1. turn on tablet
2. stop at survey location
3. take tablet during foot transect
4. press **New report** at location of foot transect *this may be away from vehicle*
5. enter data
6. take photo (optional)
7. return to vehicle
8. put antenna on dashboard, connect cable and plug into cigarette lighter socket
9. turn engine on
10. press **Send & Save** *(transmission will start)*
11. drive to next survey stop *(no need to wait for transmission to finish)*
12. repeat steps 3-11
eLocust3 FAQs

• Battery
  – the battery will last up to **9-12 hours**
  – recharging the battery takes about **3 hours**

• Data transmission
  – the coordinates and time are set when **New Report** is opened, not when **Send & Save** is pressed
  – do *not* use special characters (";:|”) in the location name and photo comments
  – the antenna can be fixed on the dashboard inside the vehicle
  – it usually takes 1-2 minutes to send a report
  – at speeds of 100 KPH or more, it will take longer to send a report (so drive slower!)
  – you can send a report and continue driving; there is no need to wait for the report to be sent before driving
  – eLocust3 data is not compatible with RAMSESv3 or eLocust2Mapper
Troubleshooting - solving your own problems

• data is not being transmitted
  – make sure the antenna is activated for transmitting data
  – make sure all cables are connected properly:
    • unplug and detach all cables, then reattach them and plug them in securely
  – isolate the problem: is it the tablet, NOVASAT or the antenna:
    • try using a different antenna that you know works fine
    • try using a different NOVASAT cable that you know works fine
    • try using a different tablet that you know works fine
  – if problems persist, send the log file (/sdcard/fao/log.txt) to FAO DLIS
  – if there is a problem with the tablet, do a Factory data reset (Settings - Backup & reset); all data will be lost and eLocust3, Android's GPS, and the Data and Map apps will need to be reinstalled from the external SD card
Troubleshooting - solving your own problems

• the tablet does not start
  – make sure the battery is charged:
    • plug the tablet into a power source (vehicle cigarette lighter or main AC)
  – press and hold the **POWER** button on the tablet until it restarts
  – the tablet may have become too hot:
    • move to a cooler place and wait about 30 minutes before turning on

• the tablet display is black
  – make sure the battery is charged:
    • plug the tablet into a power source (vehicle cigarette lighter or main AC)
  – press the **POWER** button once:
    • if the tablet was in sleep mode, the home page with time and lock should appear after about 5 seconds (*press the power button only once!*)
    • if the tablet was off, then the battery indicator will flash green 3 times and the tablet will eventually start up after a few minutes
Troubleshooting - solving your own problems

• the tablet cannot find the antenna by BT

  – make sure the NOVASAT cable is plugged into the cigarette lighter socket, the vehicle engine (power) is on and the NOVASAT red light is on

  – a message may appear asking you for a PIN:
    • ignore the message and it will go away and the tablet should connect by BT

  – the antenna was changed:
    • the tablet may be trying to connect to the old antenna by BT (Bluetooth)
    • go to tablet Settings - Bluetooth, tap the paired icon to the right of NOVASAT and unpair
    • turn off BT, then turn on BT and tap Search for Devices: no devices should be listed
    • plugin NOVASAT cable to cigarette lighter socket
    • go to tablet Settings - turn on Bluetooth and tap Search for Devices: the new NOVASAT should be listed, tap to pair (no PIN required, just ignore)
    • try to send eLocust3 report (if eLocust3 app quits, restart it)
Troubleshooting - solving your own problems

• the tablet cannot find the GPS
  – open the Dashboard and disable/enable the GPS
  – open Androits GPS app to check if satellites are visible and the correct coordinates are present

• using many tablets with only one antenna
  – make sure only one tablet is within range of the antenna; turn off the other tablets completely (not sleep mode)
  – send all the reports with the first tablet, then turn it off completely after all reports have been sent
  – turn on the second tablet and send all the reports, then turn it off completely after all reports have been sent
  – repeat for the other tablets
Troubleshooting - solving your own problems

• where is the French keyboard?
  – in eLocust3 New Report, tap on Location Field so that keyboard appears
  – tap on the Setting key 📦 (bottom left corner of keyboard under Shift key)
  – Input languages: untick *Use system language*, tick *English (US) & French* (untick all others), press Return
  – when you want to type in French, press & hold the Setting key 📦 so that a small window appears, highlight French (blue dot)

• where is the Arabic keyboard?
  – it is not possible to enter Arabic characters (for location name and photo comments)
Troubleshooting - solving your own problems

• how can I see where I touch the tablet screen?
  – open Settings of the tablet (not eLocust3) - Developer options and tick Show touches under User Interface
  
  Note: this can be useful when using eLocust3 3D

• how do I take a screenshot of the tablet display?
  – press and hold USER button, then press MENU button within 1 second
  – the screenshot will be saved in /sdcard/Pictures/Screenshots

• the tablet is frozen and stuck
  – press and hold POWER + MENU buttons until the tablet shuts down
  – press the POWER button to turn on the tablet
  – if the tablet does not turn on, then press and hold the POWER button until it restarts