GPS configuration via U-Center
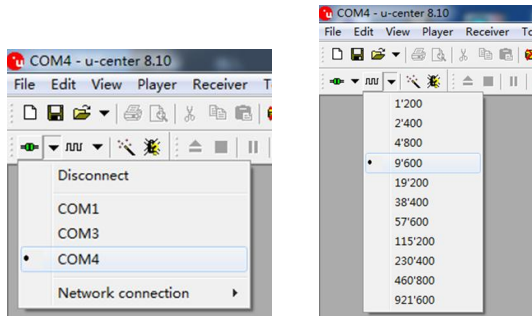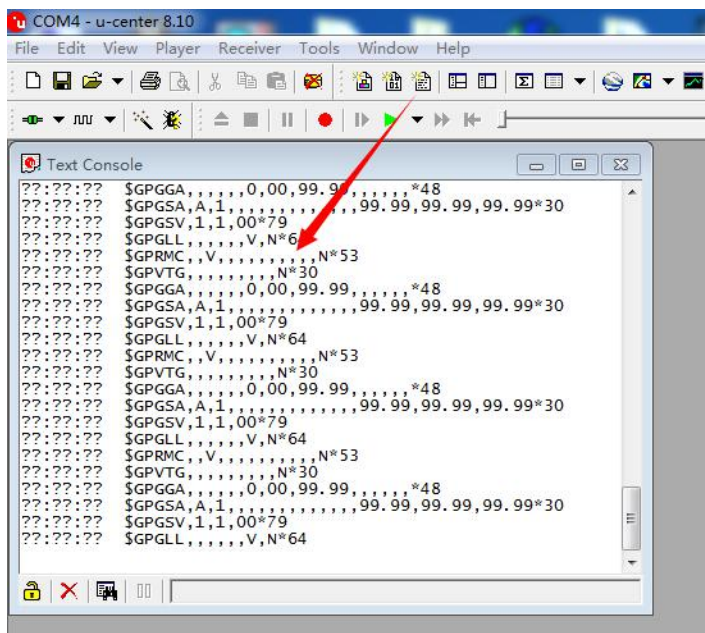
Preparations:
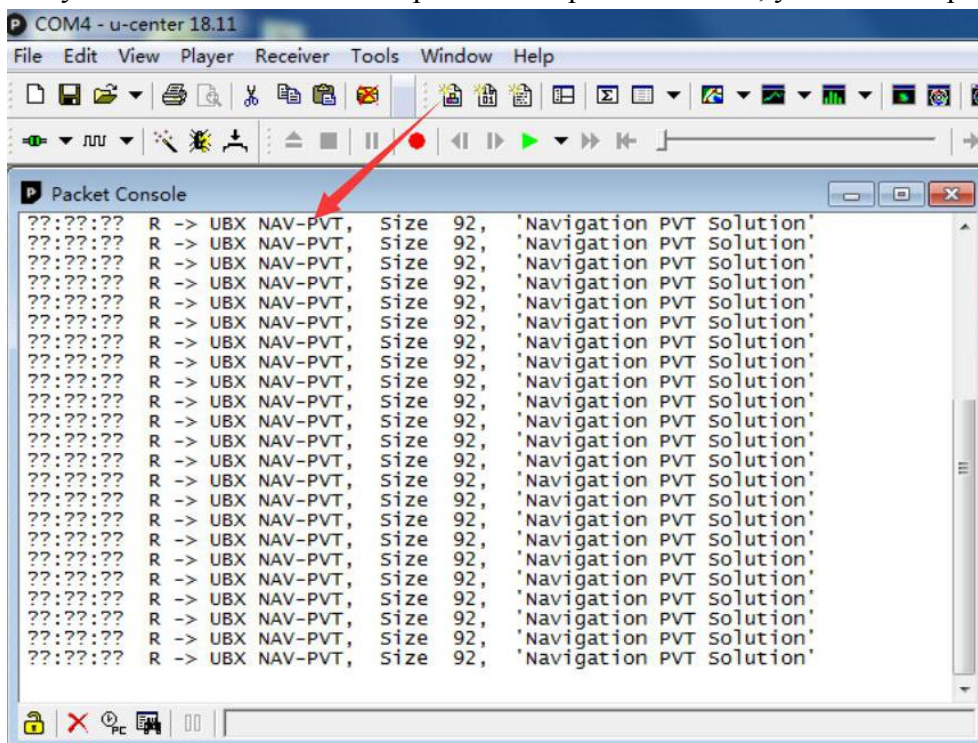
1.Connect the GPS to the computer according to the level required by the computer.

2.Install U-center，and Open it.

3.Choose the correct serial port and baud rate, such as GPS default is 9600 baud rate, NMEA-0183 protocol output.

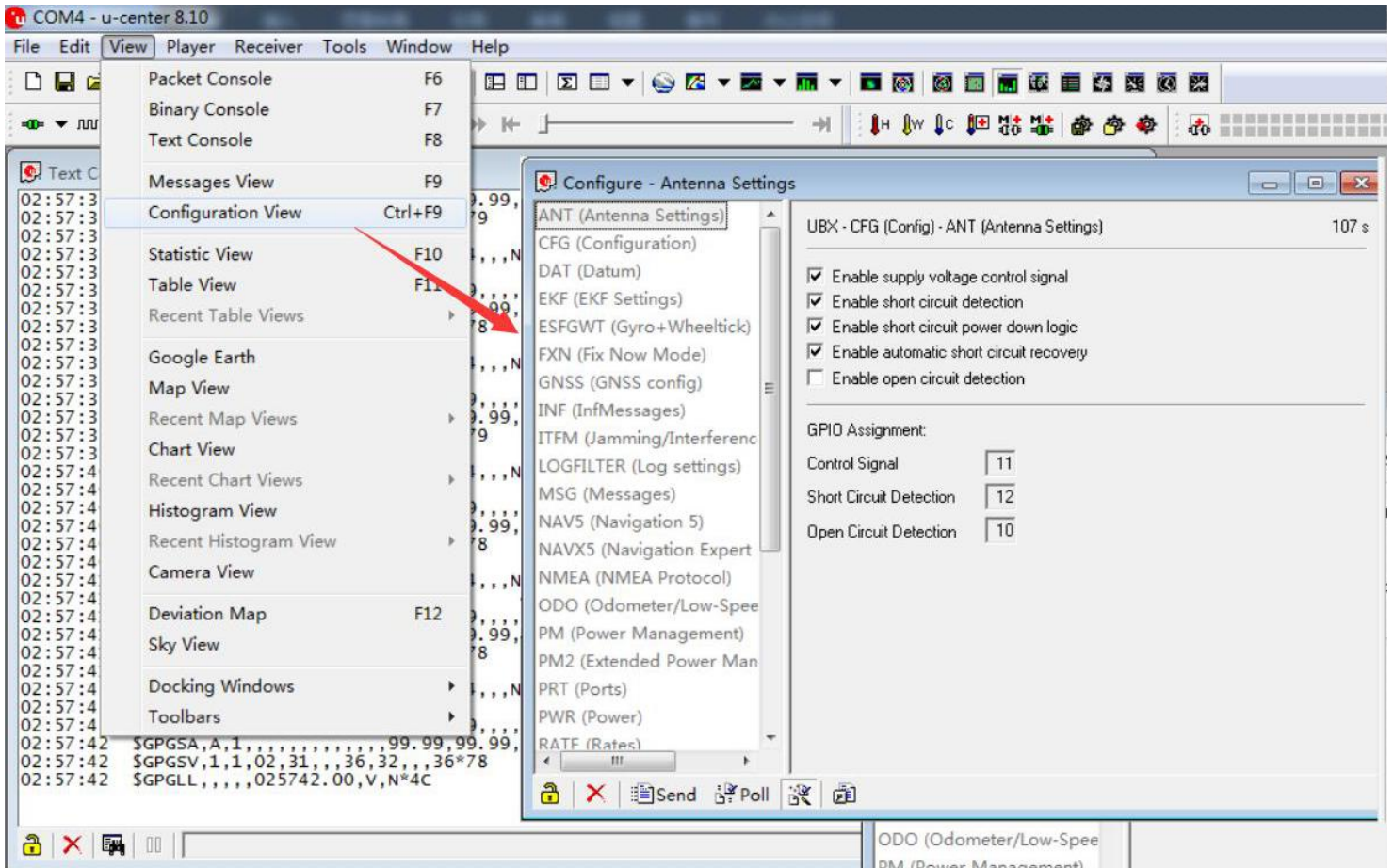4.Open the View-Text Console, You can view the output information of the NMEA-0183 protocol of GPS.

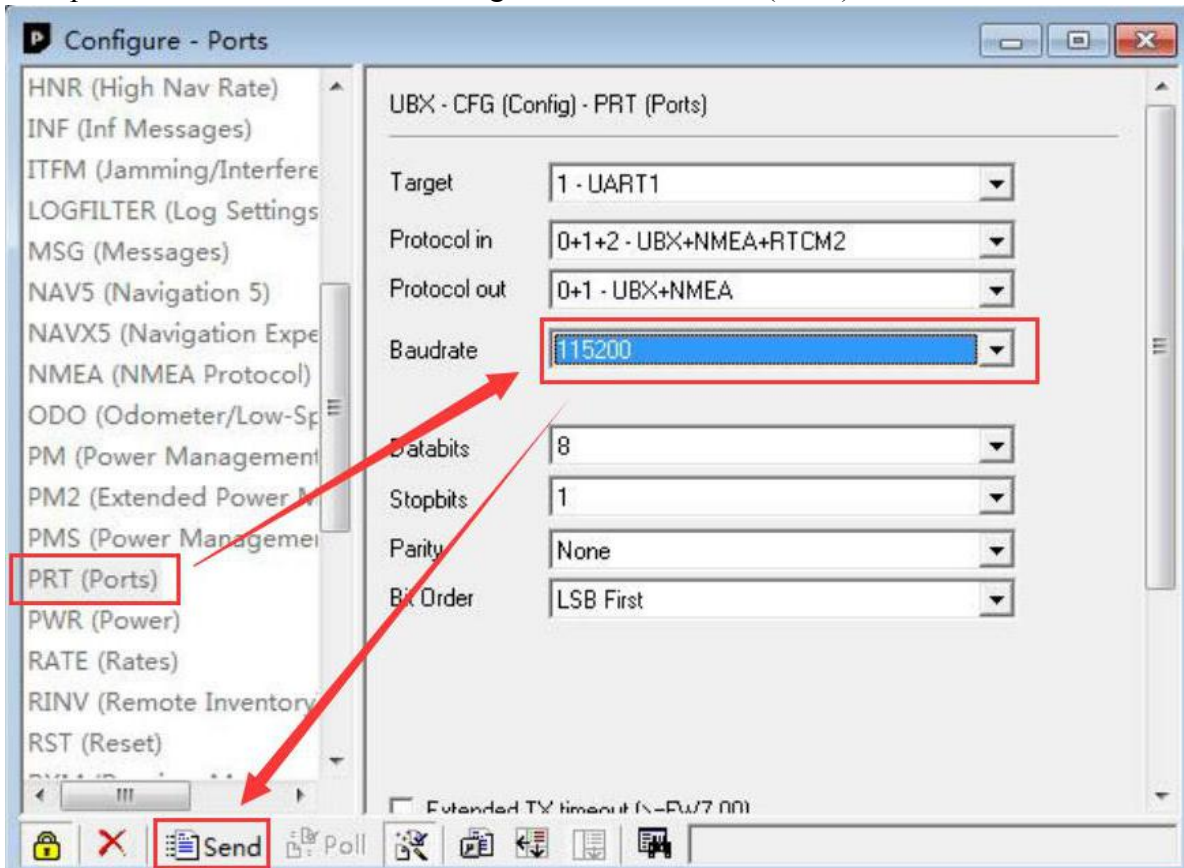5.If you want to view the UBX protocol output of the GPS, you need to open the View-Packet Console.

■ Change the baud rate

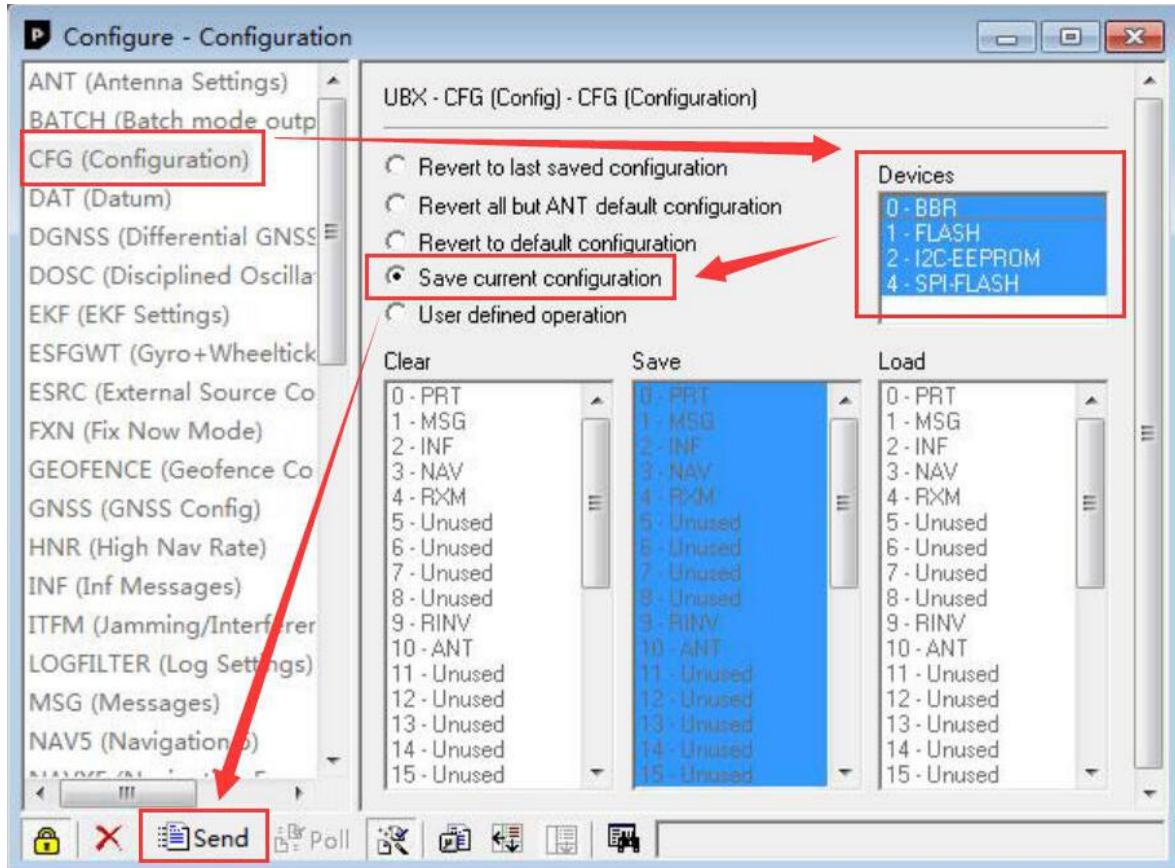1.Open the menu bar "View"-"Configuration View"，and open it.

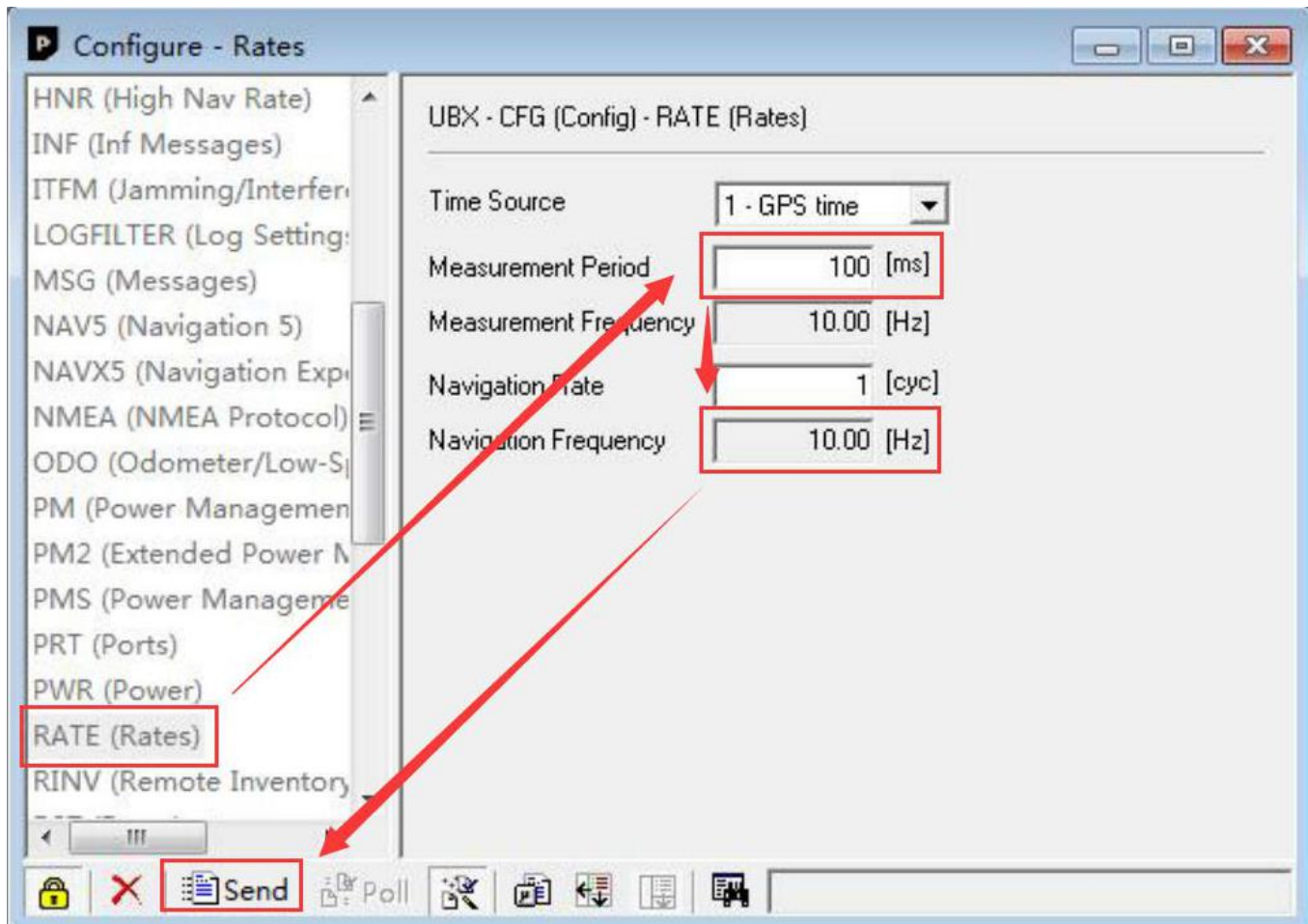2. Open the menu bar "View"-"Configuration View"-"PRT(Ports)"，Then enter the desired baud rate and click "send":

3. After changing the baud rate, you must switch to the new baud rate, and then the output of NMEA-0183 protocol can be obtained by Text Console.

4.After switching to the new baud rate, open the menu bar "View-"Configure View"-"CFG (Configuration)", select the appropriate options, and then click "send" to save the GPS baud rate changes.
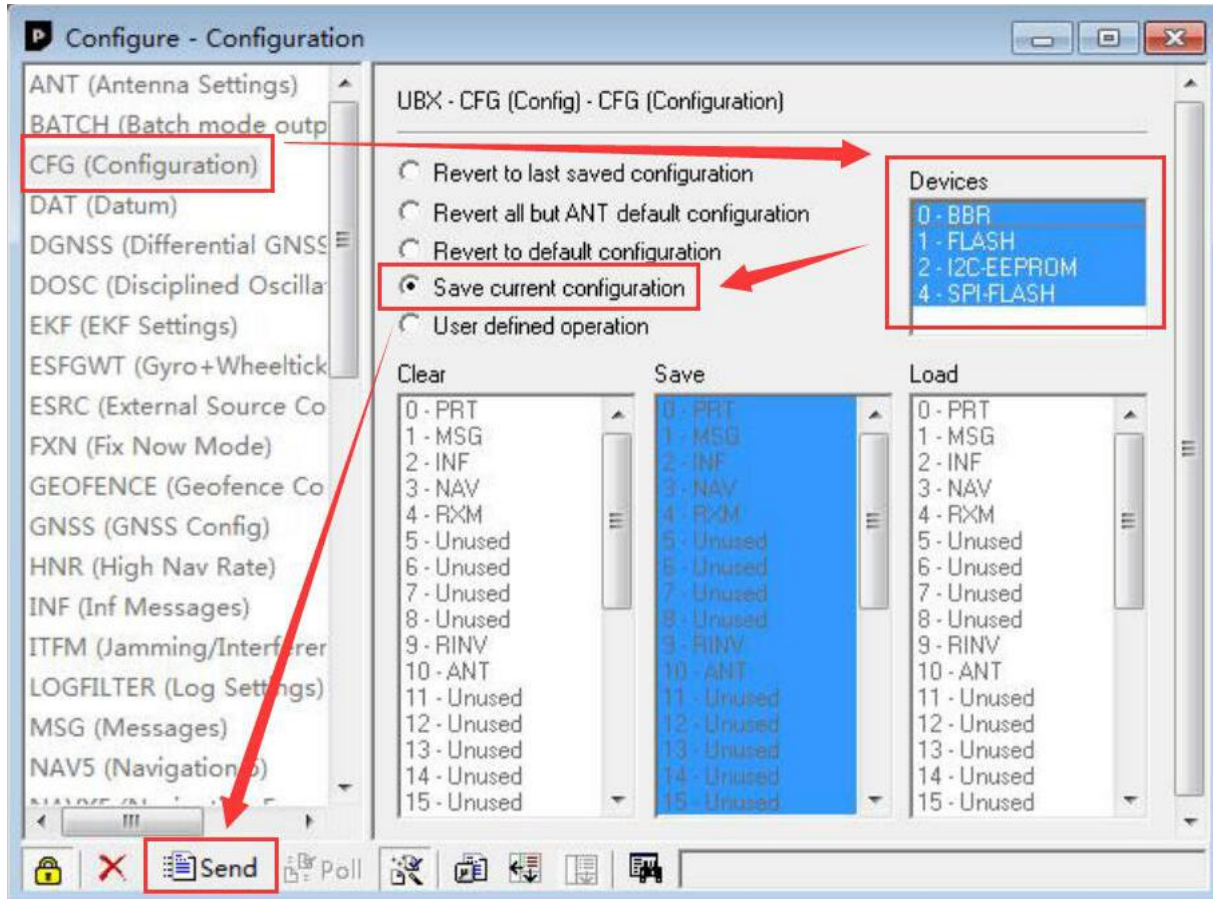

■ Change Update Rate.

1.Open the menu bar "View"-"Configure View"-"RATE", enter the desired update rate, and then click "send".

2.Open the menu bar "View"-"Configure View"-"CFG (Configuration)", select the appropriate options, and then click "send" to save the GPS modifications.

■ Open or close the NMEA-0183 output.

1.Open the menu bar "View"-"Messages View"-"NMEA". Find the corresponding statement, for example, close GGA output, you can click the right mouse button on "GXGGA", then pop up the right-click menu, click "Disable Message".If you need to open it, click "Enable Message".
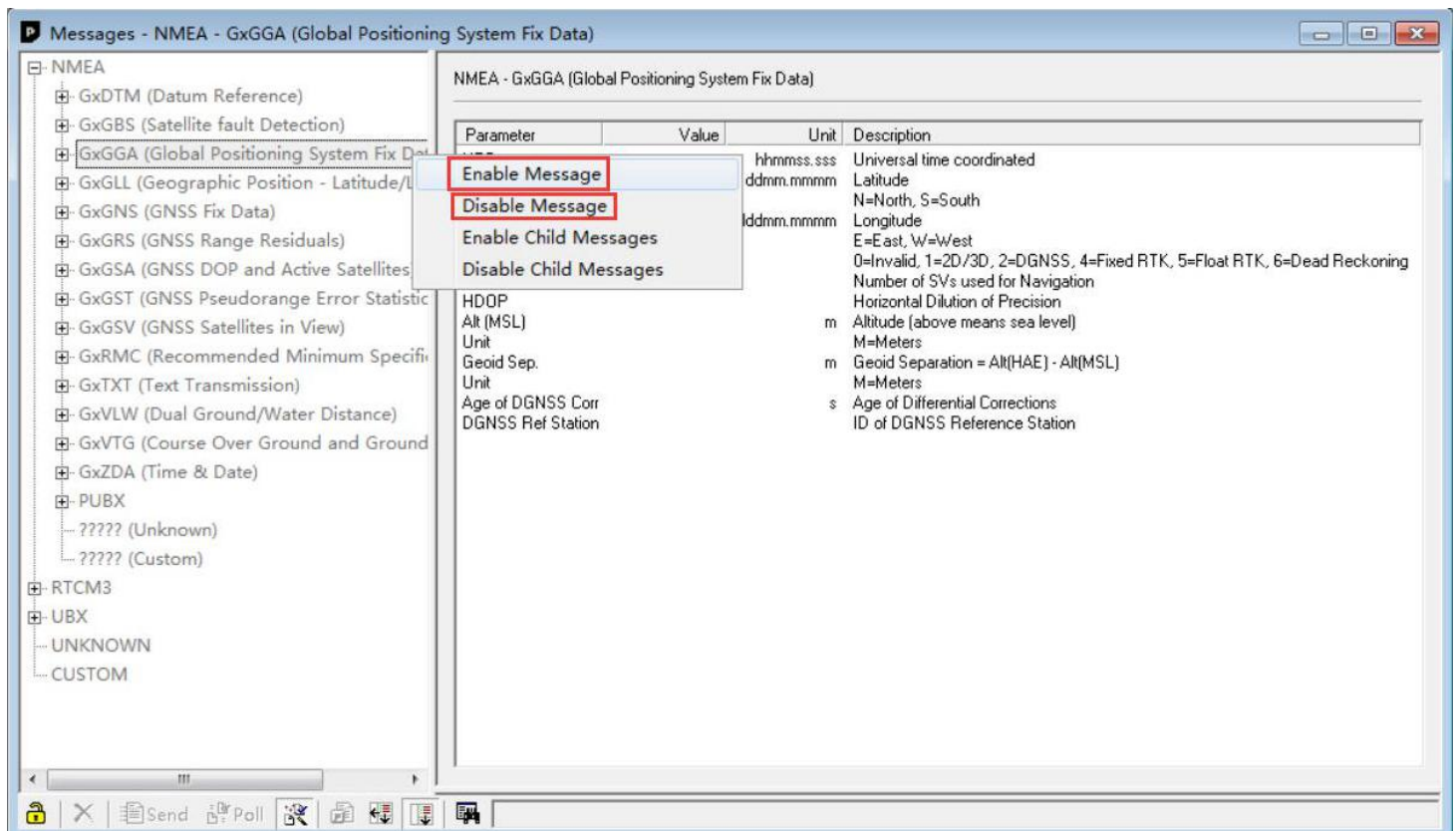
2.Open the menu bar "View"-"Configure View"-"CFG (Configuration)", select the appropriate options, and then click "send" to save the GPS modifications.
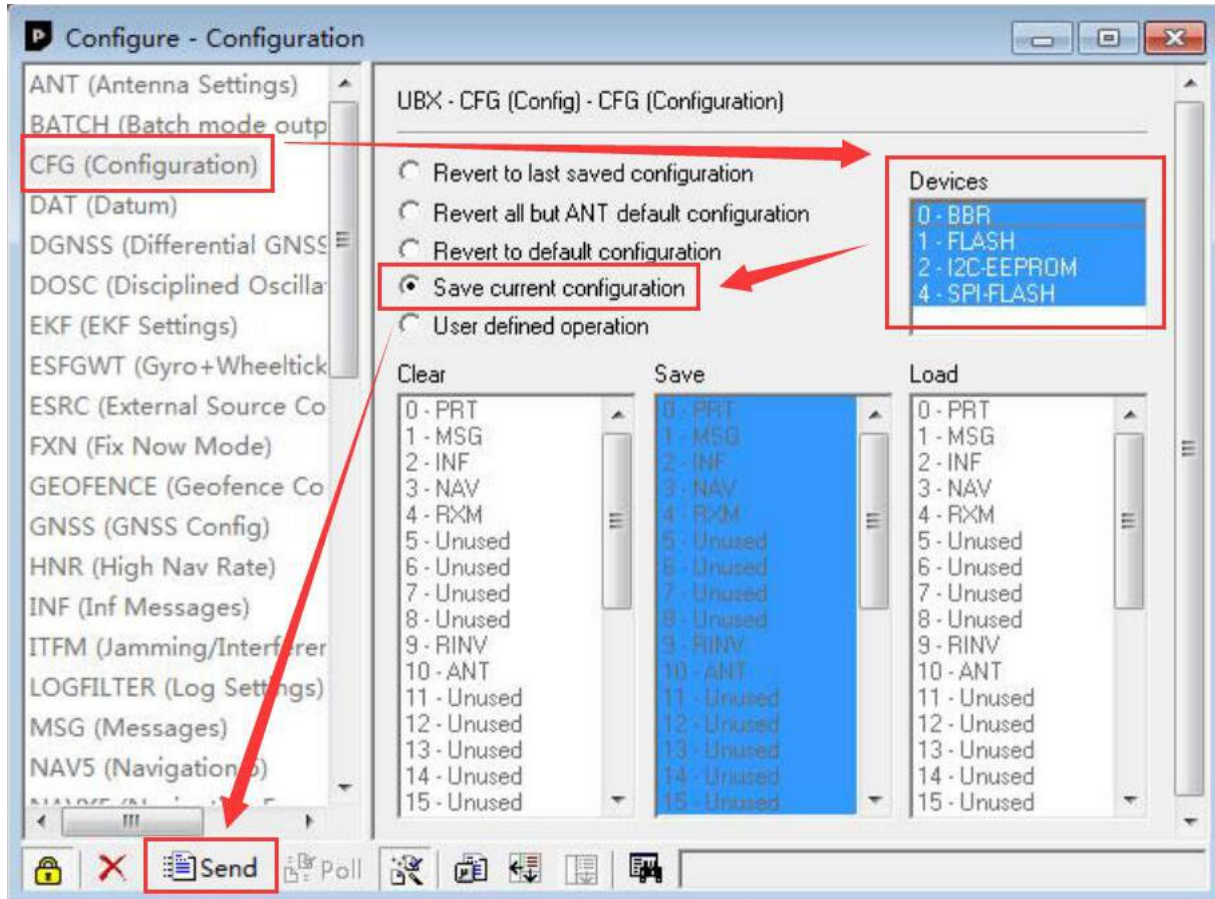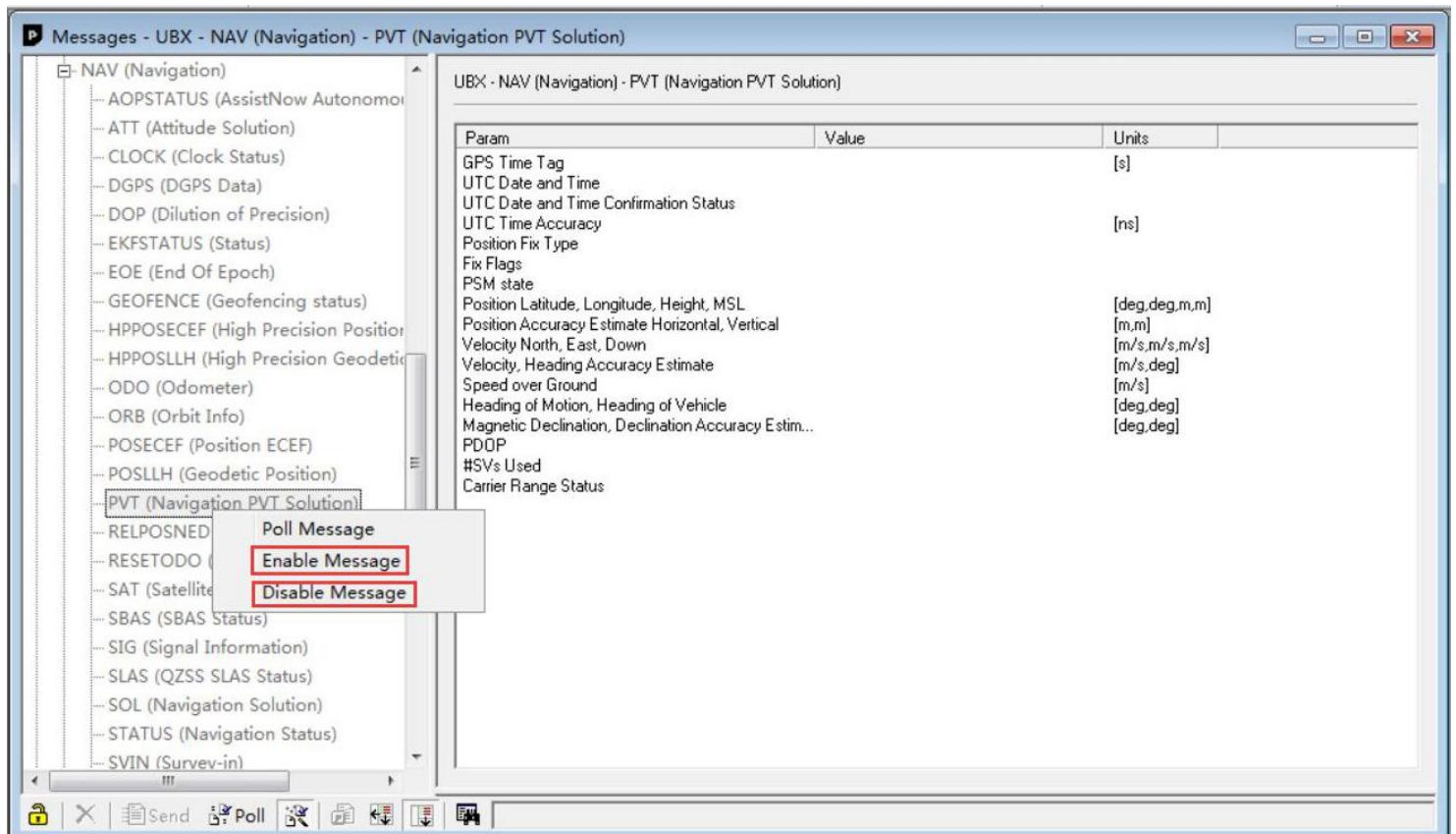

■ Open or close UBX protocol output.

1.Open the menu bar "View"-"Messages View"-"UBX"-"NAV". Find the corresponding statement, such as the need to open the "PVT" statement output, you can in the "PVT" above, click the right mouse button, then pop up the right menu, click "Enable Message", if you need to close it, click "Disable Message".

2.Open the menu bar "View"-"Configure View"-"CFG (Configuration)", select the appropriate options, and then click "send" to save the GPS modifications.
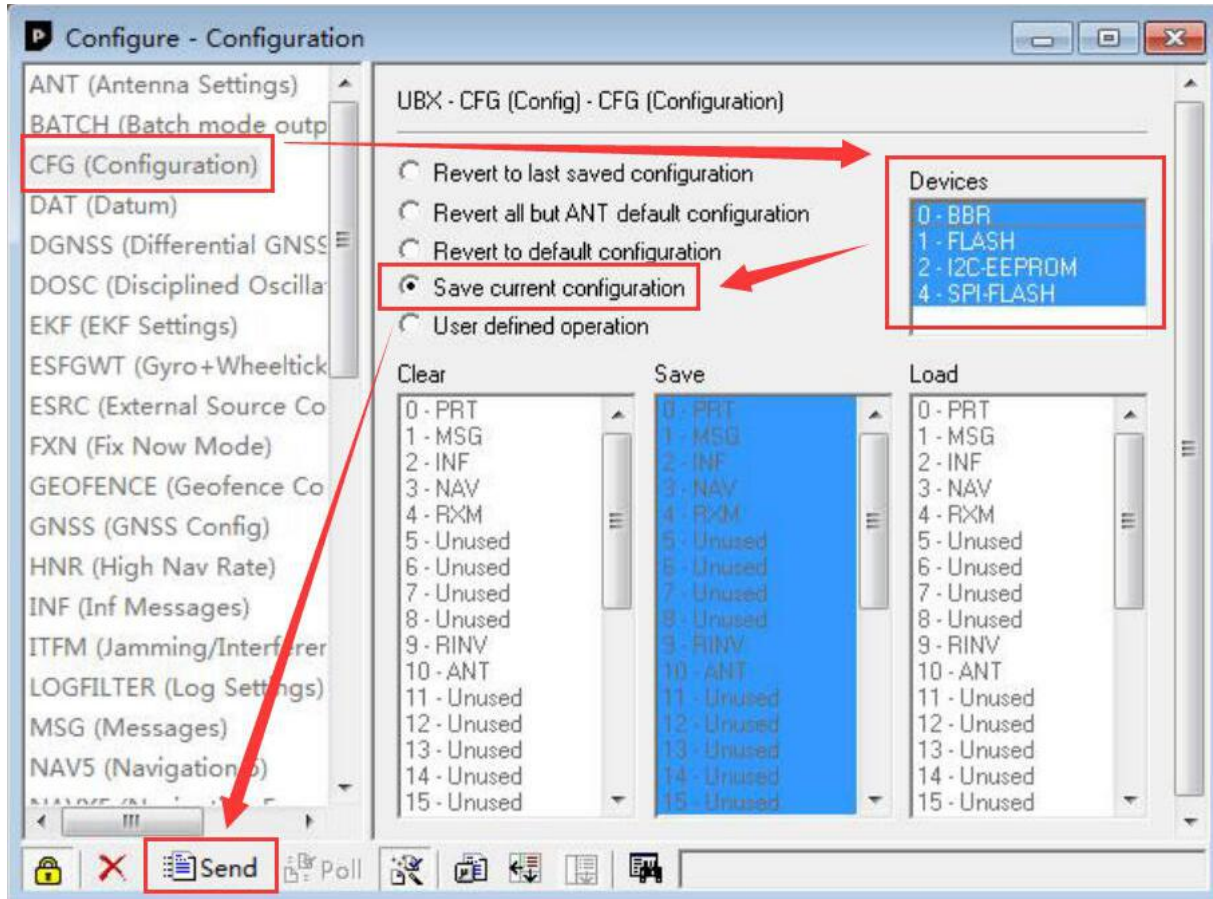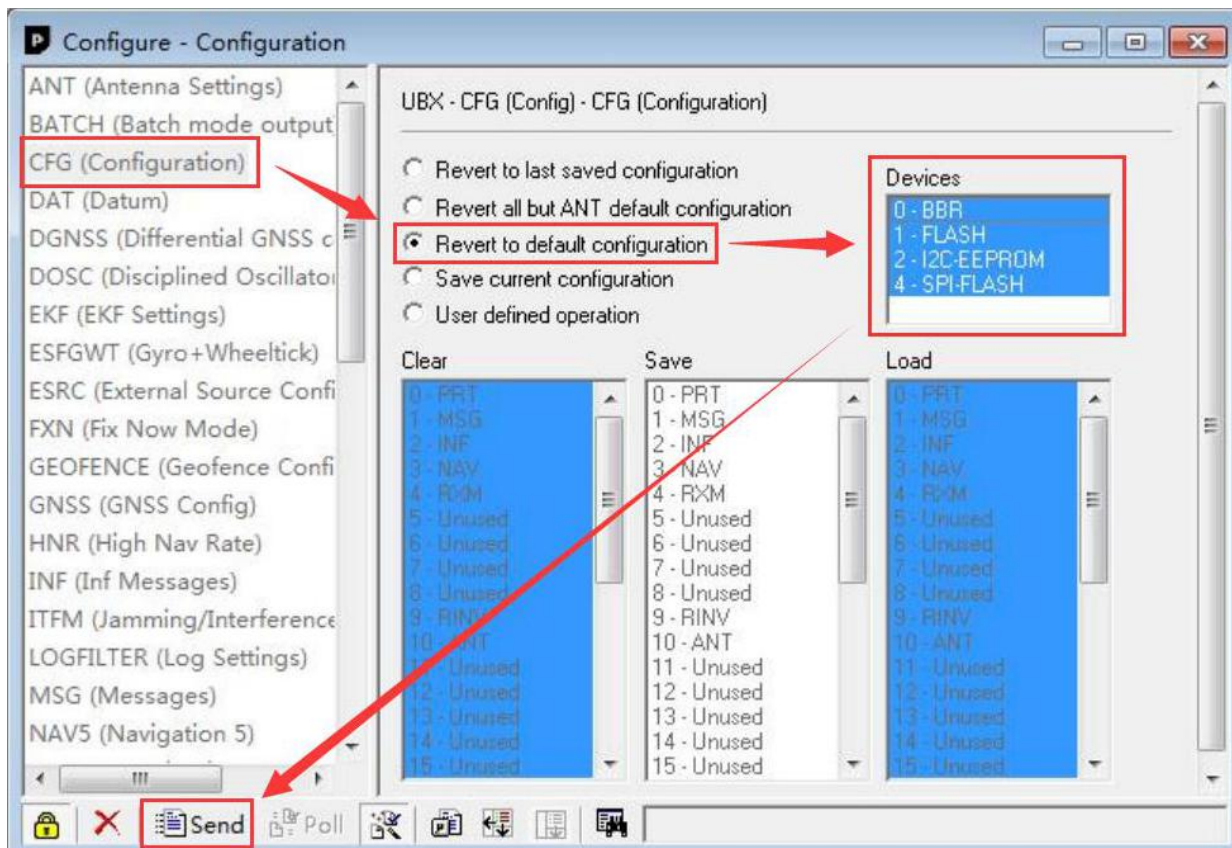

■ Reset.

Open the menu bar "View"-"Configure View"-"CFG (Configuration)", select Revert to default configuration and relative Devices, and then click "send" to reset the GPS.

- The USB GPS test software Windows Download：
https://www.u-blox.com/sites/default/files/u-centersetup_v19.06.zip

- The PL2303 UART-USB Windows driver Download：
http://www.prolific.com.tw/UserFiles/files/PL2303_Prolific_DriverInstaller_v1200.zip

- The UBX UART-USB Windows driver Download：
https://www.u-blox.com/sites/default/files/products/tools/UBX-GNSS-CDC-ACM-windows_Driver_%28UBX-drv-v1.2.0.8%29.exe.zip