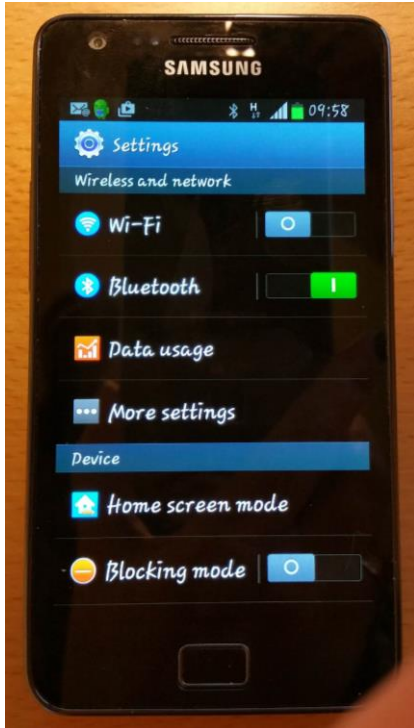
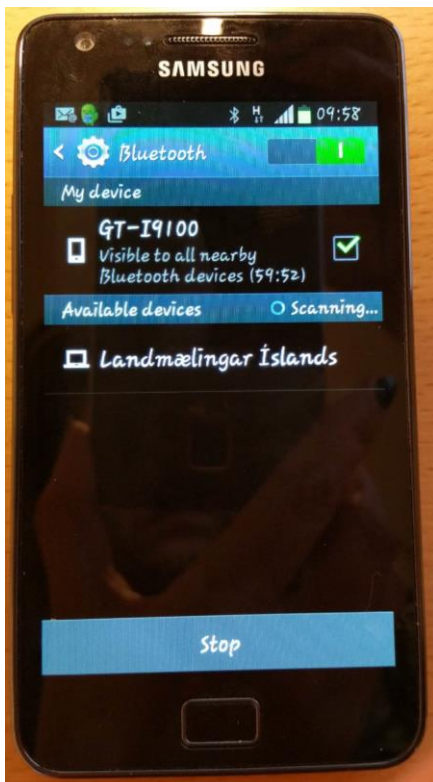


Trimble GeoXH2008 and Smart phone connection

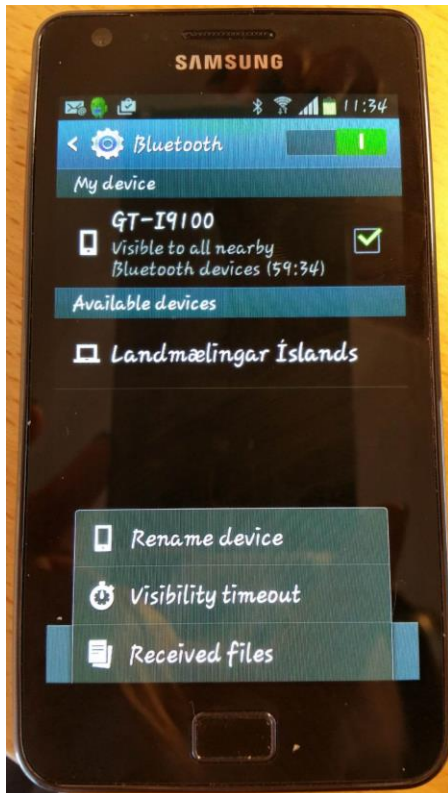
Samsung GT-I9100 configuration:



Go into phones settings and make bluetooth available and Wi-Fi unavailable.



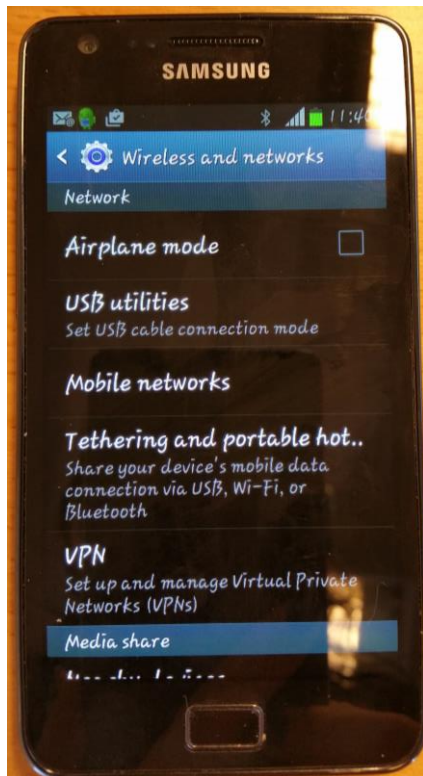
Go deeper into „Bluetooth“ settings and make your phone visible to other devices.



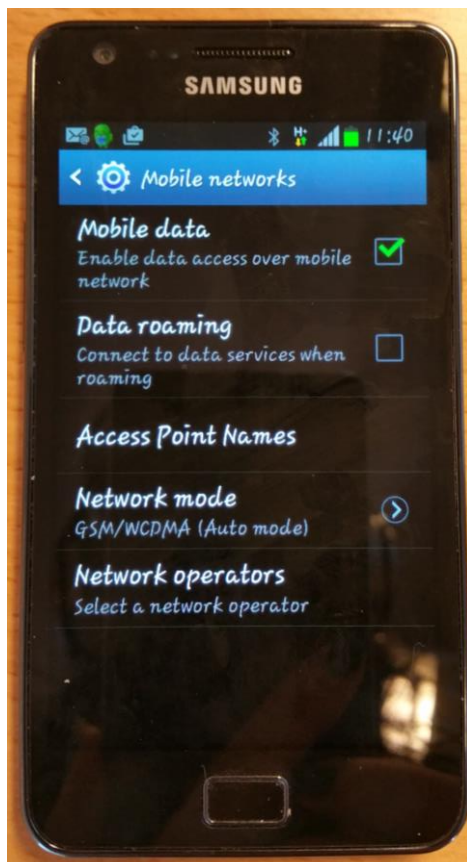
Go into settings of „Bluetooth“ and select „Visibility timeout“. Make your phone visible for 1 hour or more.



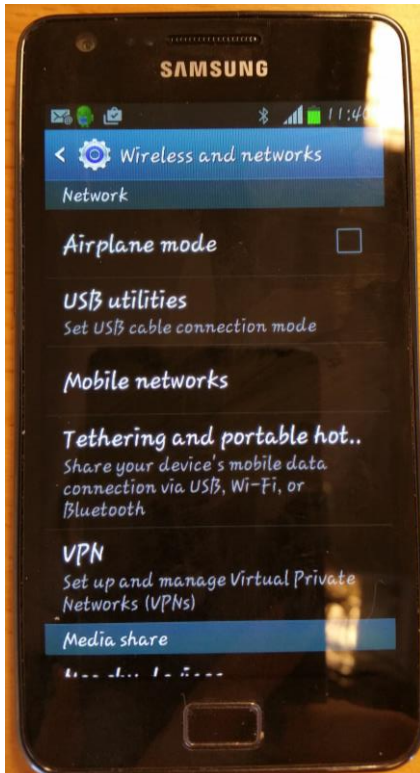
Go back to Settings window and choose „More settings“



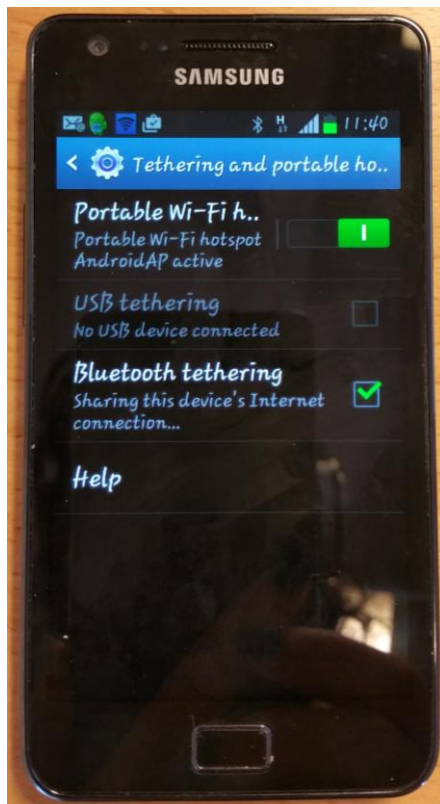
Choose „Mobile networks“.



Choose „Mobile data“.



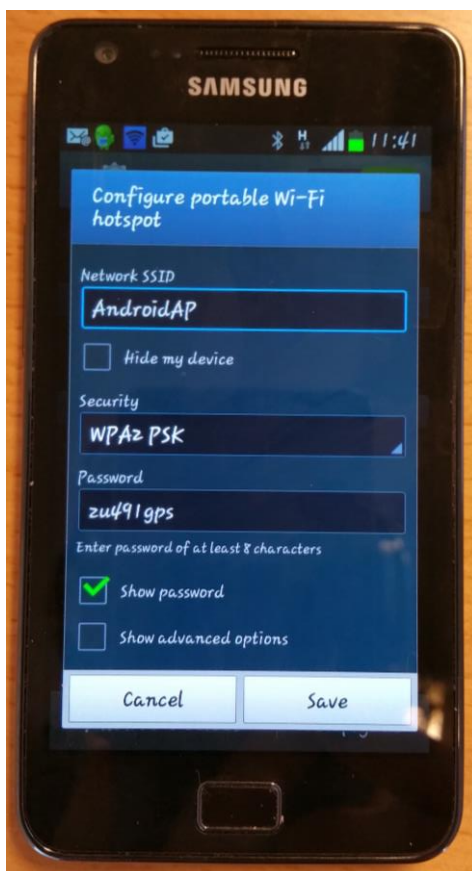
Go back to this window and choose „Tethering and portable hot..“



Make choices as you see in this window. And go deeper into „Portable Wi-Fi ho...“



Here , select „Configure“.

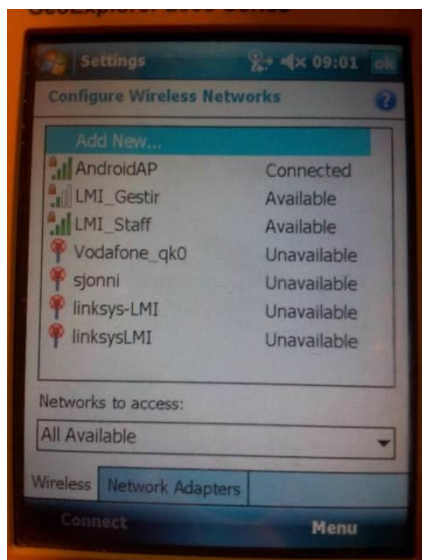


Here select as you see, only choose different password. Save it.

GeoXH2008 configuration:



Go to devices's Start/Settings/Connections/Wireless Manager. Here you enable bluetooth and at the bottom of this window click on „Menu“ and select „Wi-Fi Settings“.



Select the „Add new“.



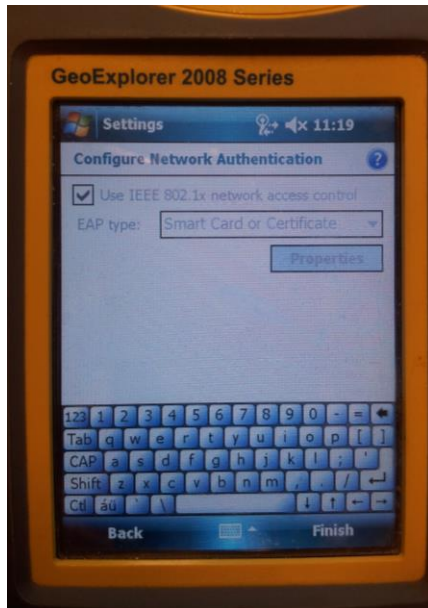
Network name should be taken from your smart phone (go to page 5.).

Look into section „Samsung GT-I9100 configuration“ section to find where to look for this name in your smart phone.

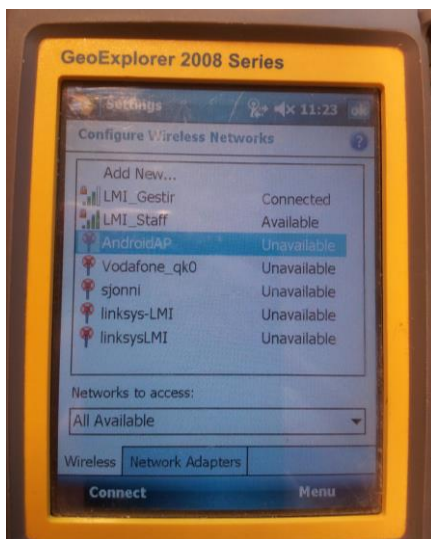


What to write into „Authentication“ look for that in smart phone. For more info look into section „Samsung GT-I9100 configuration“ of this document (go to page 5).

Network key should be the password you have chosen in smart phone under „Portable Wi-Fi ho.../Configure“



Make choices as you see here and push button „Finish“.



Select form the list AndroidAP and click the button „Connect“ at the bottom of the window.



Now, when you are connected to the internet run Start/TerraSync software and go to Status/setup.

In GPS settings:

NMEA Output: On.

In real-time settings:

Choice 1: External source

Type: VRS

Connection method: internet

Address: 213.167.147.216

Port: 2101

Mountpoint	Identifier
ISAF02	ISAF RTCM2.3
HEID02	HEID RTCM2.3
HEID03	HEID RTCM3.0
ISAF03	ISAF RTCM3.0
REYK02	REYK RTCM2.3
HOFN02	HOFN RTCM2.3
REYK03	REYK RTCM 3.0
HOFN03	HOFN RTCM 3.0
MAC31	MAC RTCM 3.1
FKP23	RTCM correction SAPOS standard
AKUR02	AKUR RTCM 2.3
AKUR03	AKUR RTCM 3.0

Source: select one from the table

Connection control: auto

Real-time protocol: RTCM

Choice 2: Wait for real-time

Real-time age limit: 15-20 sec

Go back to TerraSync software's setup by pushing "OK" button. There in setup window of TerraSync, push the "GPS" button to receive the corrections. If you are using external antenna, the button "External source" will appear beside the "GPS" button – push that button.

If you want to start measurements go to Setup/Data and push the button "Create".