

Using an Oudie with the Booker Sim

It is possible to connect an Oudie to Condor in the Booker Sim to show “live” moving map data.

There are a few pre-requisites -

- Oudie device needs to be paired with the PC via Bluetooth
- Com port settings need to be correct (9600, 8, 1, N worked) in the Oudie Port settings, and also on the PC Com port settings. (These are quite well buried, but likely to default to these settings).
- The Bluetooth connection needs to be showing as “Connected” and not just “Paired” – this should happen once the Oudie has booted into the SeeYou software and successfully connected.
- Condor needs to be set to send NMEA data on COM5
- If the flight in Condor is exited (e.g. back to the Condor main menu), the Oudie software (SeeYou) should be restarted (e.g. exit and reload SeeYou) if you are going to fly again.

There is a mini USB power connector for the Oudie in the front cockpit, this is for power/charging only and doesn't carry data.

The Oudie can have a stored profile with the Bluetooth and com port settings already set – currently Booker Oudie 001 has a profile “SIM BLUETOOTH” that was working ok.

We could set up a Sim profile on all the club Oudies once we are sure it is working reliably.

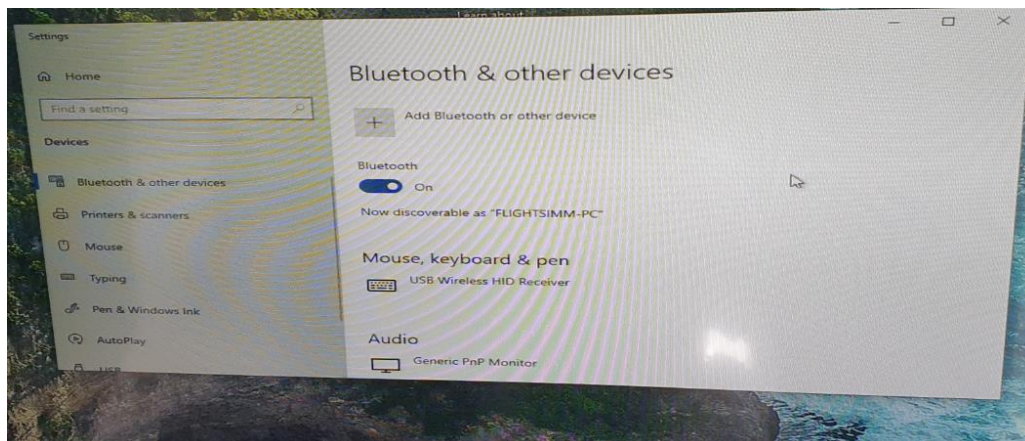
Pairing the Oudie

This can be achieved by going to the Paring settings on the PC, making sure it is visible, and then selecting the Bluetooth settings on the Oudie. Choose a suitable paring code e.g. “1111”, and it will attempt the connection with the PC, which should challenge for the code to be entered. If all is well it will create the pairing connection.

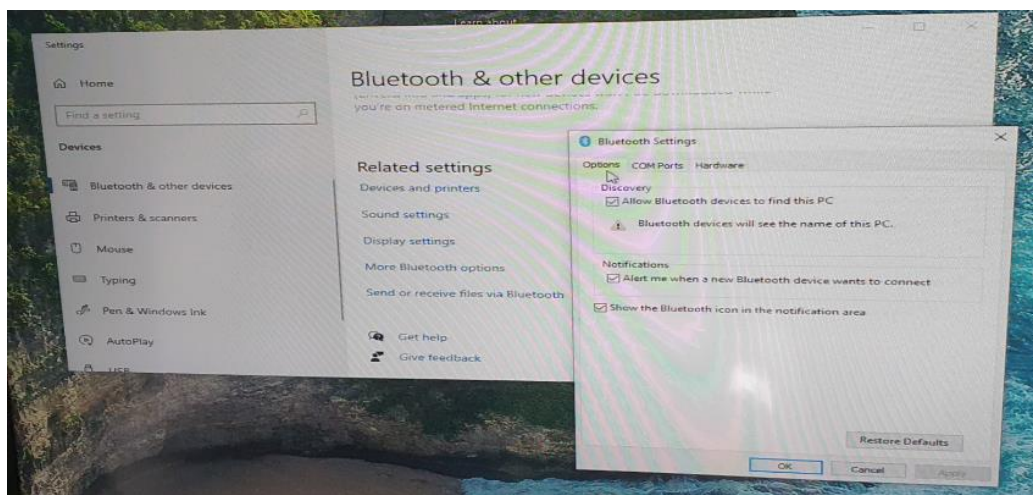
Random Screensnaps follow...

Bluetooth settings on PC:

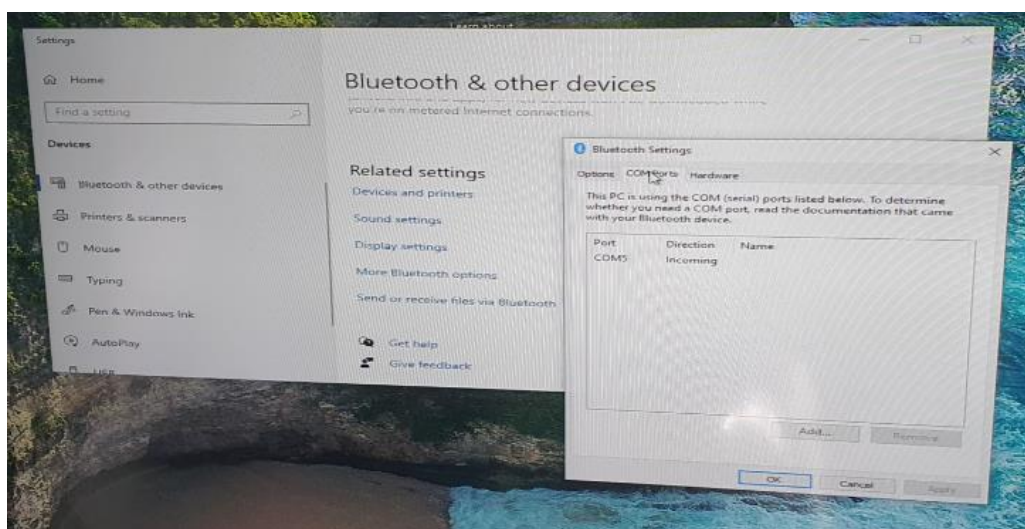
ON!



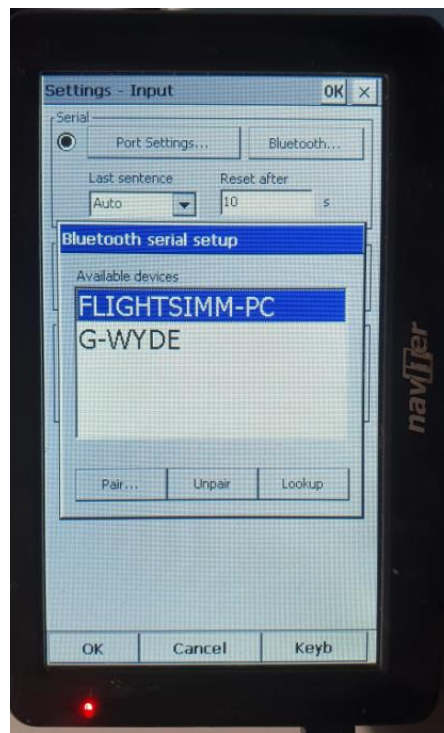
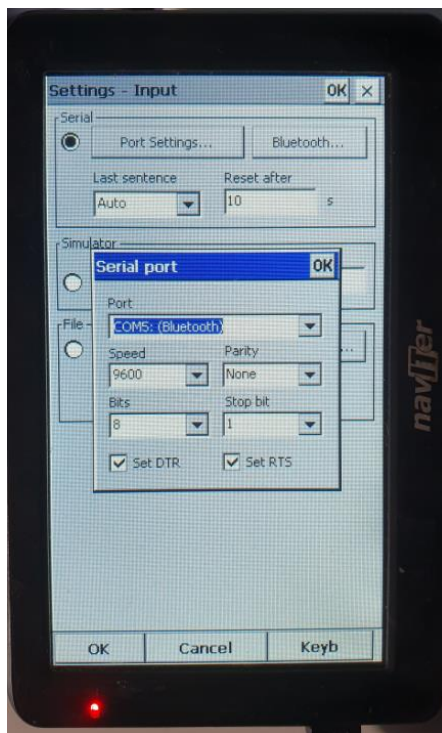
More Bluetooth options:



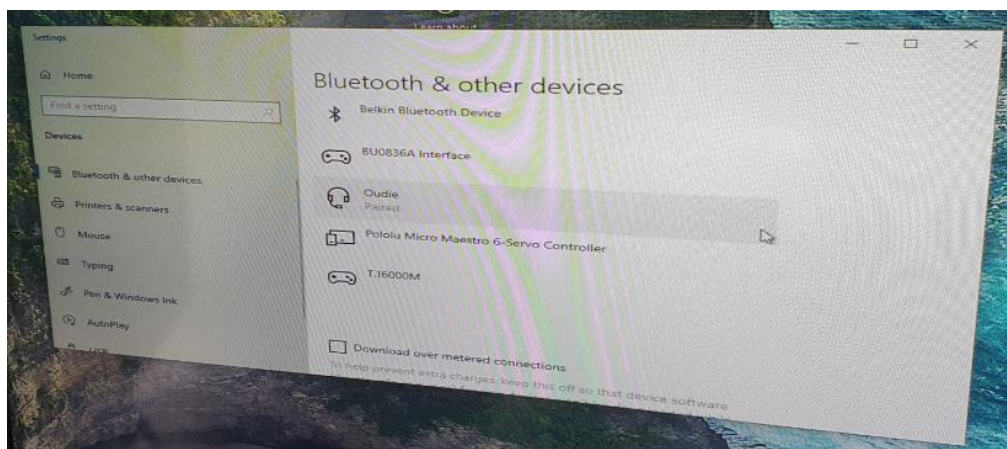
COM5 incoming:



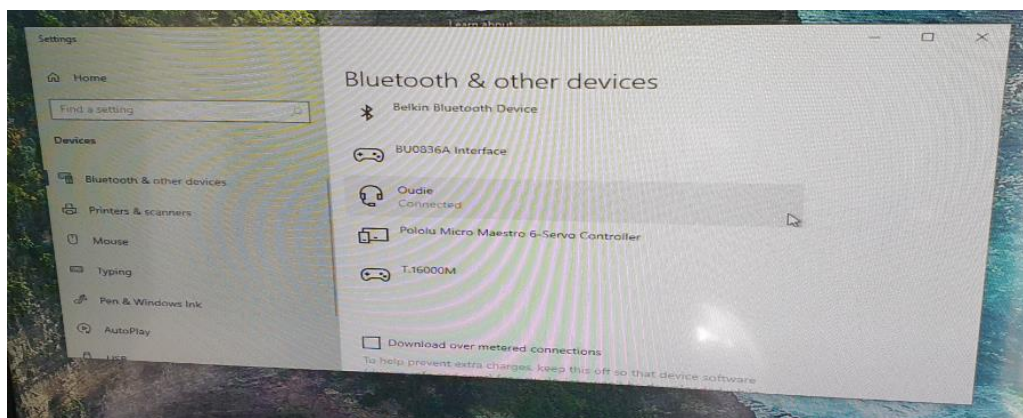
Oudie Input settings:



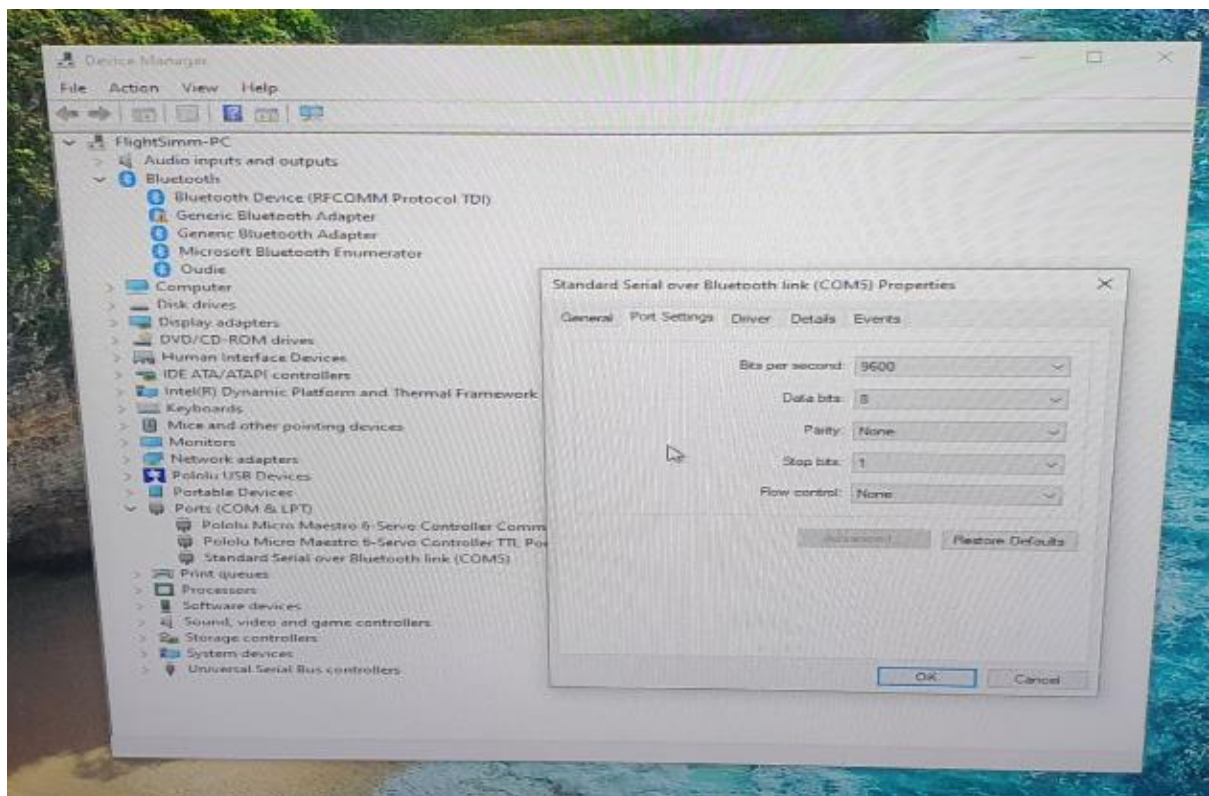
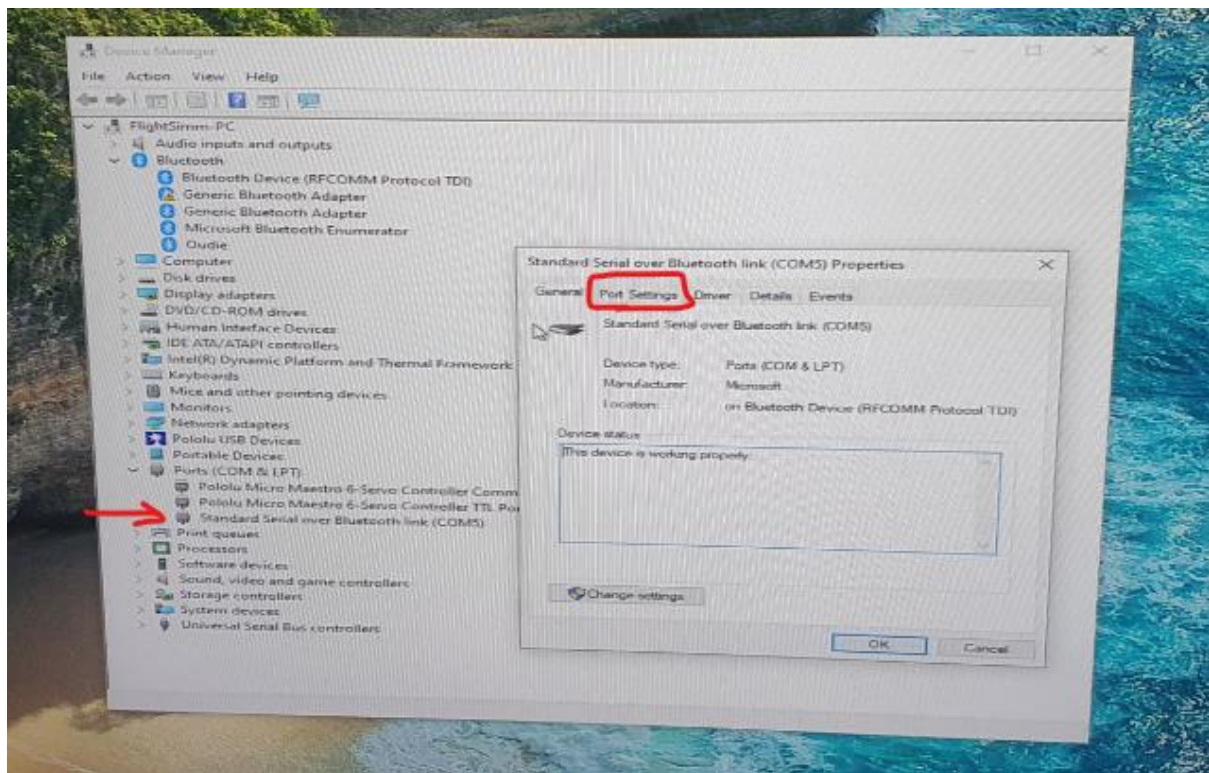
Oudie Paired (but not “connected” to SeeYou)



Oudie Connected (SeeYou is running):

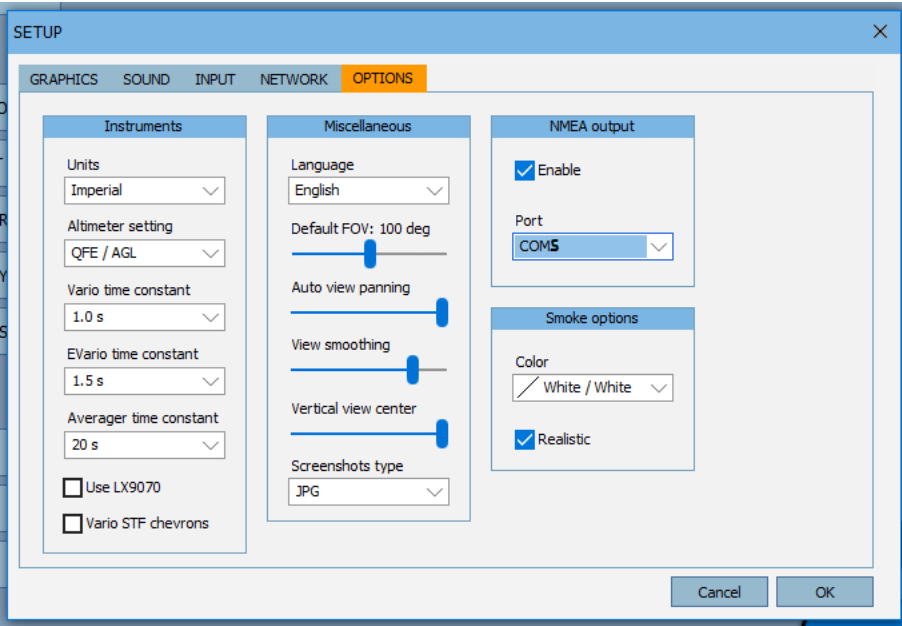


Device Manager (PC Com port settings):



You probably need to be PC admin if you want to change these settings.

Condor Setting: (COM5 for the Booker Sim)



Voilà:



Odd things...

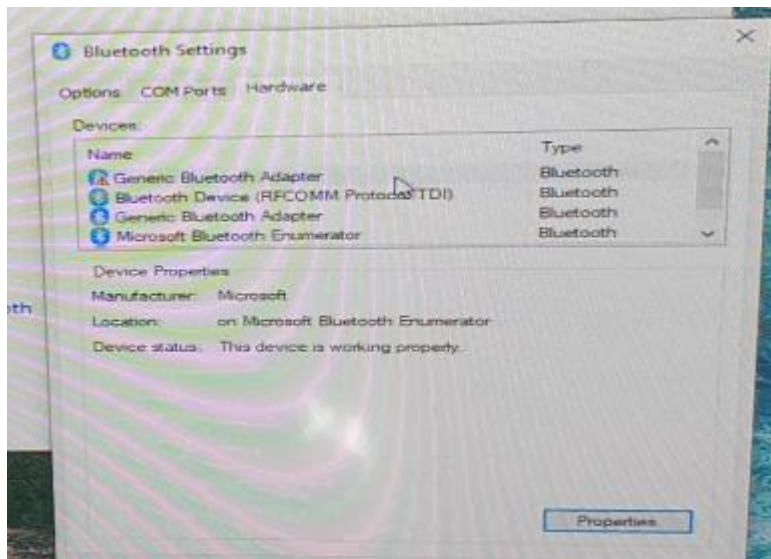
SeeYou was freezing when you try and go to the Bluetooth settings once it is paired.

The Bluetooth connection drops if Condor flying is stopped. Oudie software then needs restarting if you want to fly again in Condor.

Choice of aircraft in Condor might dictate whether NMEA data is available (e.g. if no PDA in virtual cockpit, Oudie probably won't work) (*this needs checking*)

Saw a strange glitch in the glider track – possibly data loss, maybe the Belkin USB Bluetooth module should be moved to the front of the PC (or extended by a USB cable to further forward in the sim).

There is another Bluetooth device in the PC, currently not functioning properly:



Might be this:

