



# GPRS Track

*- Use GooTrac to track over navigation map -*

## User Manual

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# TRACK OVER NAVIGATION MAP

## 1. Requirements

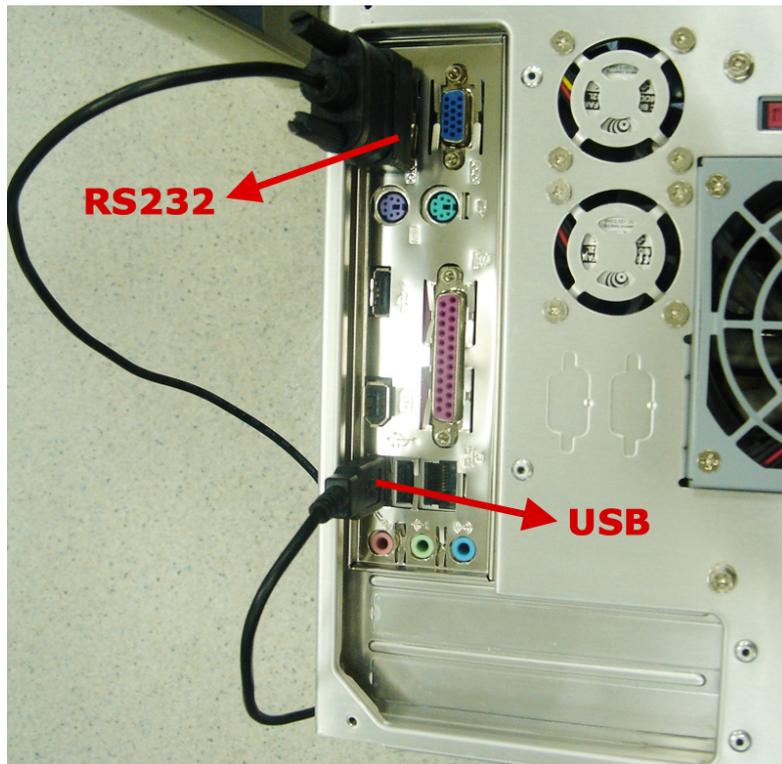
- (1) Make sure you did have installed a GSM SIM Card to AVL; and its **GPRS function** had been enabled.
- (2) **Fixed IP Address** is required for the operation; Intranet is NOT workable for this operation.
- (3) Navigation map following **NMEA-0183 protocol** should be installed in your PC in advance.

## 2. Create a Virtual COM Port

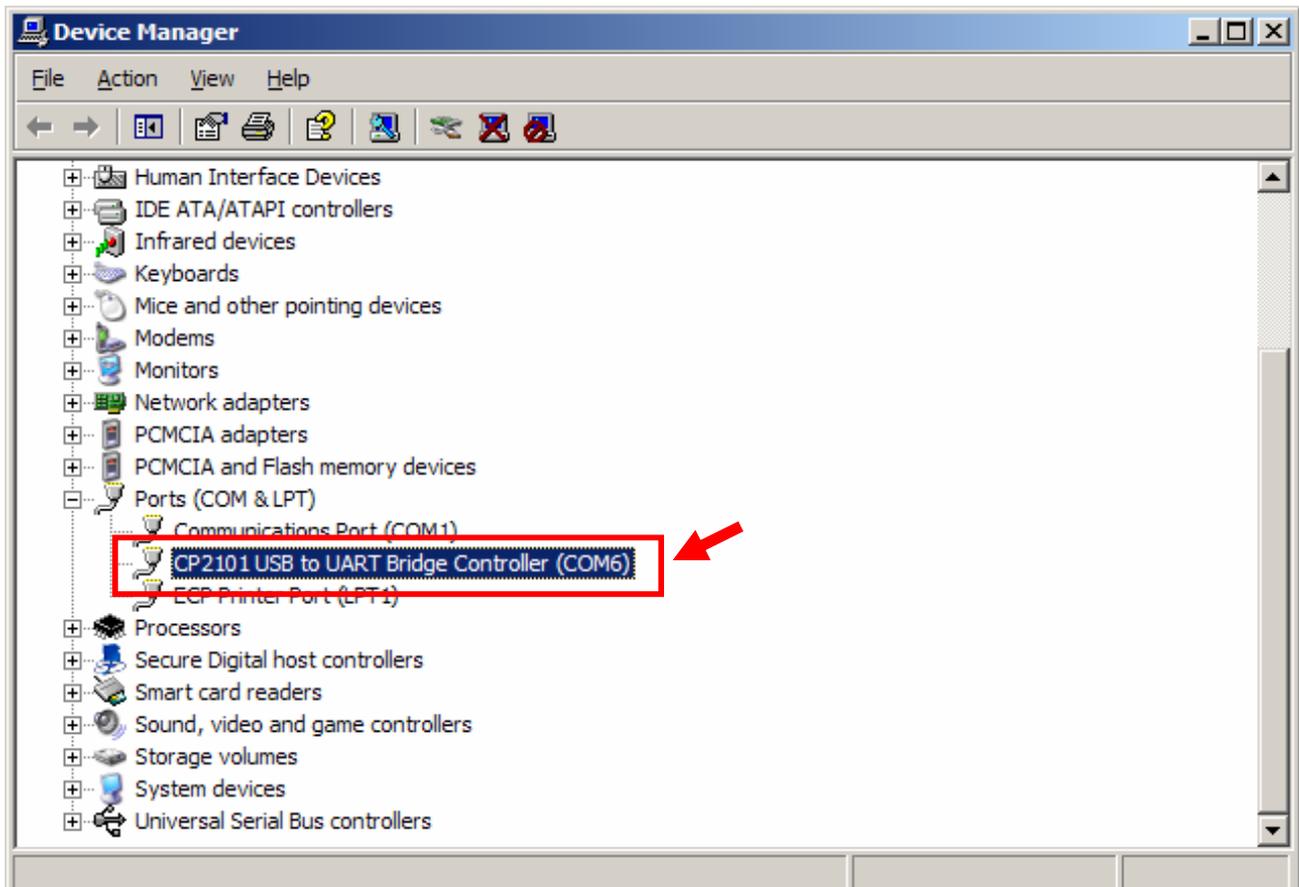
Step1. Put the CD delivered with the tracker to the CD driver of your computer; according to the OS of your computer, to install the driver for **USB-RS232 cable**.



Step2. Connect the **RS232-USB Cable** delivered with the device to the USB port & the RS232 port of your PC.

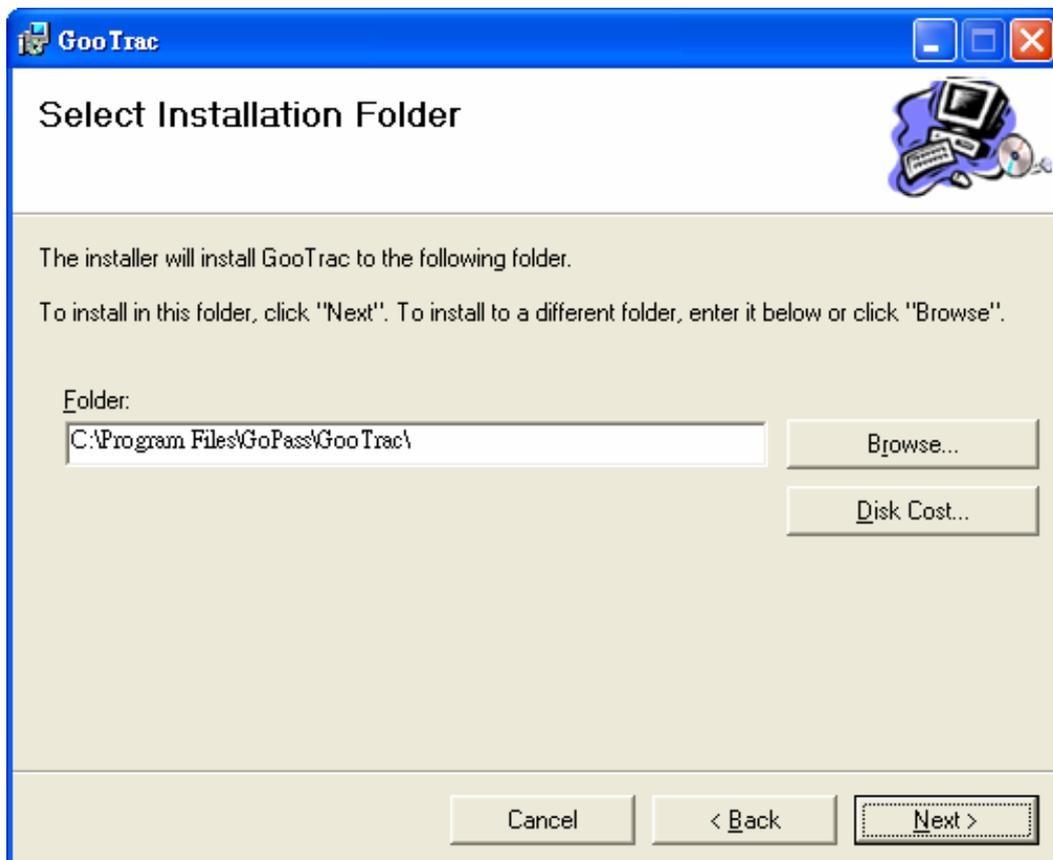
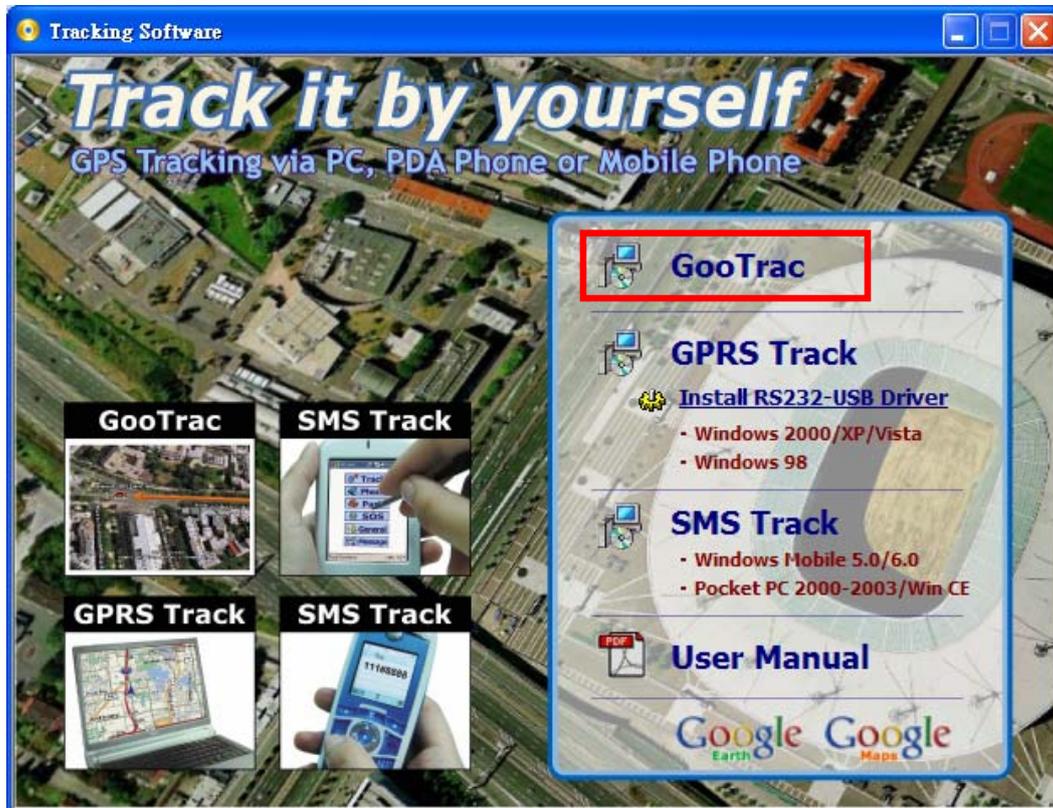


Step3. After connect the USB-RS2332 cable, please click “My computer” → “Properties” → “Hardware” → “**Device Manager**”; than check with the **virtual COM port** is on which **Port** (ex. **COM6**).

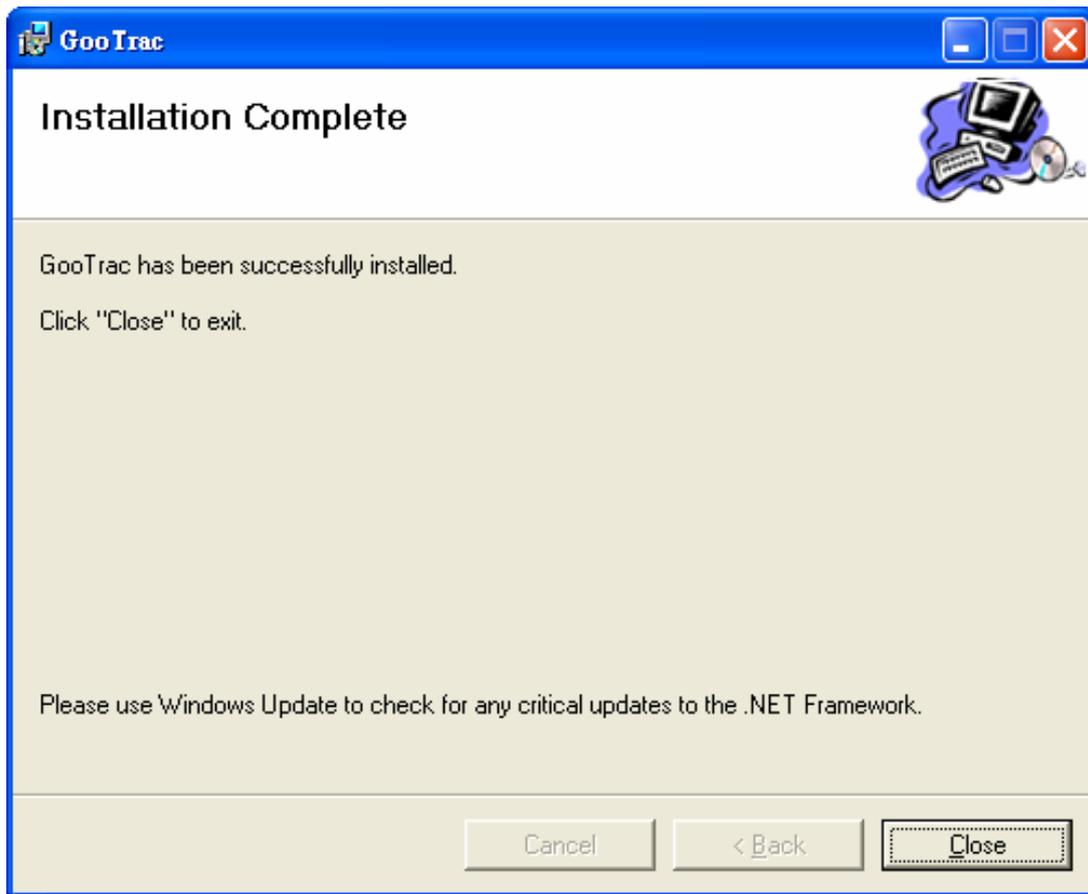


### 3. Install GooTrac Software

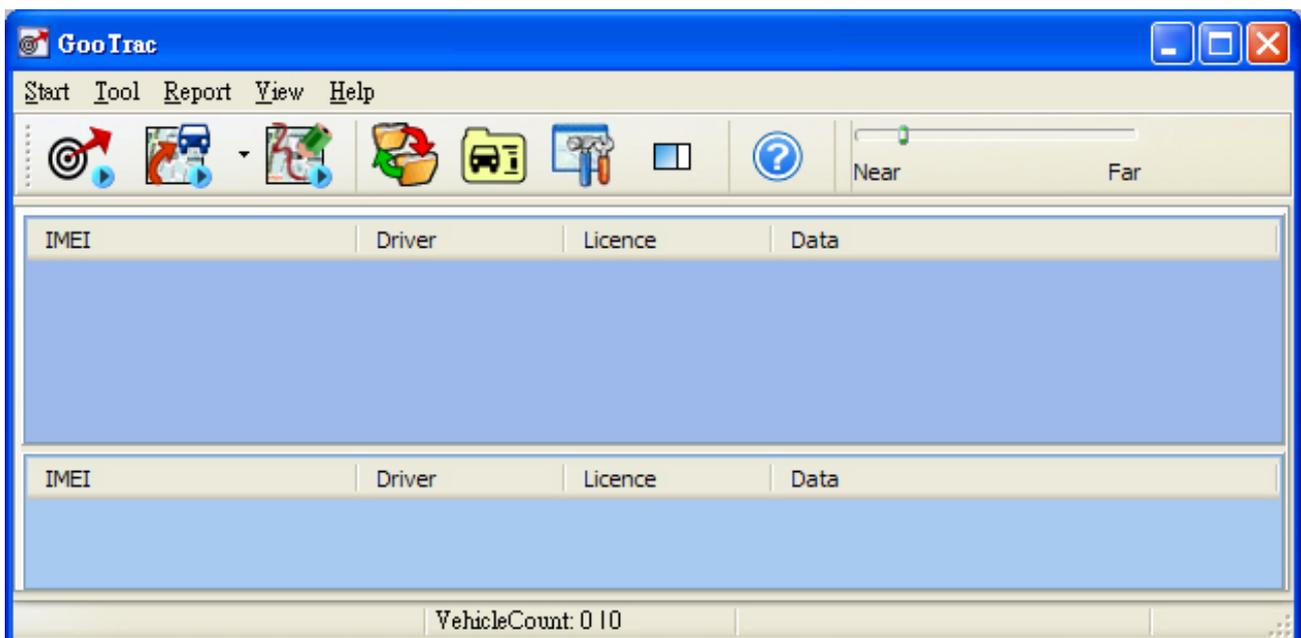
Step1. Put the CD delivered with the tracker to the CD driver of your computer; click on **“GooTrac”** to install the software into your computer.



Step2. The installation of GooTrac is completed.



Step3. Click "Start" → "All Programs" → "Gopass" → "**GooTrac**" to run the program you have just installed.



## 4. Easy Steps 123

First of all, run GooTrac software in your PC.

**Step1. Set GPRS APN** - send SMS command 600# to the tracker.

**600#Password #APN#IP#User#APN\_Password**

(ex. 600#8888#airtelnet.es#0.0.0.0#vodafone#vodafone)

<Please check with your mobile operator for the APN data. You can find the right command in <http://www.gopasstech.com> by clicking "**send my GPRS APN command**".>

**Step2. Set IP Address** - send SMS command 999# to the tracker.

**999#Password#ServerIP#Port**

(ex.999#8888#59.120.2.234#3000 - send the data to GoPass server)

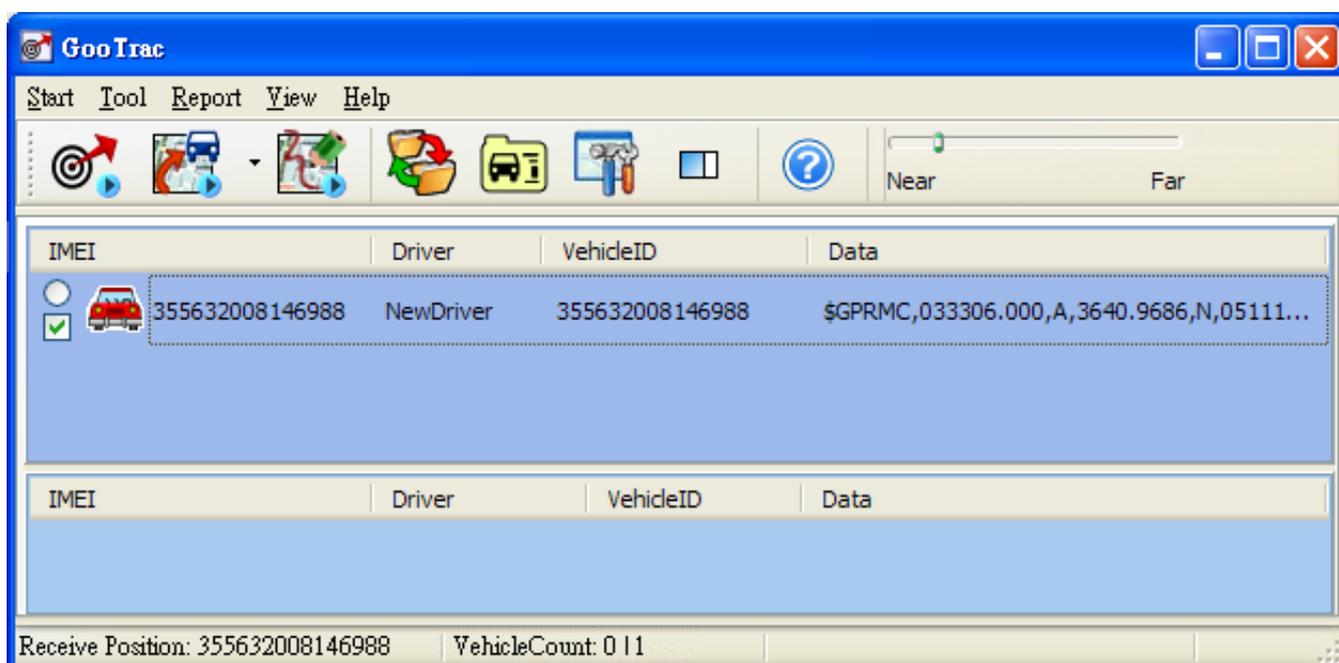
<Go to <http://www.gopasstech.com>; click "**See my IP Address**" to get the data.>

**Step3. Set transmission time interval** – send SMS command 115# to the tracker.

**115#Password#XX**

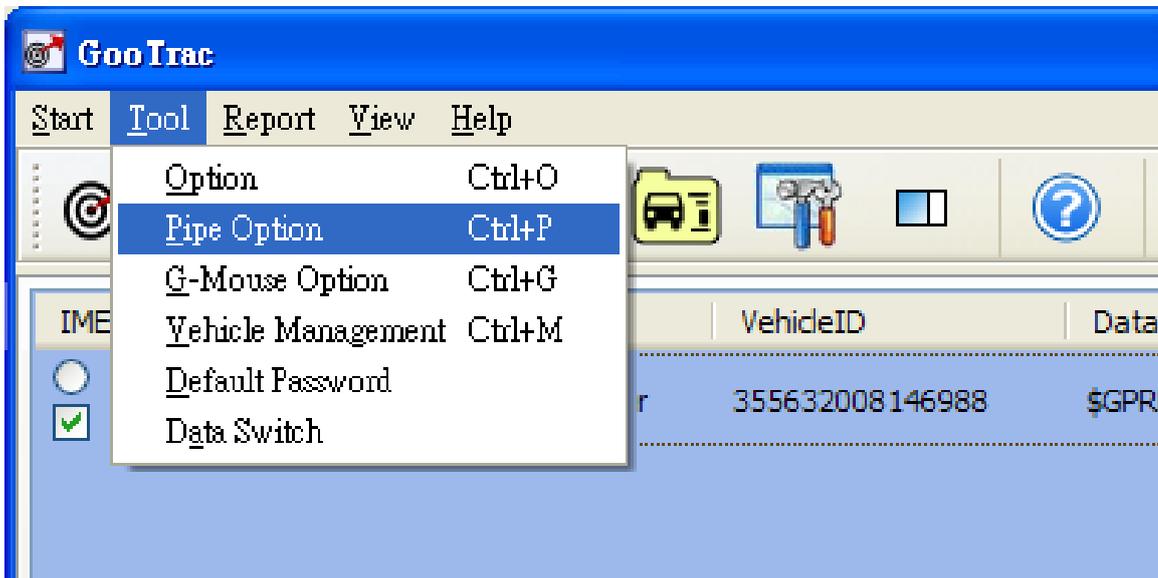
(ex.115#8888#20 - send the GPS data once each 20 seconds)

After then, the vehicle position data will prompt in GooTrac main screen, as illustrated below.

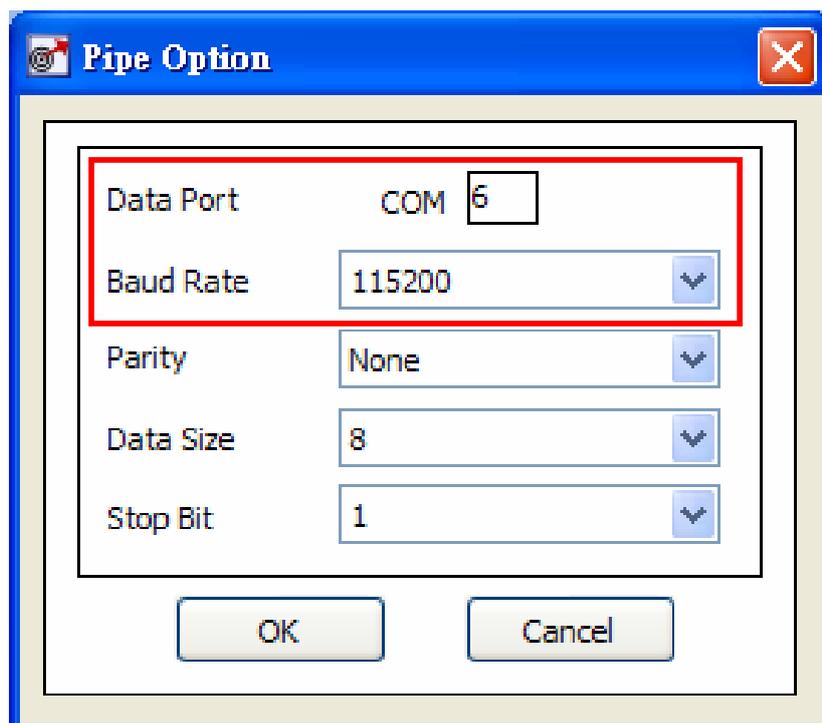


## 5. Pipe to COM

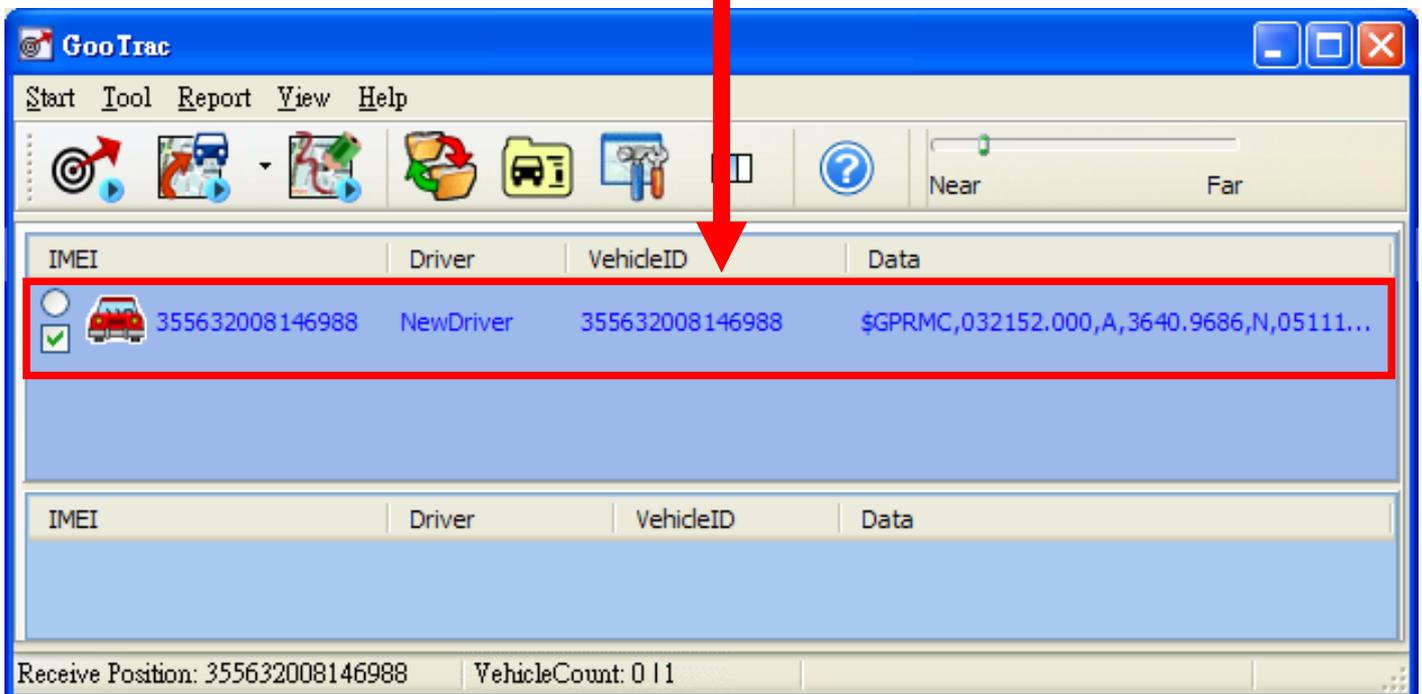
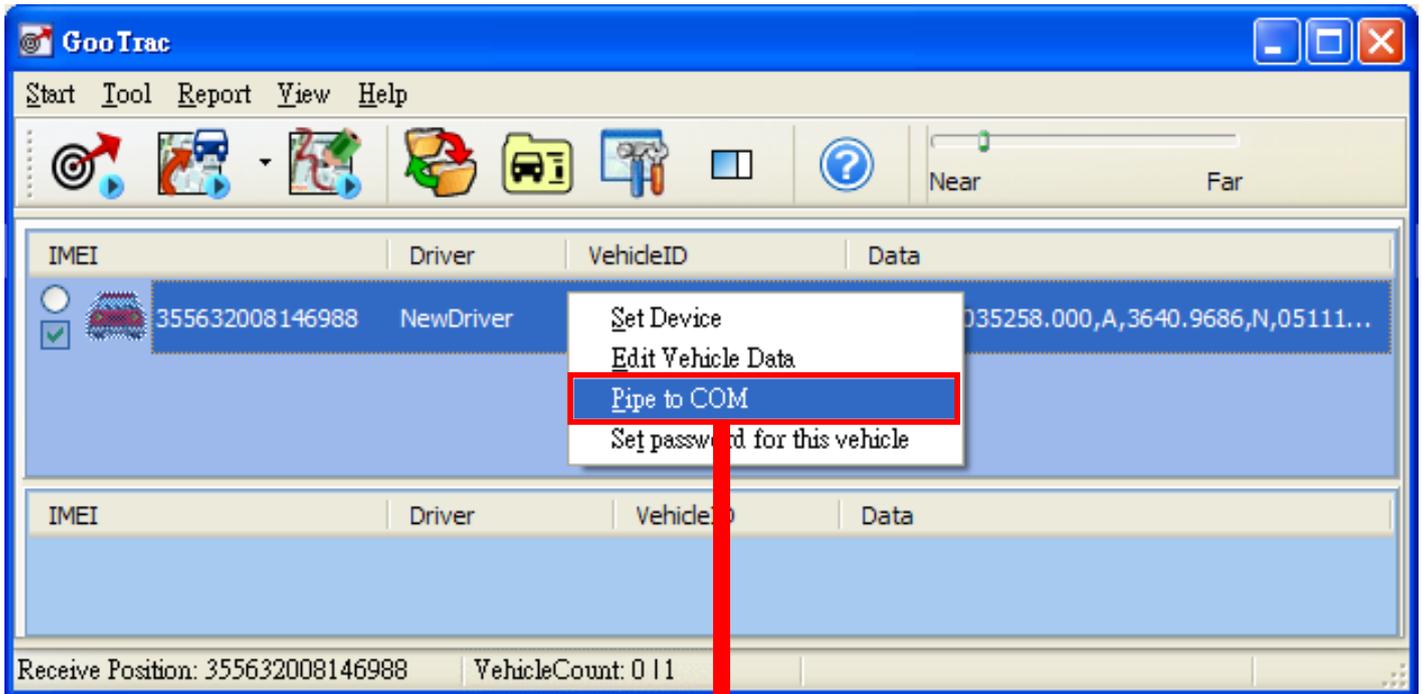
Please set “**Pipe Option**” (as illustrated below), when you use it for the first time.



Set the **Data Port** in “**Pipe Option**” to be the same as the **Virtual COM Port** you created in Point 2; and **Baud Rate** to the same value as your mapping software; while the rest can be kept as the default. (The below example is to transfer the GPS position data to **COM6**; and set Baud Rate to **115200**).



After the above setting, right click the vehicle icon, select “**Pipe to COM**”, the text of the column will change to **blue** color. It indicates the GPS position data have been re-directed to the COM Port.



## 6. Run Navigation Map

Run the mapping software installed in your computer; set **GPS Port** to **COM1**, and **Baud Rate** to the same value as set in **Pipe Option** (in the above example, it is **115200**), you will be able to see the position/ movement of the vehicle in the map live & real-time.

