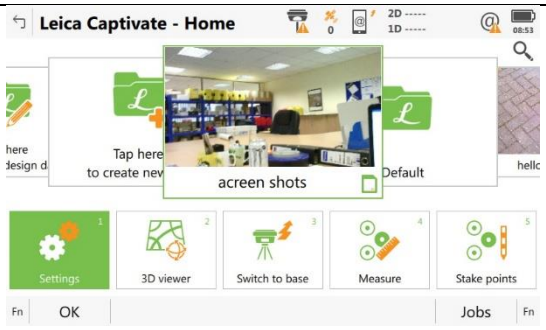
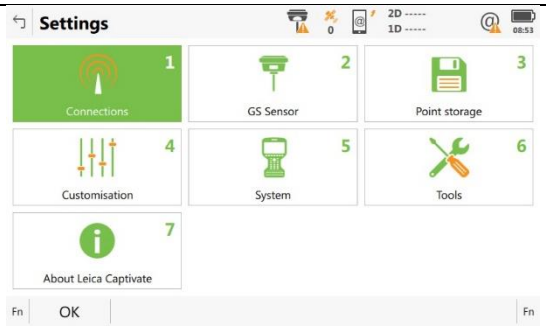
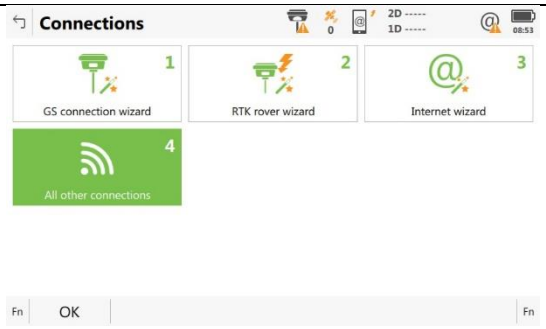
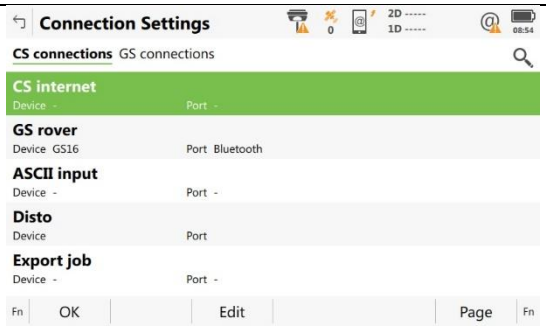
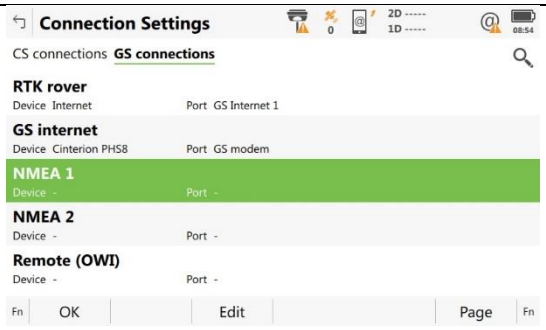
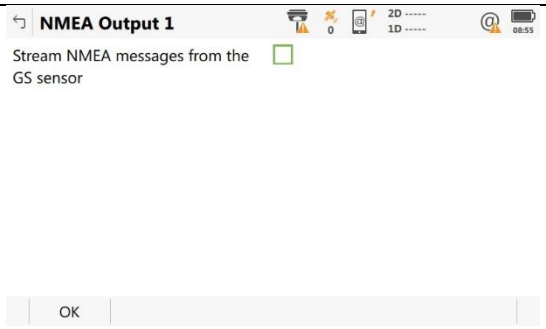
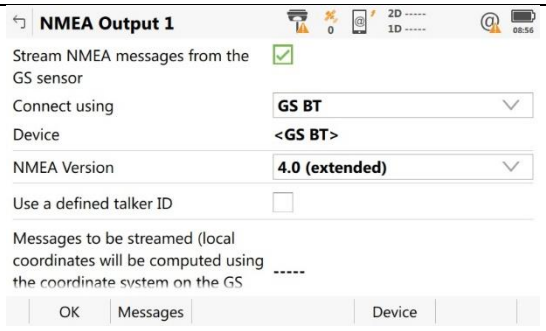
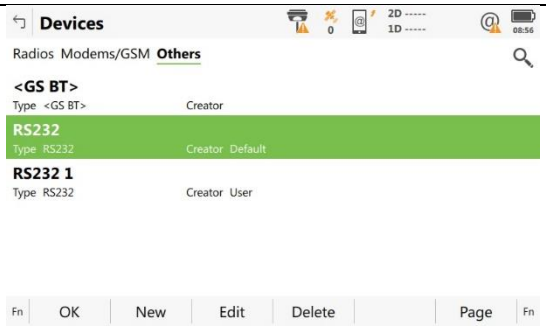
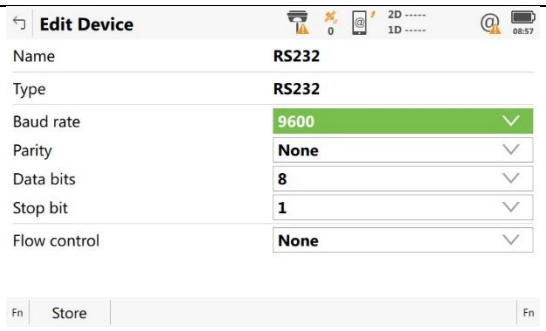
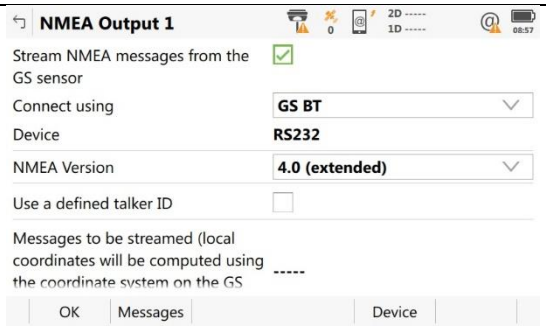
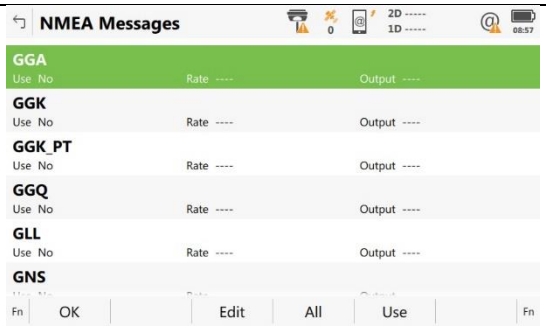
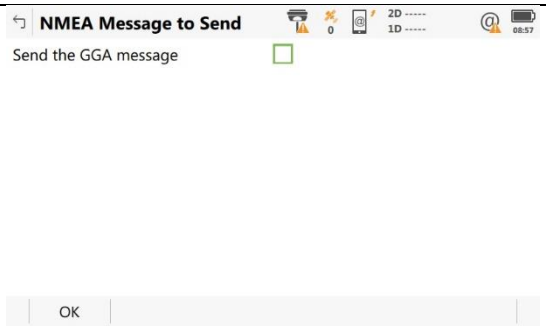
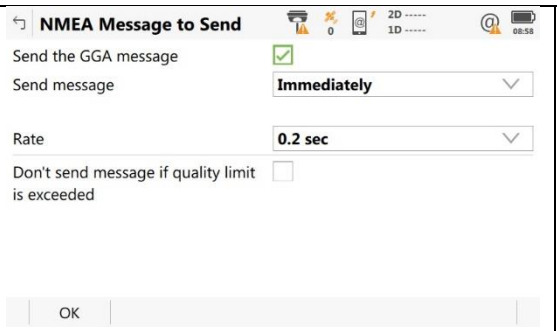
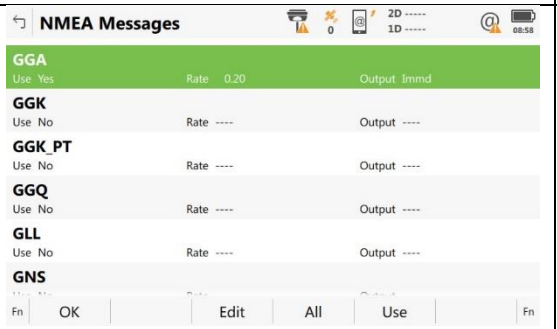
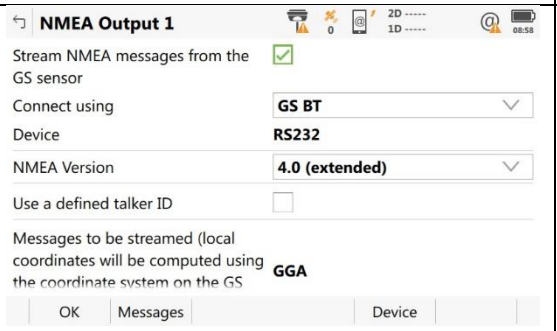
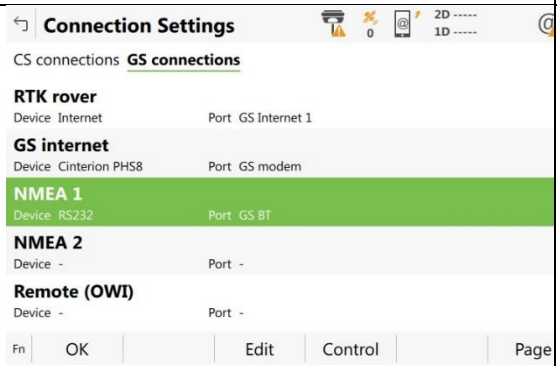
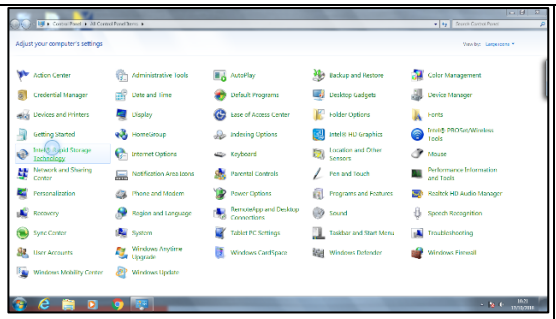
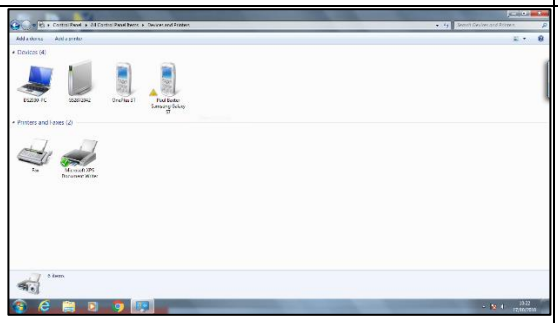
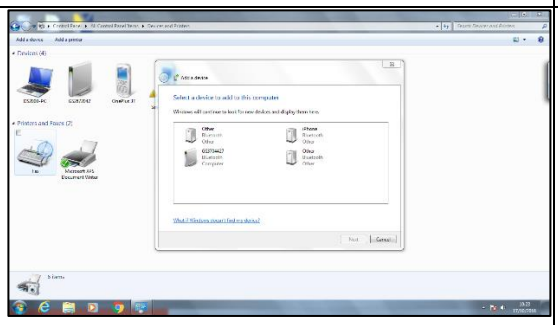
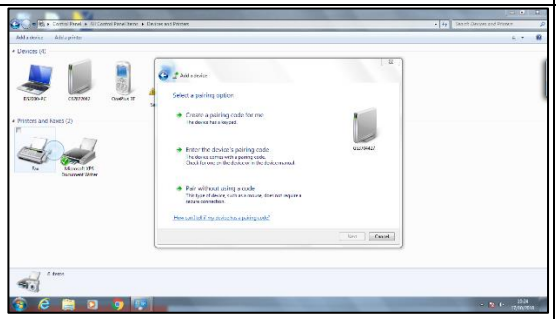
Leica Captivate: GPS Connection to DS2000 via Bluetooth – Ouverture Software

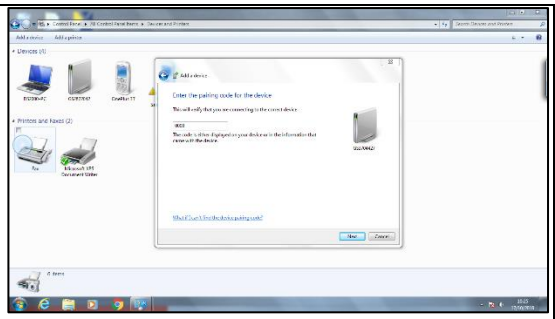
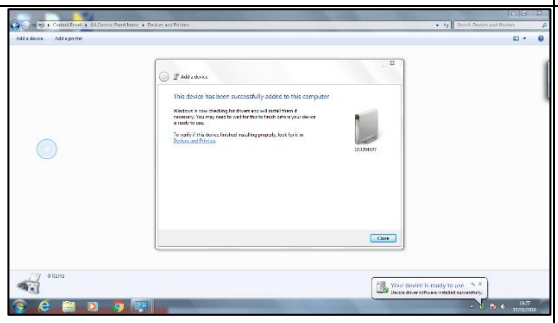
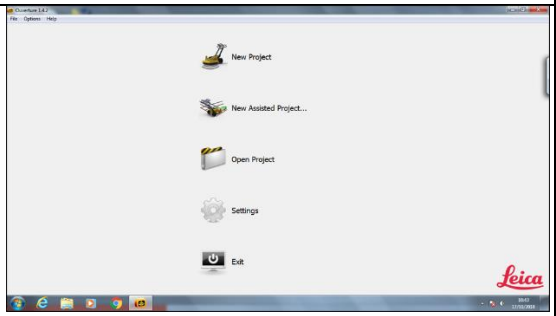
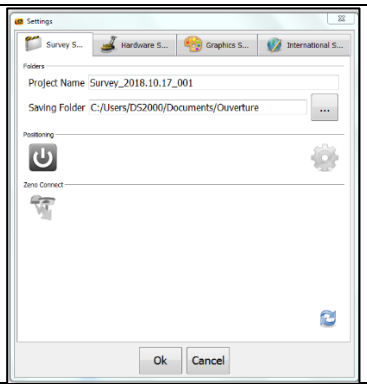
1		On GPS Controller. **“Settings”**
2		**“Connections”**
3		**“All other connections”**
4		Press **F6 “Page”.**

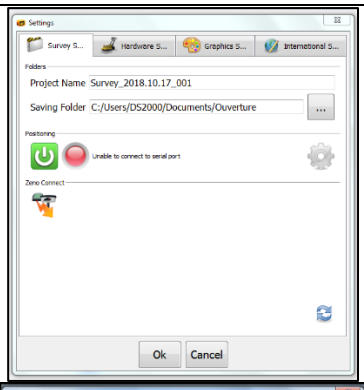
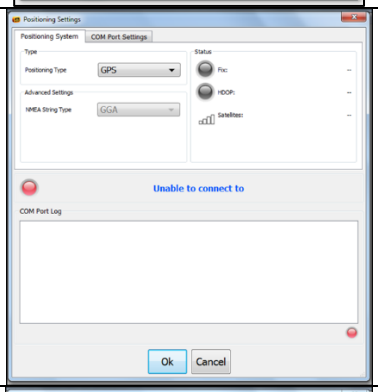
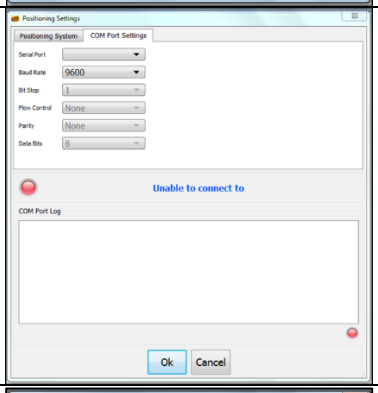
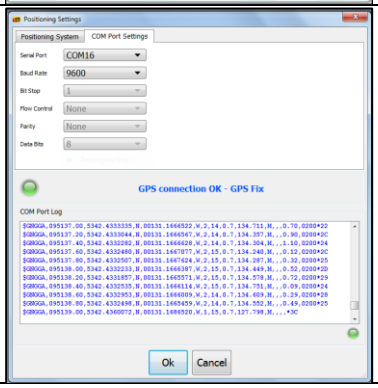
5		Scroll down so **NMEA 1** is highlighted in **GREEN** and press **F3 "Edit".**
6		Tick the box
7		Set **"Connect using"** to **GS BT** using the drop-down menu. Press **F5 "Device".**
8		Scroll down so **RS232** is highlighted in **GREEN**. Press **F3 "Edit".**

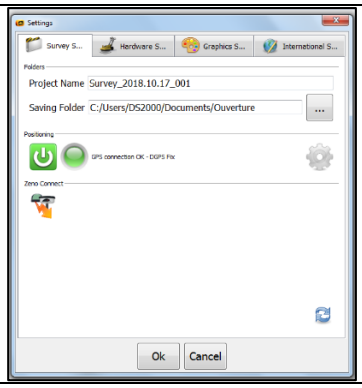
9		Set parameters as to those displayed, then press **F1 "Store".**
10		Press **F2 "Messages"**
11		With **GGA** highlighted in **GREEN**, Press **F3 "Edit".**
12		Tick the box

13		Set the parameters to those displayed. Press **F1 "Ok".**
14		Press **F1 "Ok".**
15		Press **F1 "Ok".**
16		Press **F1 "Ok".** You can now return to the home screen in captivate and start the **"RTK Stream".** This will then start outputting the **NMEA Stream** just configured.

17		On the tablet, go to the **“Control Panel”**, then **“Devices and Printers”.**
18		Select **“Add a device”.**
19		Select the GPS Antenna which will be displayed as **“GS”** followed by the **Serial Number** of the GPS Antenna. Select **“Next”**
20		Select **“Enter the device’s pairing code”.**

21		Enter the code “**0000**” and select “**Next**”
22		Once connection is successful the adjacent will be displayed. Once connected go back into the **“Control panel”, “Devices and printers”** and create a shortcut of the GPS Antenna on the Desktop of the tablet. Go Back to the desktop and Right Click/Hold Pen on the shortcut for the GS Antenna, on the drop-down menu select “**Connect Using**” then select “**Ad hoc Network**”. A message will be displayed to say if the connection has been successful.
23		Open **Ouveture**, Click on the Icon for “ **Settings**”
24		The following window will appear. If the on/off icon for the GPS is greyed out, click on the icon to turn the GPS on.

25			When on the Icon will turn green. Then hit the icon to enter the GPS Settings Window.
26			Click on the "**COM Port Settings**" Tab.
27			Click on the "**Serial Port**" drop down menu and select the comport for the Bluetooth connection. **Please note, on the Getac CT2000 "COM2" is the built in GPS and not the External GPS Antenna.**
28			Once the "**Serial Port**" has been selected, check that the Fix status is now green. Also, check that the window says, "**GPS connection OK – RTK Fix**". Check that data is being recorded in the COM Port Log and that the prefix for the data coming in says "**$GNGGA**". Then hit "**OK**" to save the changes to the settings.

29			lick "**Ok**" to store the settings and return to the main menu.