

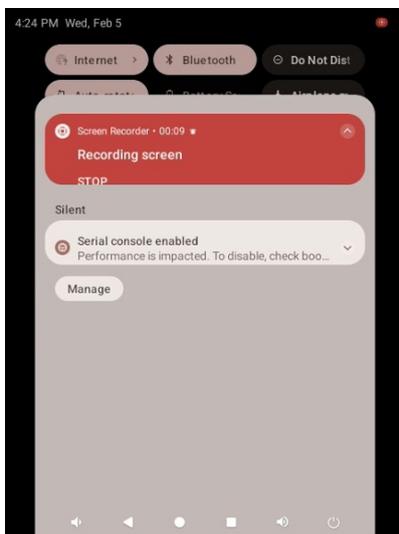
## Receiving location data from external devices on SteFly NAV

SteFly NAV does not have an internal GPS receiver (as of 02/2025), as flarm data including the position is usually available via a serial interface (D-Sub or RJ45 ports on the back of the device) for standard gliding applications. However, some apps such as SkyDemon cannot receive position data via the serial interface, but only wirelessly and from certain devices for which the corresponding drivers are available in the particular app.

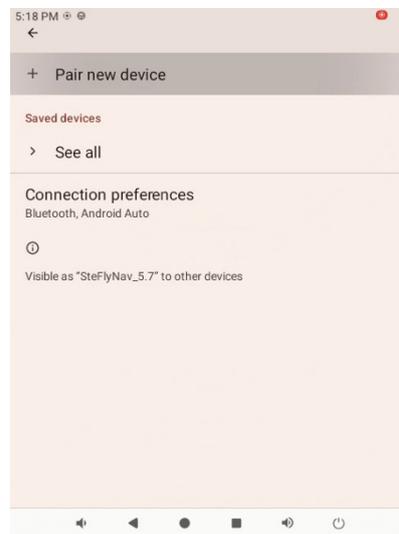
With the “GPS Connector” app, however, it is possible to process position data from external devices, received e.g. via Bluetooth, in such a way that it is treated like location data from an internal GPS receiver. The procedure is described in the following sections using the example of a Nano IGC logger from LX as a location data source and SkyDemon as navigation app.

### Section 1: Pairing an external Bluetooth device with SteFly NAV

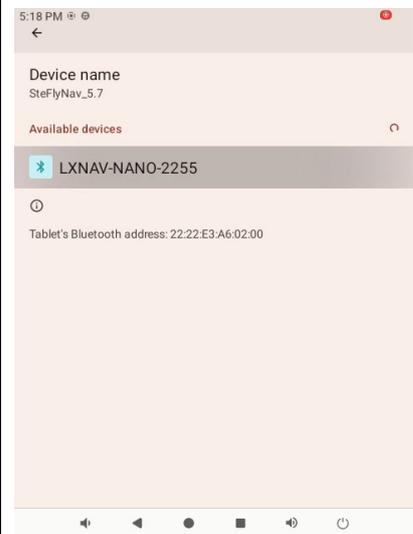
**Step 1:** Swipe down from the top edge of the SteFly NAV and click on “Bluetooth”.



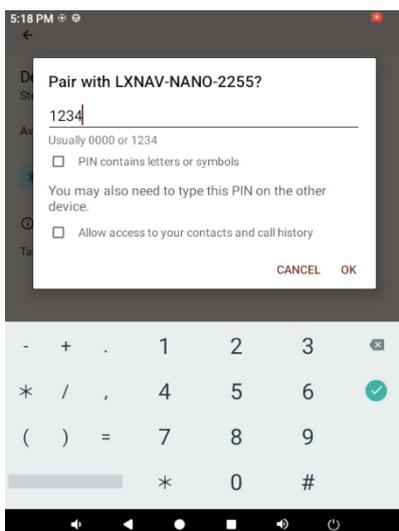
**Step 2:** Click on “Pair new device”.



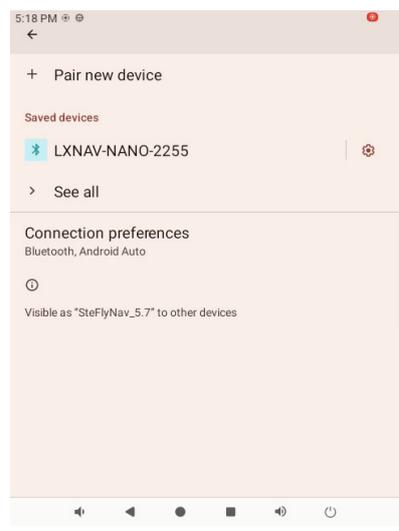
**Step 3:** Select the device that is switched on and within range; here LXNAV-NANO.



**Step 4:** Enter password if necessary; here 1234.

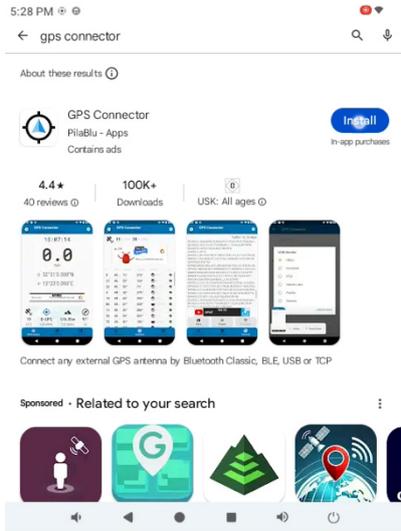


**Step 5:** The device is now in the “Saved devices” category.

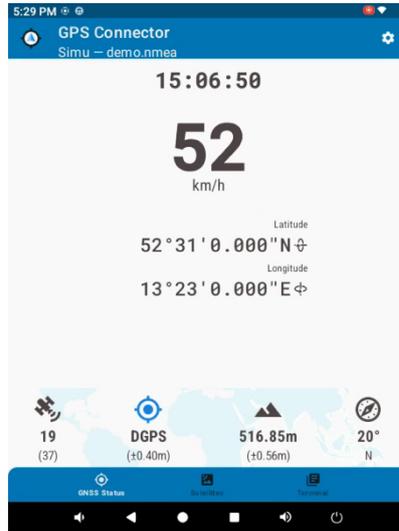


## Section 2: Installing and configuring the “GPS Connector” app

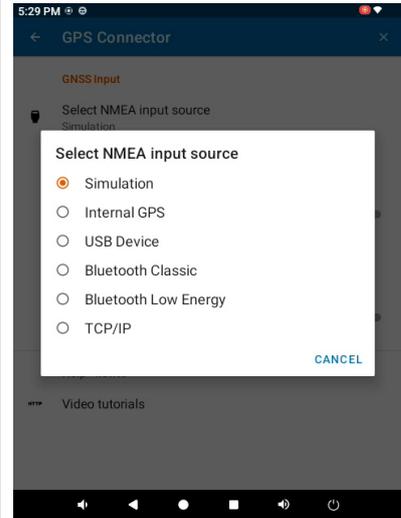
**Step 1:** Install the “GPS Connector” app from Google Play.



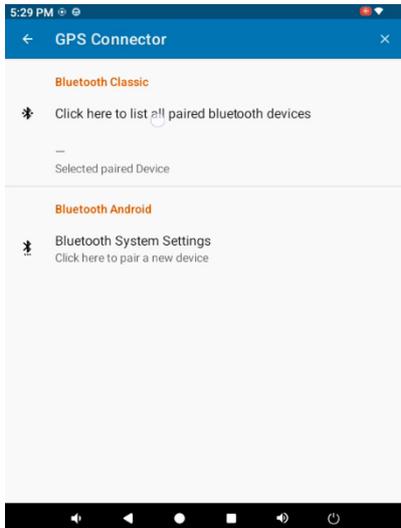
**Step 2:** Open the app. A simulation appears.



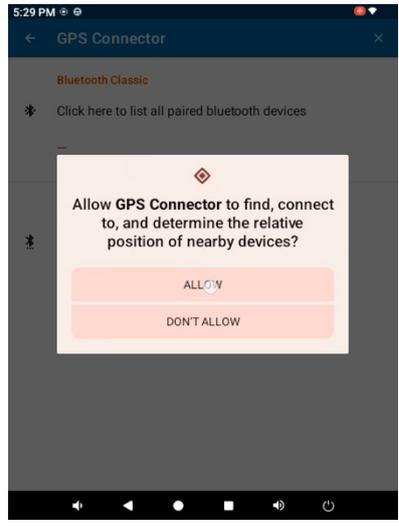
**Step 3:** Open the settings (gear symbol). Select “Bluetooth Classic”.



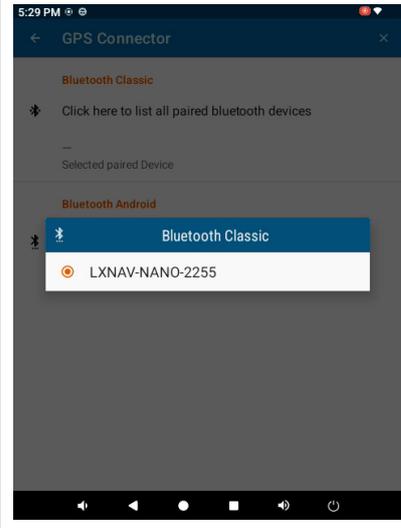
**Step 4:** Then click on “Click here to list all paired bluetooth devices”



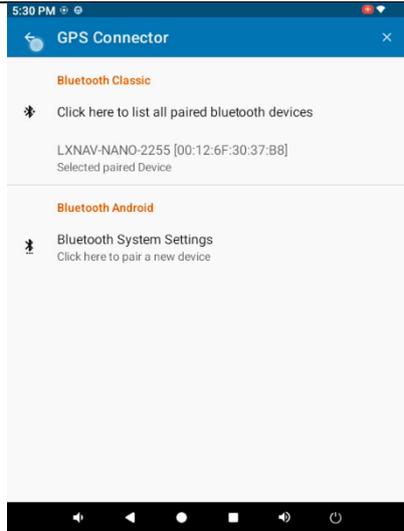
**Step 5:** Give the authorization.



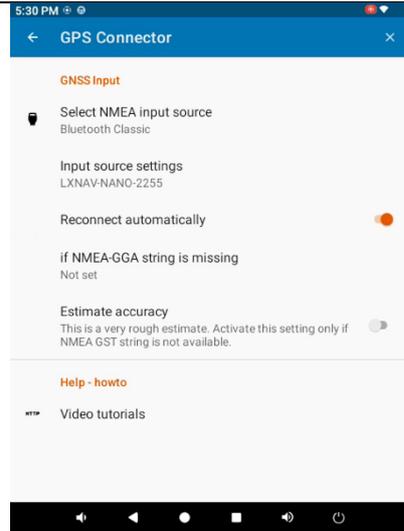
**Step 6:** Select the device, in this case the Nano Logger.



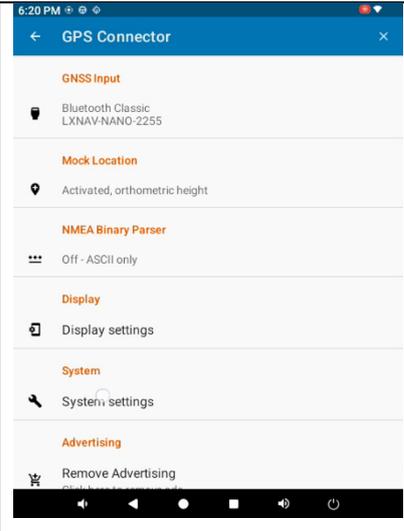
**Step 7:** Go up one menu level:  
Click on the white left arrow  
next to “GPS Connector”.



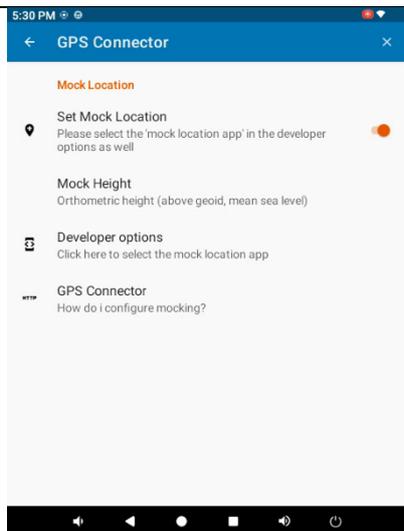
**Step 8:** Activate “Reconnect  
automatically”.



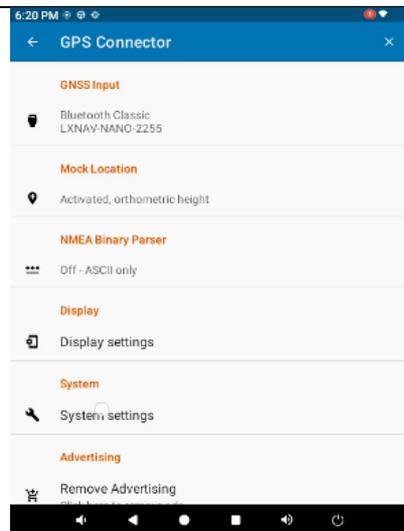
**Step 9:** Go up one menu level:  
Click on the white left arrow.  
Then click on “Mock location”.



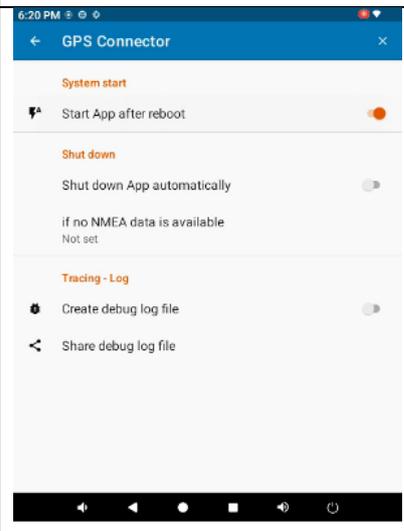
**Step 10:** Activate “Set Mock  
Location”.



**Step 11:** Go up one menu level:  
Click on the white left arrow.  
Then click on “System settings”.



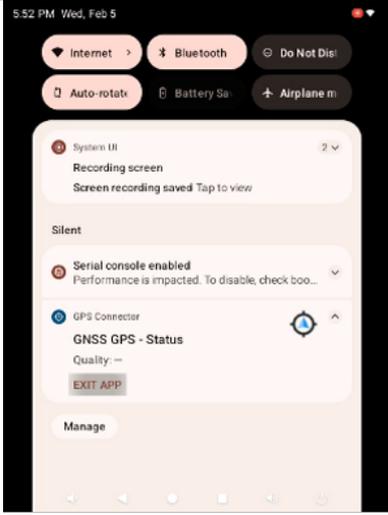
**Step 12:** Optionally select “Start  
App after reboot” so that the  
GPS position is available to all  
apps after restarting SteFly  
NAV.



**Step 13:** Go up one menu level and then close the app: Click on the square in the lower control bar and then swipe the app upwards out of the screen

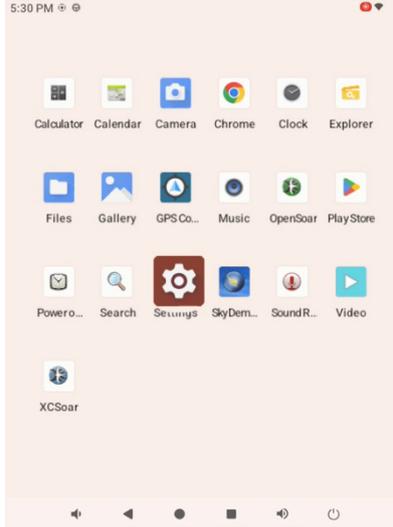


**Step 14:** Then also close the app that is still running in the background. For this click on “Exit app”.

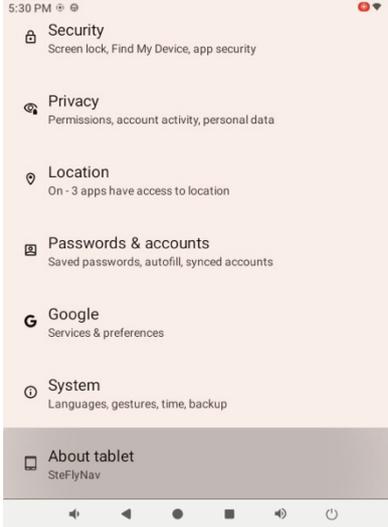


**Section 3: Adjusting settings in SteFly NAV**

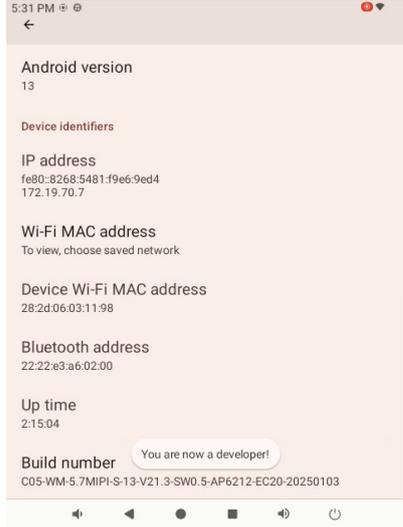
**Step 1:** Open the Android “Settings” .



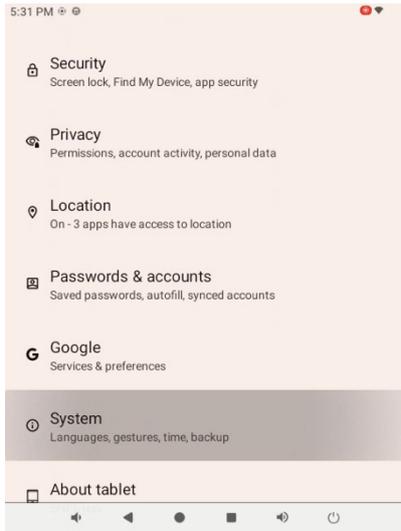
**Step 2:** Scroll all the way down and click on “About tablet”.



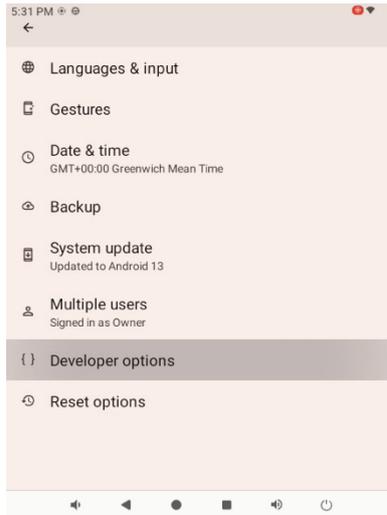
**Step 3:** Scroll down to the bottom and click on “Build number” 7 times until the message “You are now a developer!” appears.



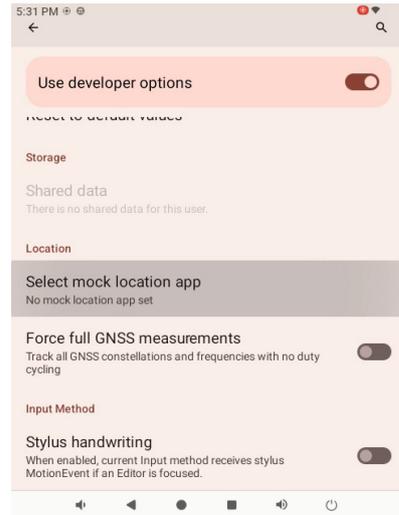
**Step 4:** Click on "System".



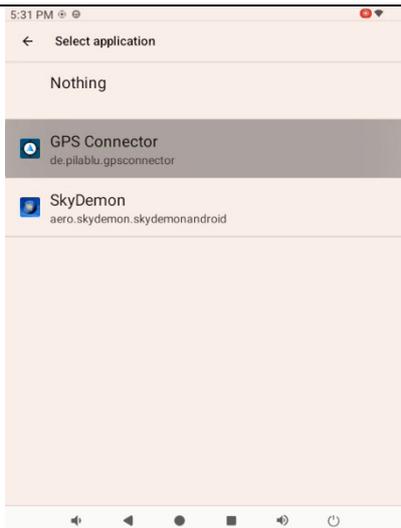
**Step 5:** Navigate to "Developer options".



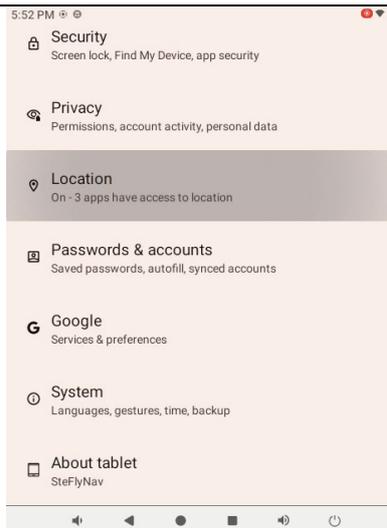
**Step 6:** Scroll all the way down and click on "Select mock location app".



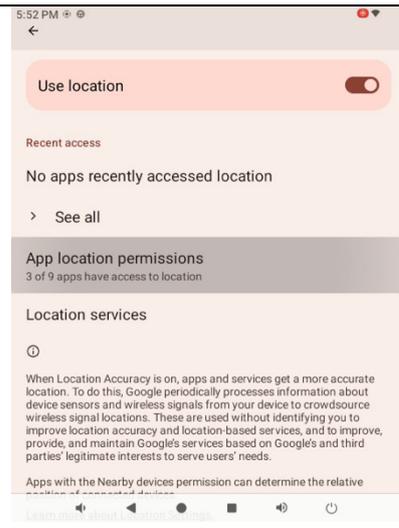
**Step 7:** Select "GPS Connector".

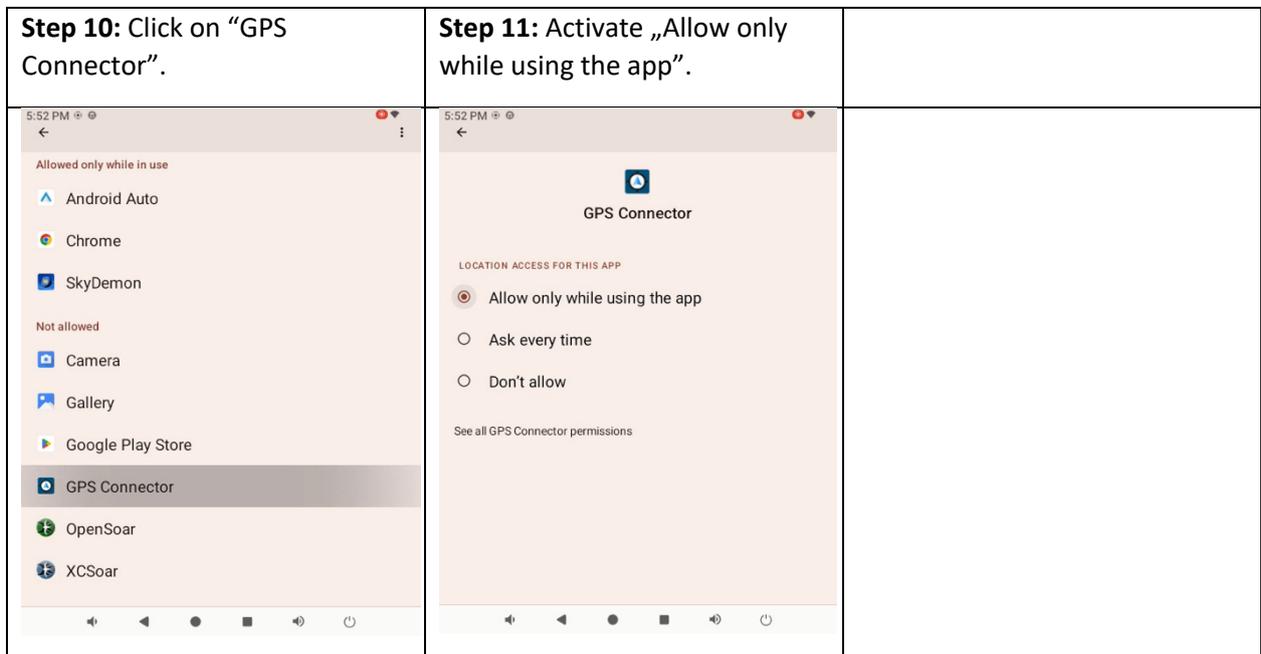


**Step 8:** Go up one menu level and click on "Location".



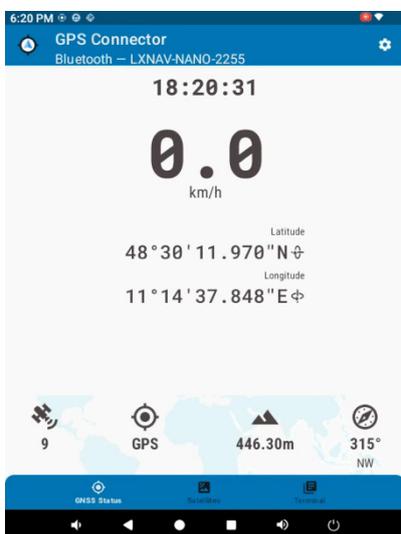
**Step 9:** Click on "App location permissions".



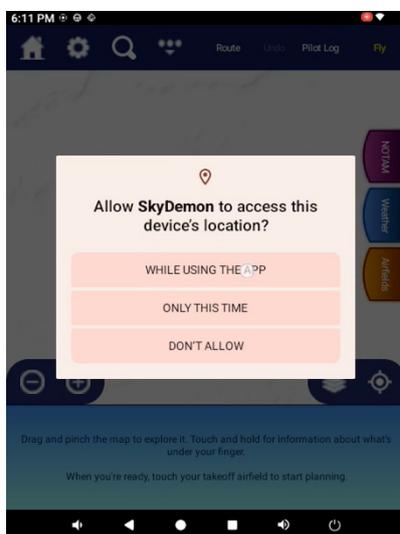


**Section 4: Final test of the “GPS Connector” app and forwarding of the position data to other apps such as “SkyDemon”**

**Step 1:** Switch on the external Bluetooth device with GPS receiver (here Nano Logger), place it where it has satellite reception and open the “GPS Connector” app.



**Step 2:** Open an app that requires location data (here SkyDemon). Give your consent for the app to access the location data.



**Step 3:** Click on “Fly”. The current position is now displayed on the map.

