

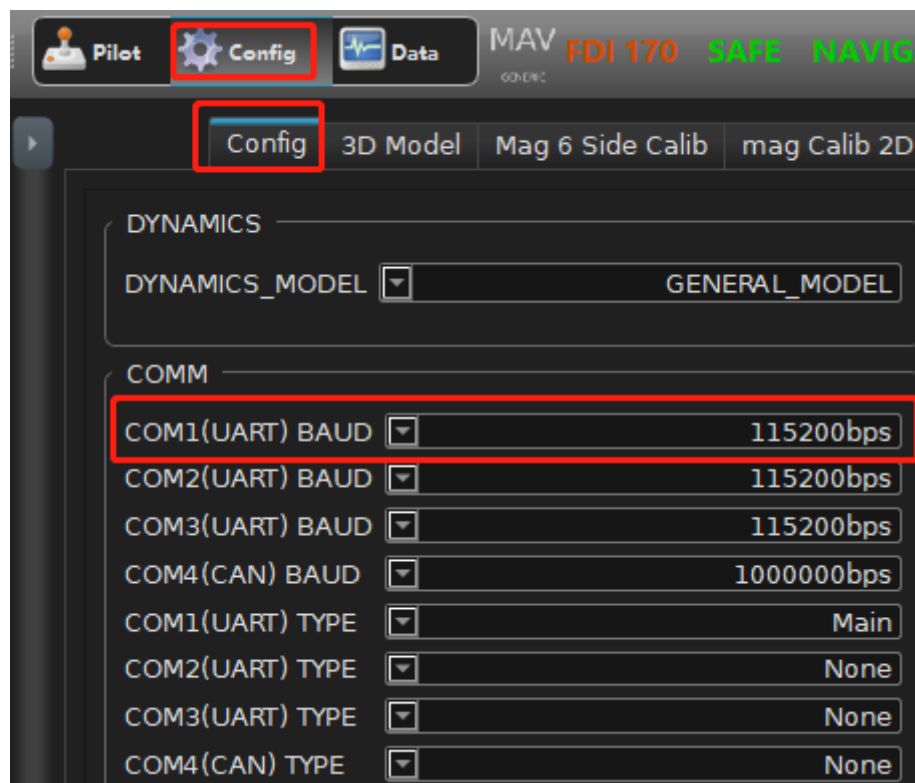
Configuration parameters

Before performing the following operations, please confirm that the inertial navigation module has been connected to the host computer.

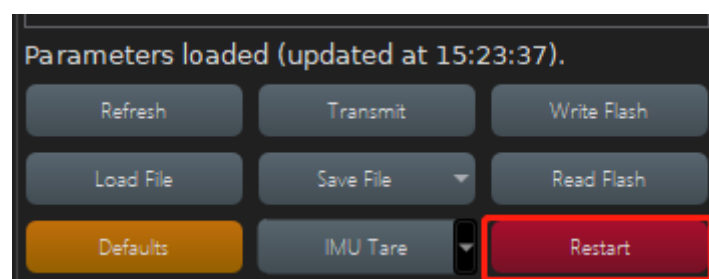
1. Modify the baud rate

The default baud rate of the inertial navigation module is 921600 bps. Here is an example of modifying the baud rate to 115200 bps.

1. Find the COMM configuration column in Config, find COM1 (UART) BAUD, select the baud rate of 115200 bps, and then click Save to FDI... at the bottom to save it to the inertial navigation module.



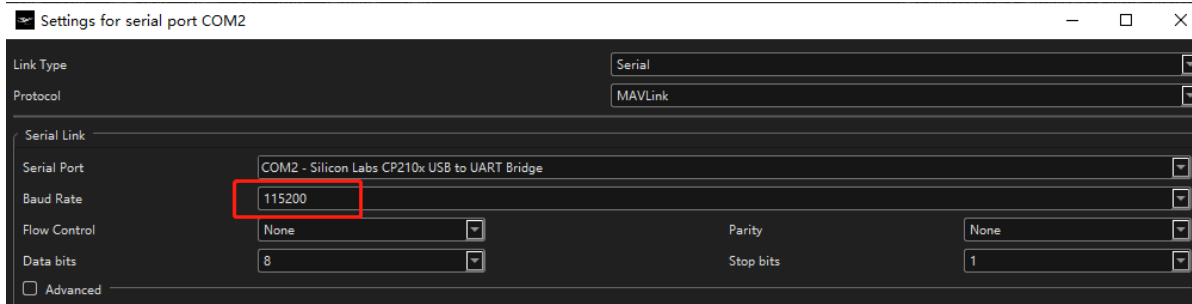
2. Click the Restart button.



3. At this time, because the baud rate has been modified, it is impossible to connect to the host computer, so it is necessary to modify the baud rate of the host computer and then reconnect to the host computer.

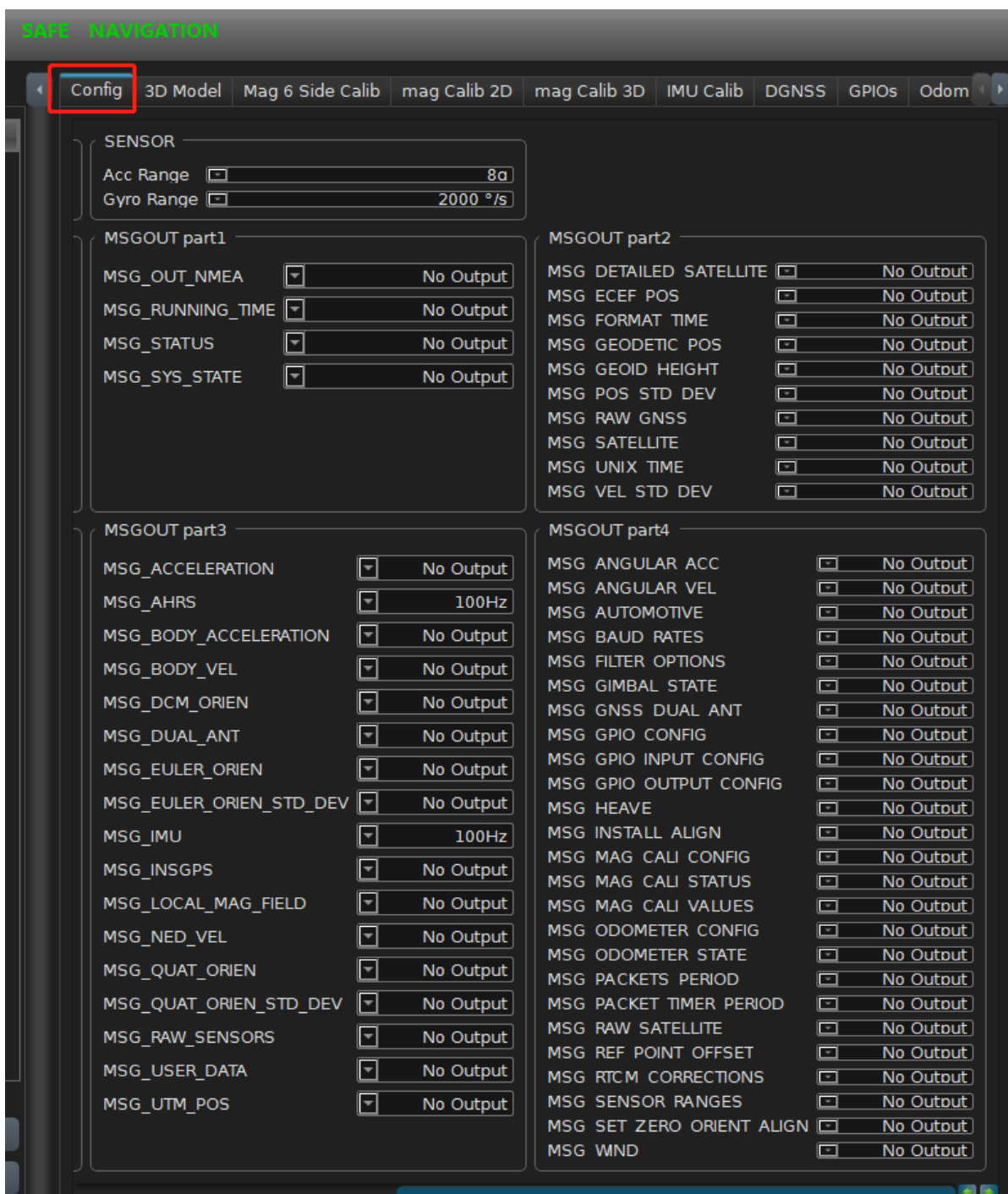


4. Modify the baud rate of the host computer to 115200 bps and reconnect to the inertial navigation module.

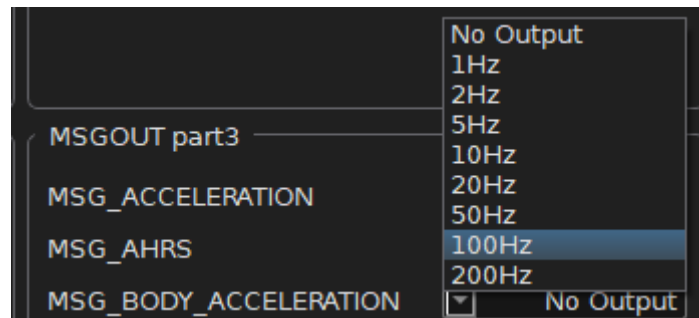


2. set the IMU, AHRS output frequency

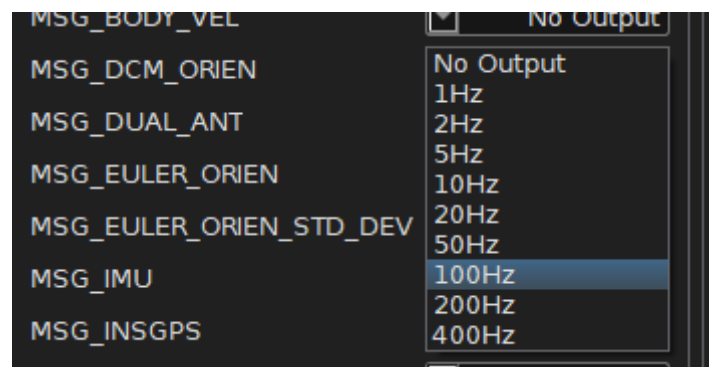
1. MSOUT part1~part4 can be found in Config, by default it outputs AHRS 100HZ and IMU 100HZ



2. The frequency of AHRS can be modified to no output or 1HZ, 2HZ, 5HZ, 10HZ, 20HZ, 50HZ, 100HZ, 200HZ.



3. The frequency of IMU can be modified to no output or 1HZ, 2HZ, 5HZ, 10HZ, 20HZ, 50HZ, 100HZ, 200HZ, 400HZ.



If the output is set, the corresponding information will be received in serial port 1. For specific data, please check the communication protocol in the attachment.