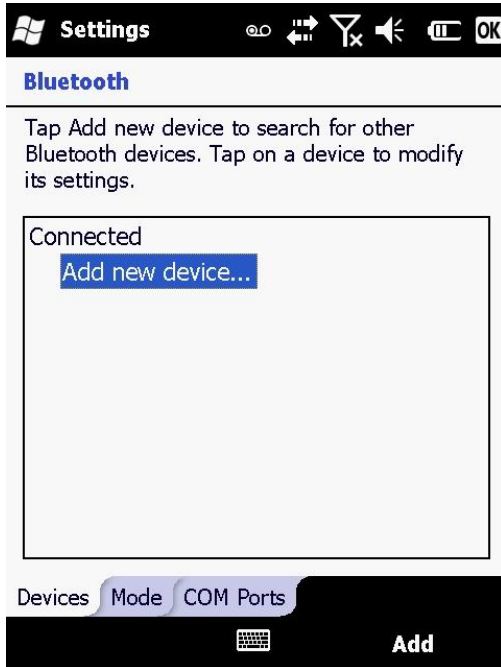
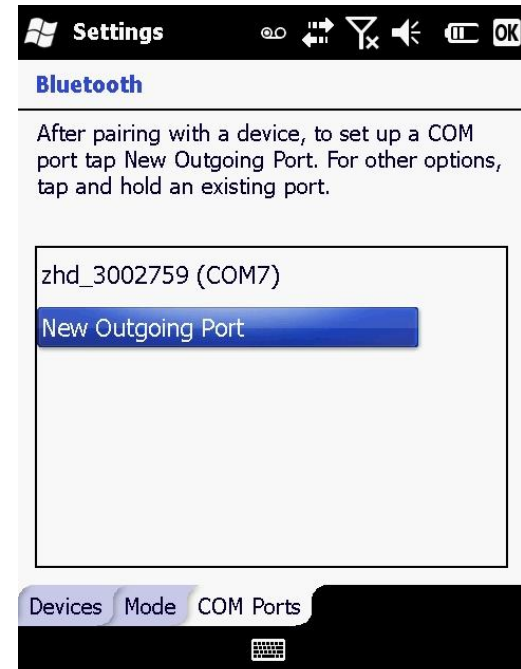


How to configure V30 to work with DigiTerra

1. Connect PDA to V30 through Bluetooth; Pass code: 1234.




2. Set COM port.



3. Start Hi-GNSS, choose the port, connect to V30.

Hi-Target connection Setting



HPC: General

General style,have in reserve.

Type: Serial Port ?







Port: 7 ?

Baudrate: 19200 ?

Analyzer: V8/V9/V30/V50 ?

Cancel Connect

Connected
3002759

 Base	 Rover
 Pos	 Satellite
 Static	 Exit

4. Go to , set VRS parameters, then send V30 position to network.

Set Rover

Message Type: RTCM(3.0)



Elevation Mask: 12

Send Rover Position to Network

1

Enable Glonass

DataLink Difference OK

5. Go back to , then click  to configure NMEA output.


Position

B:22:58:53.89645N dx:1.675
L:113:21:41.82127E dx:1.591
H:52.4220 dx:3.405
Single age:0.00 0|14
HDOP:0.80 VDOP:1.20
PDOP:1.40
UTC:2012-06-30 05:58:18

Reset Reset RTK

Regist SetPPS Cancel Fix

Console

Advanced 

V **Send**

Hex Enter Update Save

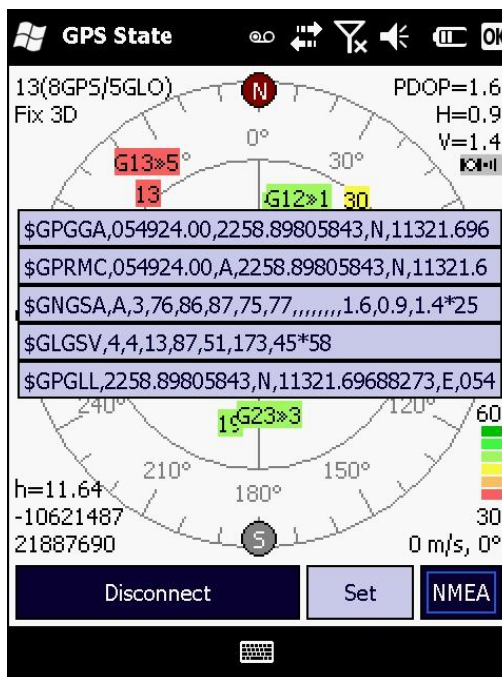
```
,195,47,31,23,106,41,23,57,283,51,30,29,
$GLGSV,4,3,14,66,16,244,33,77,19,328,35
$GLGSV,4,4,14,86,54,049,47,87,57,172,47
$GNGSA,A,3,23,30,3,6,16,19,31,13,,,,,1.4,
$GNGSA,A,3,76,86,87,66,75,77,,,,,,1.4,0.8
$GPRMC,055841.00,A,2258.89828387,N,1
$GPGLL,2258.89828387,N,11321.6970073
$GPGGA,055842.00,2258.89828424,N,113
$GNGST,055842.00,2.933,1.722,1.627,15!
$GPGSV,4,1,14,13,31,315,37,6,71,055,49,
```

data port interval

Clear GGA GST ZDA
 VTG RMC GSV Send
 GLL ADV GSA

Tips: Once Hi-GNSS connected to V30, command has been send, NMEA output would be changed. In order to get clean NMEA message, first select Clear, click **Send**; then select the options needed in DegiTerra, also click **Send**. Next step, you can directly shut down Hi-GNSS, start your DigiTerra.

6. Configure your DigiTerra to work with V30.



GPS State

13(8GPS/5GLO) PDOP=1.6
 Fix 3D H=0.9
 V=1.4

G13*5
 13
 G12*1 30

```
$GPGGA,054924.00,2258.89805843,N,11321.696
$GPRMC,054924.00,A,2258.89805843,N,11321.6
$GNGSA,A,3,76,86,87,75,77,,,,,,1.6,0.9,1.4*25
$GLGSV,4,4,13,87,51,173,45*58
$GPGLL,2258.89805843,N,11321.69688273,E,054
```

h=11.64
 -10621487
 21887690

0 m/s, 0°

Disconnect Set NMEA