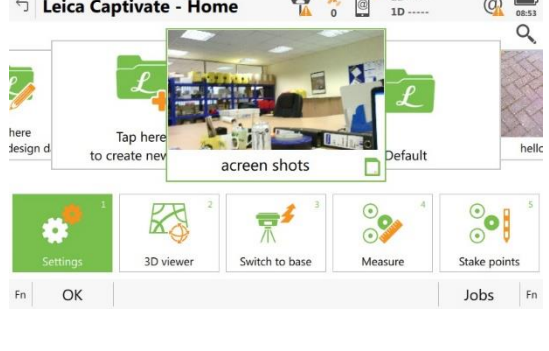
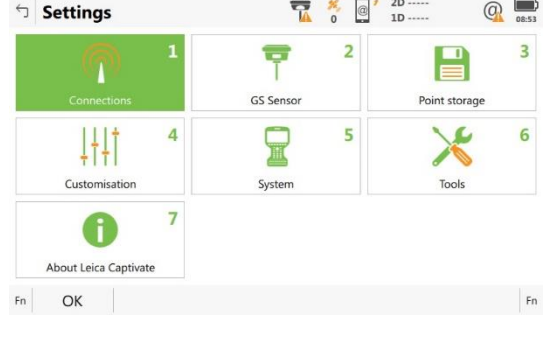
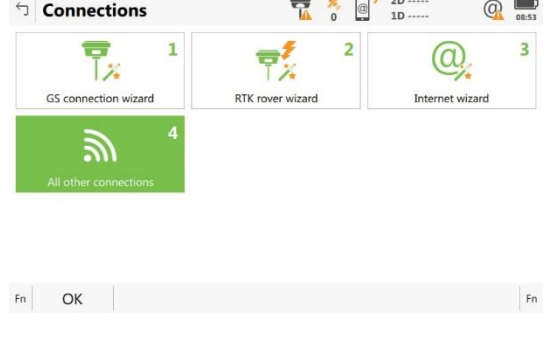
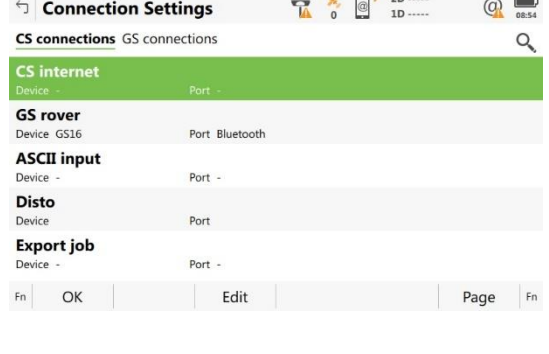


Leica Captivate: GPS Connection to DS2000 via GEV269 Cable – uNext Software

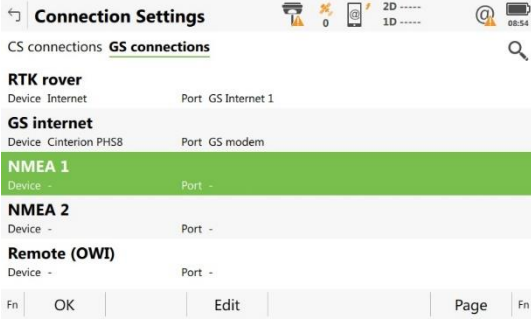
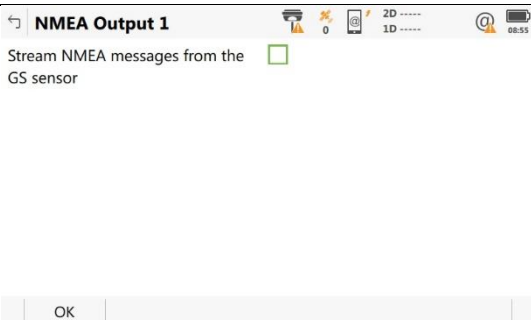
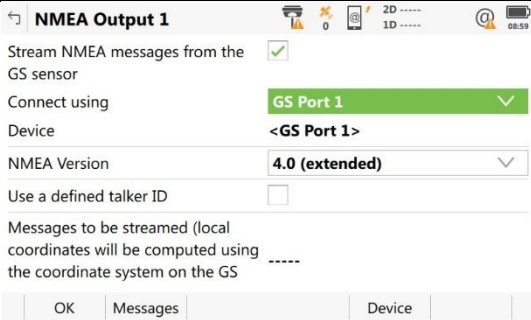
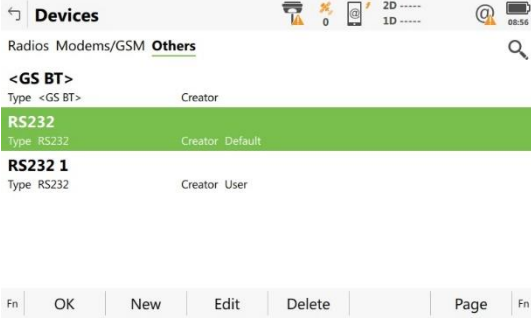
1	 <p>The screenshot shows the 'Leica Captivate - Home' screen. At the top, there's a status bar with icons for signal, battery, and time (08:53). Below the title bar, there's a large image of a construction site. In the center, there's a 'Tap here to create new screen shots' prompt. Below this, there are five icons: 'Settings' (gear), '3D viewer' (cube), 'Switch to base' (tower), 'Measure' (ruler), and 'Stake points' (pins). At the bottom, there are 'Fn', 'OK', and 'Jobs' buttons.</p>	<p>On GPS Controller.</p> <p>“Settings”</p>
2	 <p>The screenshot shows the 'Settings' screen. It has a title bar with the same status bar as the previous screen. Below the title bar, there are seven icons: 'Connections' (antenna), 'GS Sensor' (tower), 'Point storage' (disk), 'Customisation' (sliders), 'System' (tower), 'Tools' (wrench), and 'About Leica Captivate' (info). At the bottom, there are 'Fn', 'OK', and 'Fn' buttons.</p>	<p>“Connections”</p>
3	 <p>The screenshot shows the 'Connections' screen. It has a title bar with the same status bar. Below the title bar, there are four icons: 'GS connection wizard' (tower), 'RTK rover wizard' (tower with lightning bolt), 'Internet wizard' (at symbol), and 'All other connections' (Wi-Fi symbol). At the bottom, there are 'Fn', 'OK', and 'Fn' buttons.</p>	<p>“All other connections”</p>
4	 <p>The screenshot shows the 'Connection Settings' screen. It has a title bar with the same status bar. Below the title bar, there's a section titled 'CS connections' with a sub-header 'GS connections'. Below this, there are several settings: 'CS internet' (Device: -, Port: -), 'GS rover' (Device: GS16, Port: Bluetooth), 'ASCII input' (Device: -, Port: -), 'Disto' (Device: -, Port: -), and 'Export job' (Device: -, Port: -). At the bottom, there are 'Fn', 'OK', 'Edit', 'Page', and 'Fn' buttons.</p>	<p>Press F6 “Page”.</p>

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5	 <p>The screenshot shows the 'Connection Settings' screen. Under 'CS connections', 'GS connections' is selected. The list includes 'RTK rover', 'GS internet', 'NMEA 1' (highlighted in green), 'NMEA 2', and 'Remote (OWI)'. At the bottom, there are buttons for 'Fn', 'OK', 'Edit', 'Page', and 'Fn'.</p>	<p>Scroll down so NMEA 1 is highlighted in GREEN and press F3 “Edit”.</p>
6	 <p>The screenshot shows the 'NMEA Output 1' screen. It has a checkbox for 'Stream NMEA messages from the GS sensor' which is currently unchecked. At the bottom, there is an 'OK' button.</p>	<p>Tick the box</p>
7	 <p>The screenshot shows the 'NMEA Output 1' screen with the 'Stream NMEA messages from the GS sensor' checkbox checked. The 'Connect using' dropdown is set to 'GS Port 1' (highlighted in green). The 'Device' dropdown is set to '<GS Port 1>'. The 'NMEA Version' dropdown is set to '4.0 (extended)'. At the bottom, there are buttons for 'OK', 'Messages', and 'Device'.</p>	<p>Set “Connect using” to “GS Port 1” using the drop-down menu.</p> <p>Press F5 “Device”.</p>
8	 <p>The screenshot shows the 'Devices' screen. Under 'Radios Modems/GSM', 'Others' is selected. The list includes '<GS BT>', 'RS232' (highlighted in green), and 'RS232 1'. At the bottom, there are buttons for 'Fn', 'OK', 'New', 'Edit', 'Delete', 'Page', and 'Fn'.</p>	<p>Scroll down so RS232 is highlighted in GREEN. Press F3 “Edit”.</p>

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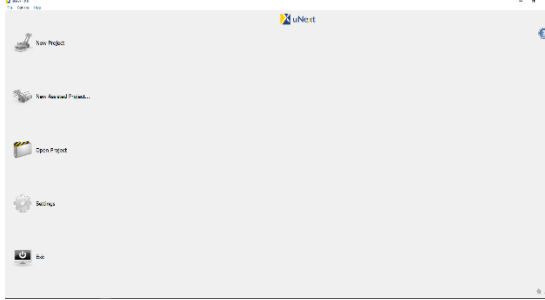

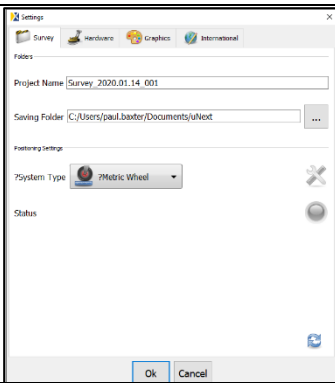
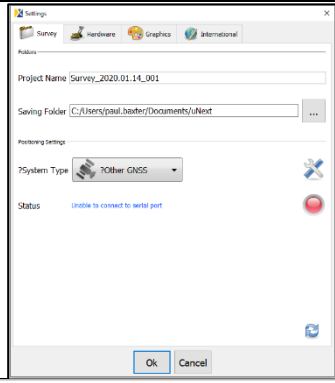

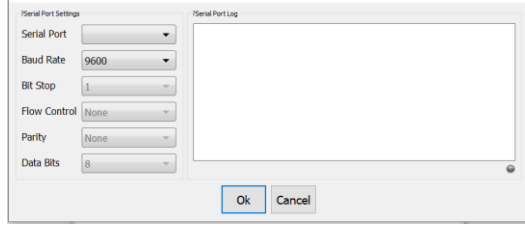
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9	<div><div>Edit Device</div><div><div>Name</div><div>RS232</div></div><div><div>Type</div><div>RS232</div></div><div><div>Baud rate</div><div>9600</div></div><div><div>Parity</div><div>None</div></div><div><div>Data bits</div><div>8</div></div><div><div>Stop bit</div><div>1</div></div><div><div>Flow control</div><div>None</div></div><div><div>Fn</div><div>Store</div><div>Fn</div></div></div>	Set parameters as to those displayed, then press F1 “Store” .
10	<div><div>NMEA Output 1</div><div><div>Stream NMEA messages from the GS sensor</div><div><input checked="" type="checkbox"/></div></div><div><div>Connect using</div><div>GS Port 1</div></div><div><div>Device</div><div>RS232 1</div></div><div><div>NMEA Version</div><div>4.0 (extended)</div></div><div><div>Use a defined talker ID</div><div><input type="checkbox"/></div></div><div><div>Messages to be streamed (local coordinates will be computed using the coordinate system on the GS)</div><div>-----</div></div><div><div>OK</div><div>Messages</div><div>Device</div></div></div>	Press F2 “Messages”
11	<div><div>NMEA Messages</div><div><div>GGA</div><div>Use No Rate ---- Output ----</div></div><div><div>GGK</div><div>Use No Rate ---- Output ----</div></div><div><div>GGK_PT</div><div>Use No Rate ---- Output ----</div></div><div><div>GGQ</div><div>Use No Rate ---- Output ----</div></div><div><div>GLL</div><div>Use No Rate ---- Output ----</div></div><div><div>GNS</div><div>Use No Rate ---- Output ----</div></div><div><div>Fn</div><div>OK</div><div>Edit</div><div>All</div><div>Use</div><div>Fn</div></div></div>	With GGA highlighted in GREEN , Press F3 “Edit” .
12	<div><div>NMEA Message to Send</div><div><div>Send the GGA message</div><div><input type="checkbox"/></div></div><div><div>OK</div></div></div>	Tick the box

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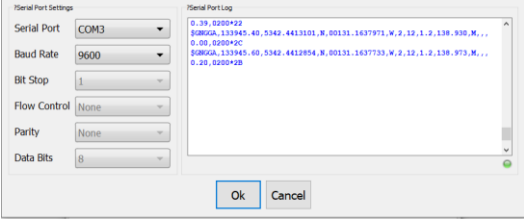
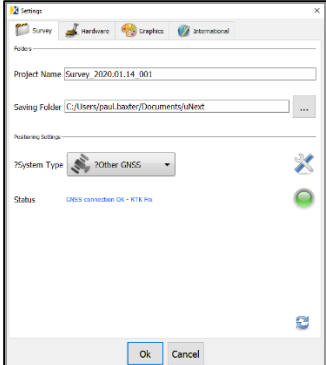
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17		Open uNext , Click on the Icon for “  Settings ”
18		The following window will appear. Set the “ ?System Type ” to “ ?Other GNSS ”
19		Click the  icon to enter the “ COM Ports settings ”.
20		Click on the “ Serial Port ” drop down menu and select the comport for the Bluetooth connection. Please note, on the Getac CT2000 “COM2” is the built in GPS and not the External GPS Antenna.

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21		<p>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.</p>
22		<p>Then hit “OK” to save the changes to the settings and return to the main menu.</p>

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