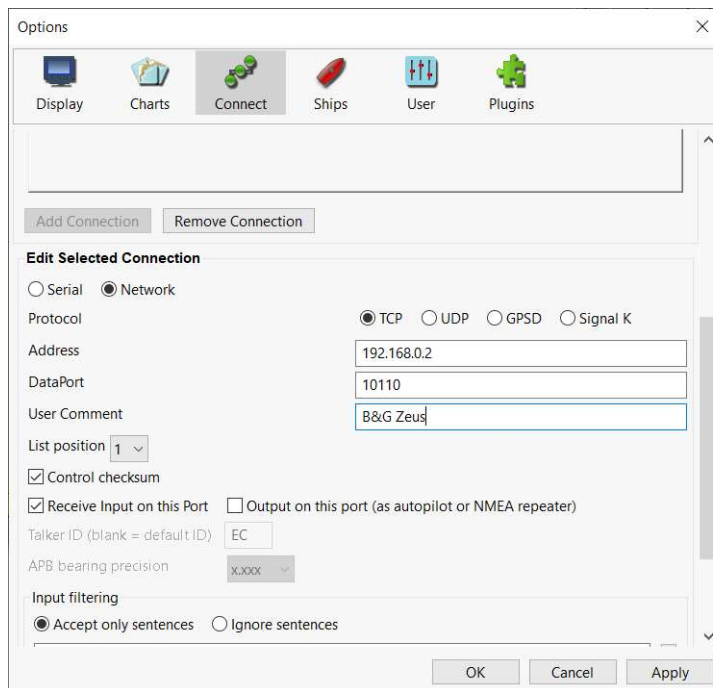
You can then transfer files between the chartplotter and PC.



Similarly for Web access, from your browser enter the IP address of the chartplotter in the browsers address bar.



Finally to connect OpenCPN with the chartplotter, add a TCP network connection to OpenCPN. (Note the use of the default port 10110)



OpenCPN will then receive NMEA 183 sentences from the chartplotter, such as GPS, and if available Depth, Wind, Speed and AIS.