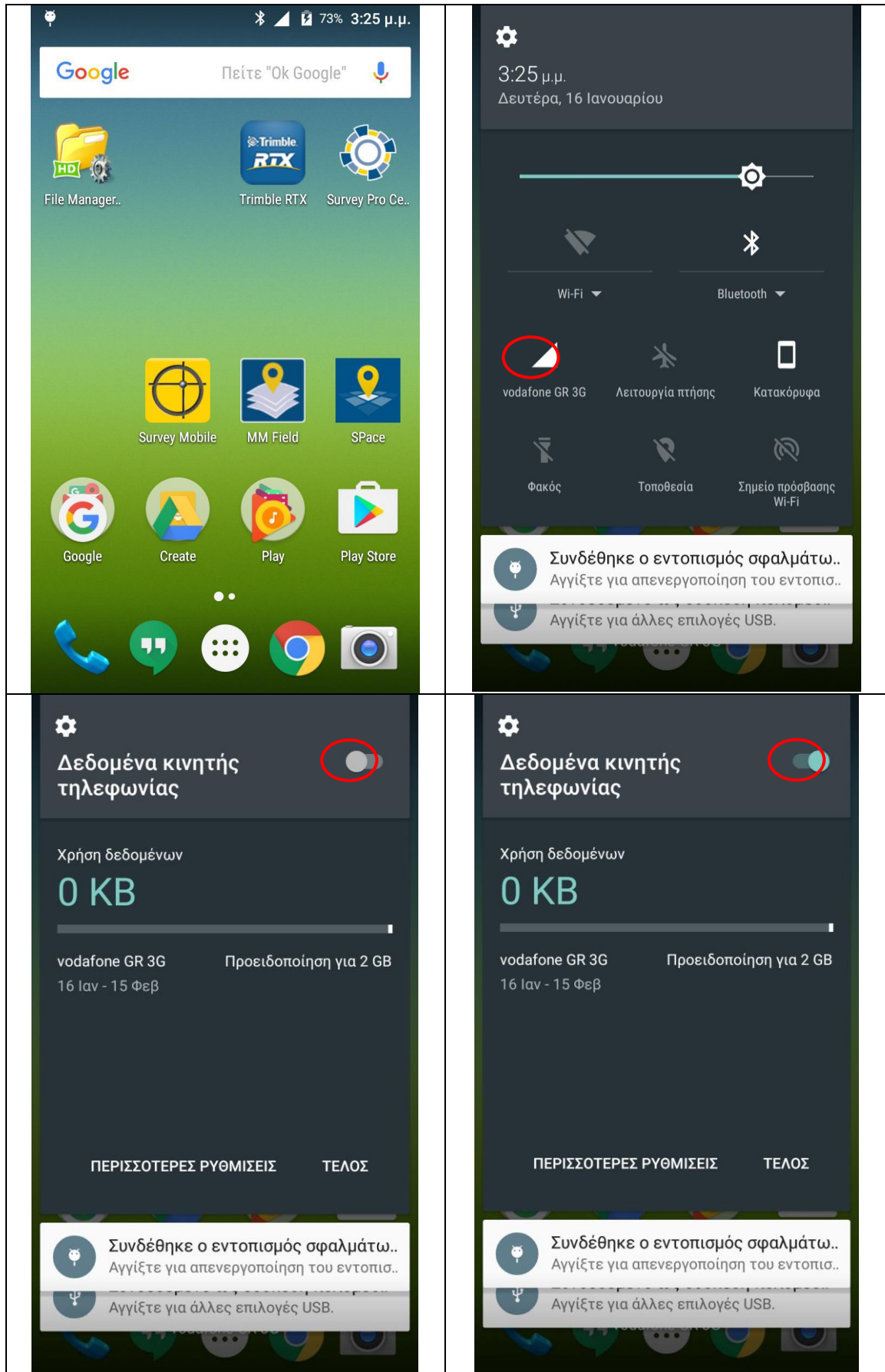
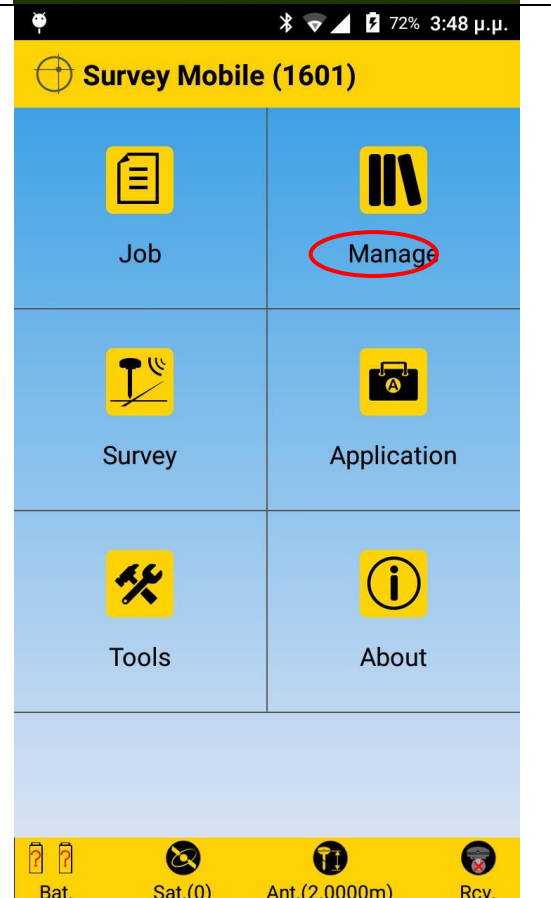
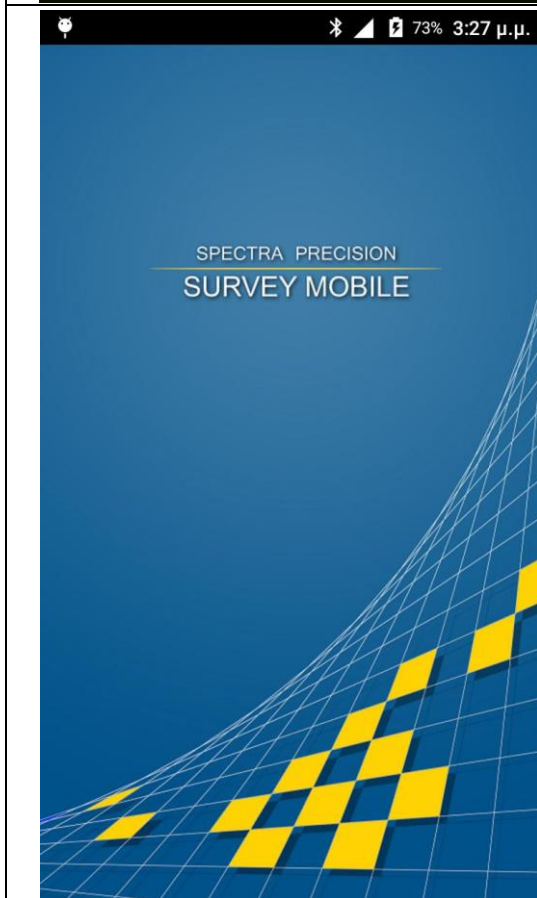
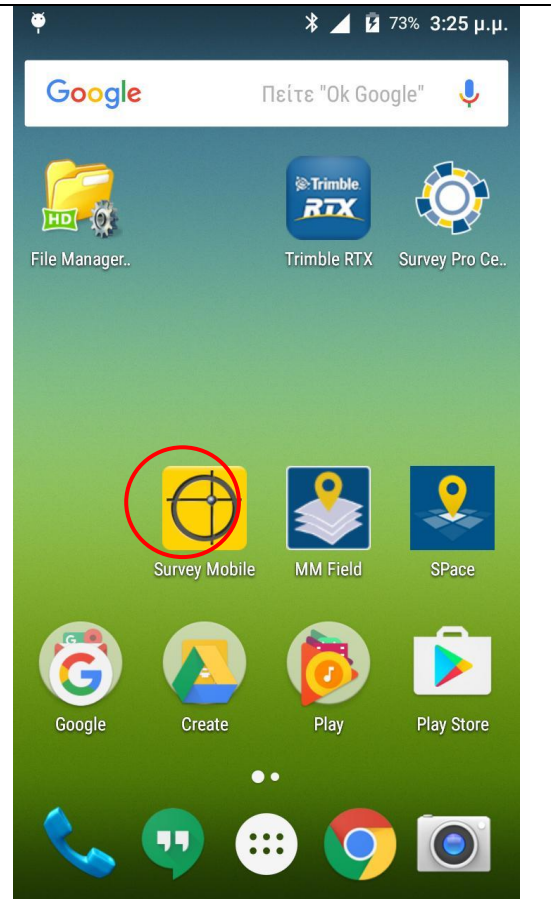
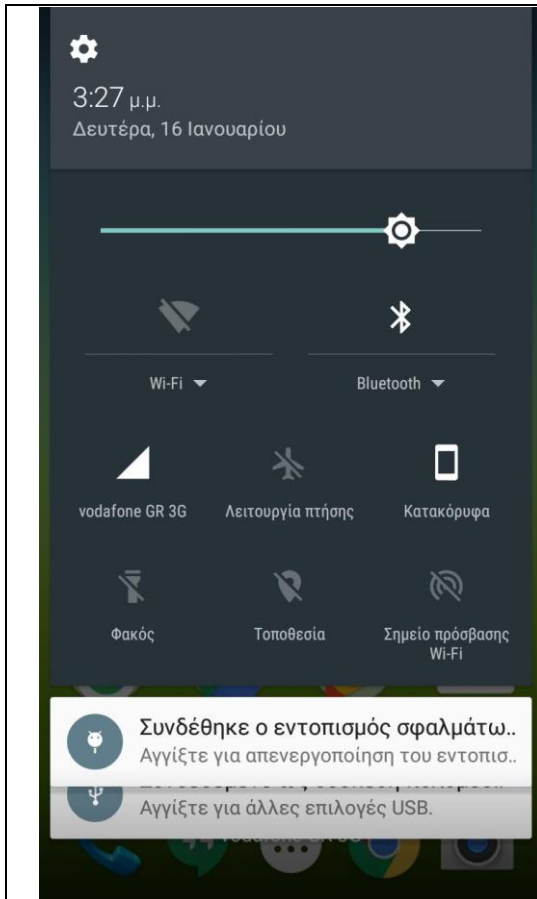
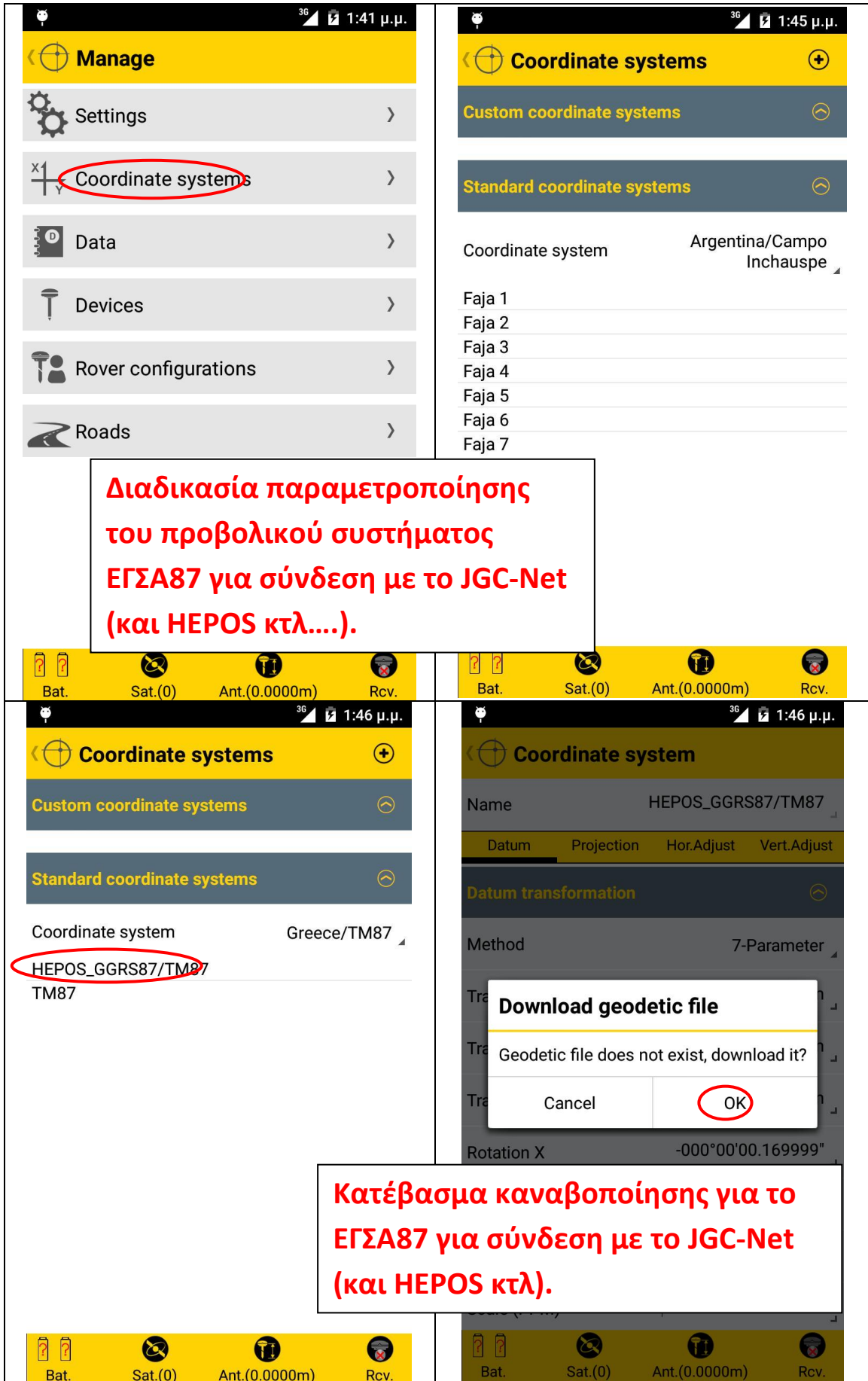


## Μέτρηση (και αρχικές ρυθμίσεις) με SP80 ή SP60 για RTK σύνδεση στο JGC-Net με το Survey Mobile

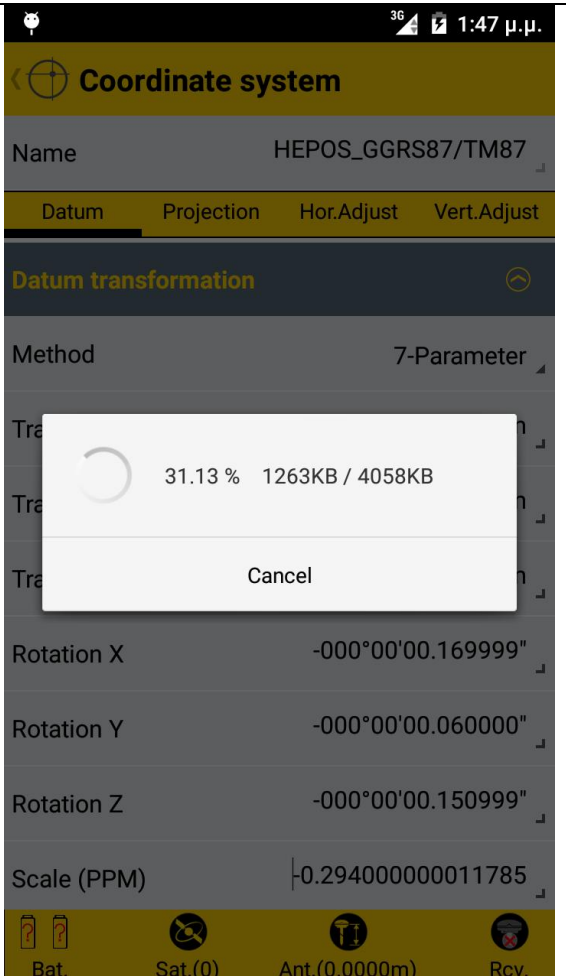
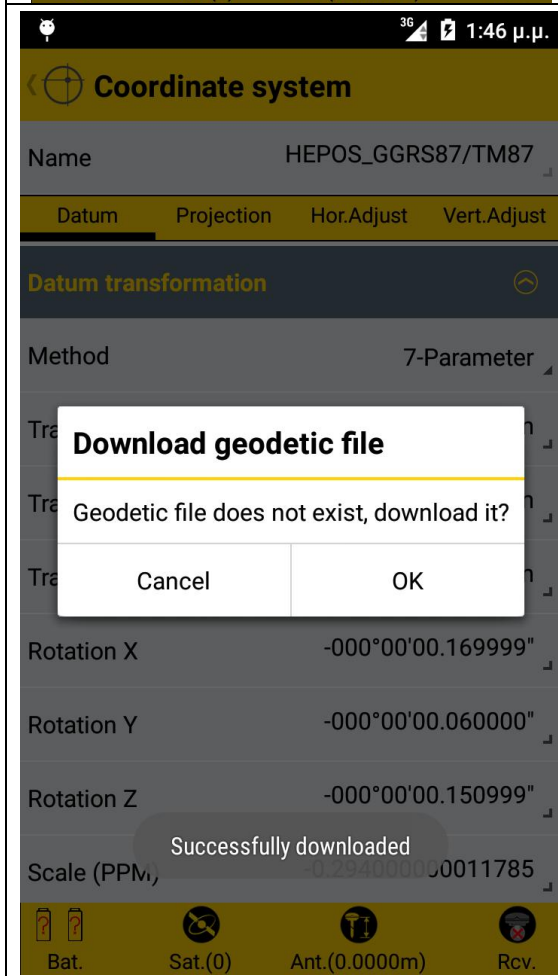
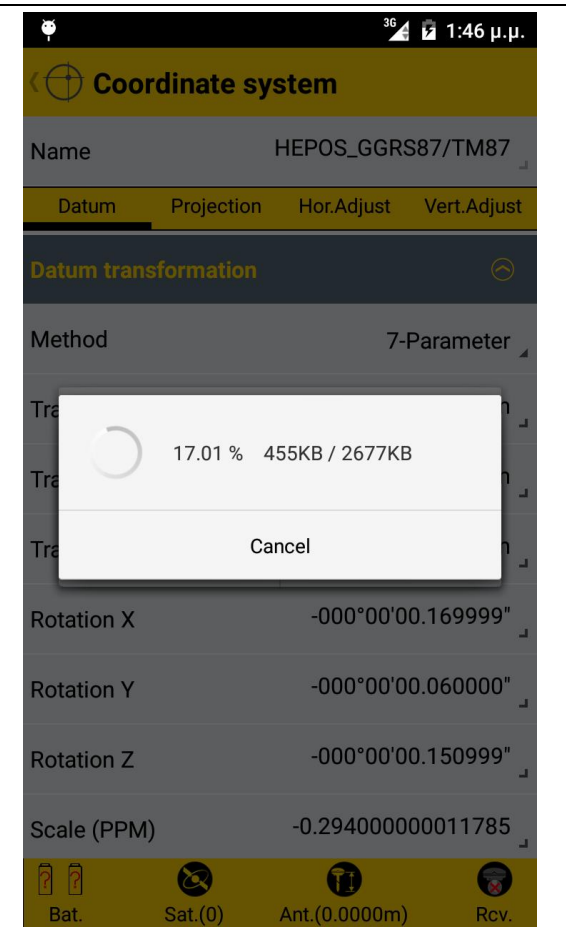
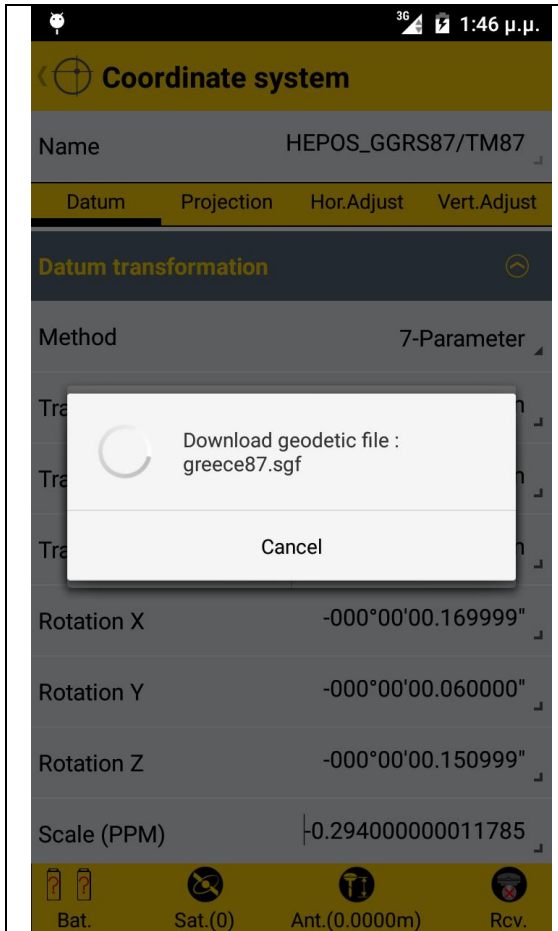


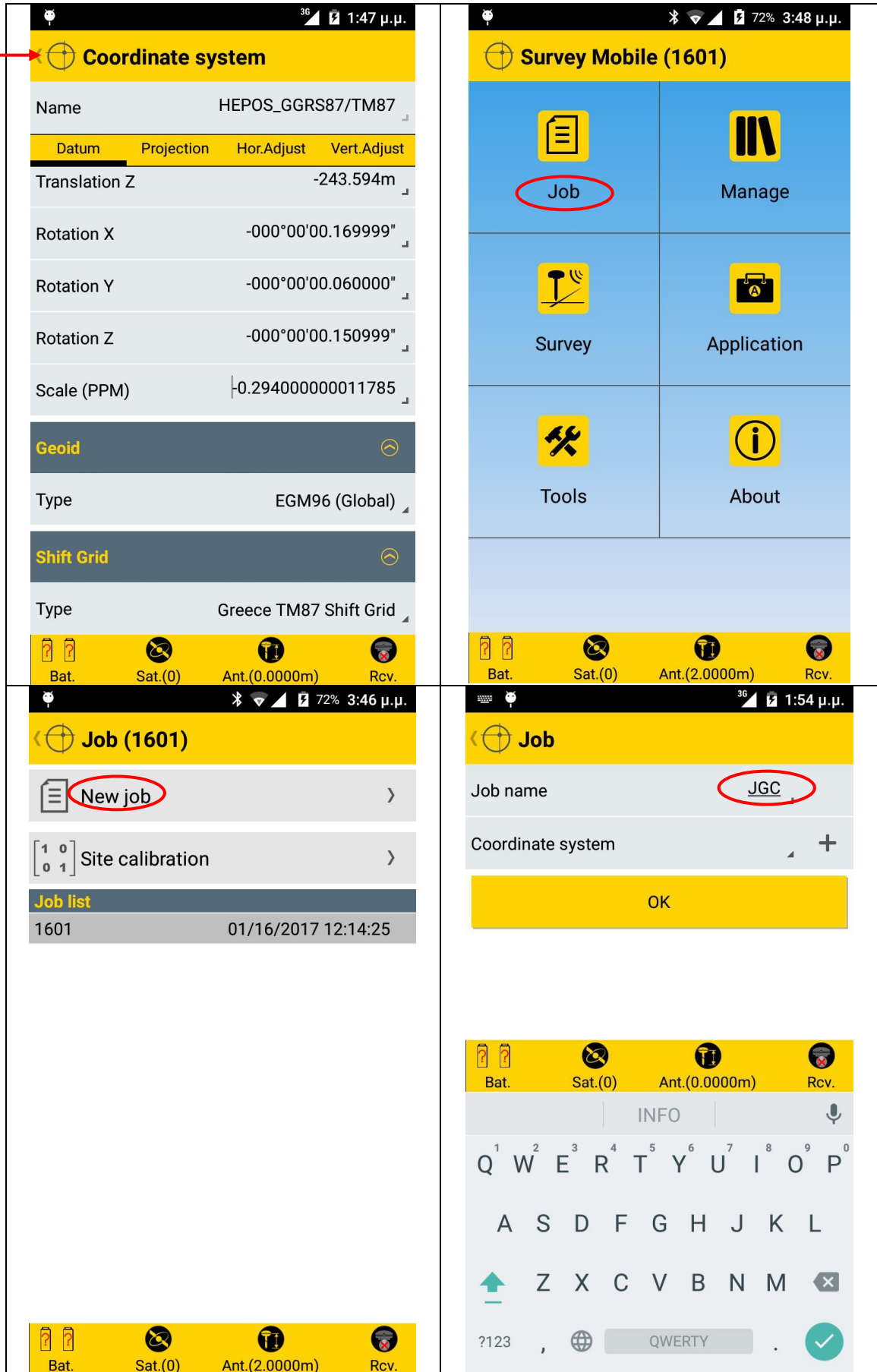




**Διαδικασία παραμετροποίησης του προβολικού συστήματος ΕΓΣΑ87 για σύνδεση με το JGC-Net (και HEPOS κτλ....).**

**Κατέβασμα καναβοποίησης για το ΕΓΣΑ87 για σύνδεση με το JGC-Net (και HEPOS κτλ).**





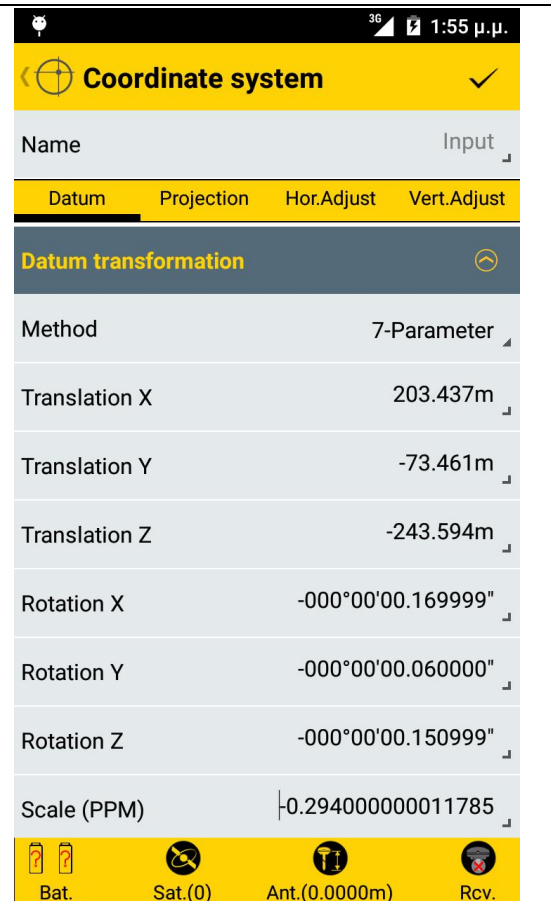
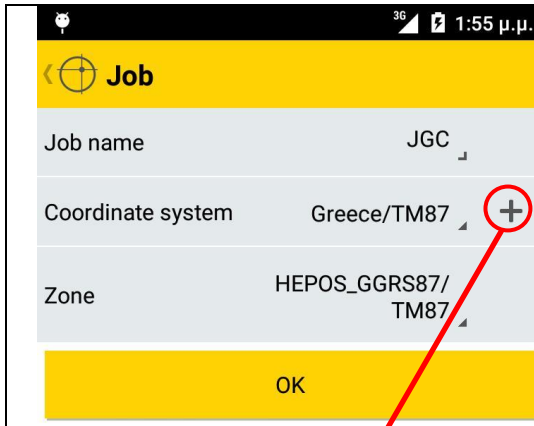
The image displays four sequential screenshots of the Survey Mobile application interface:

- Top Left Screenshot:** Shows the 'Coordinate system' settings screen. A red arrow points to the coordinate system icon. The settings include:
 

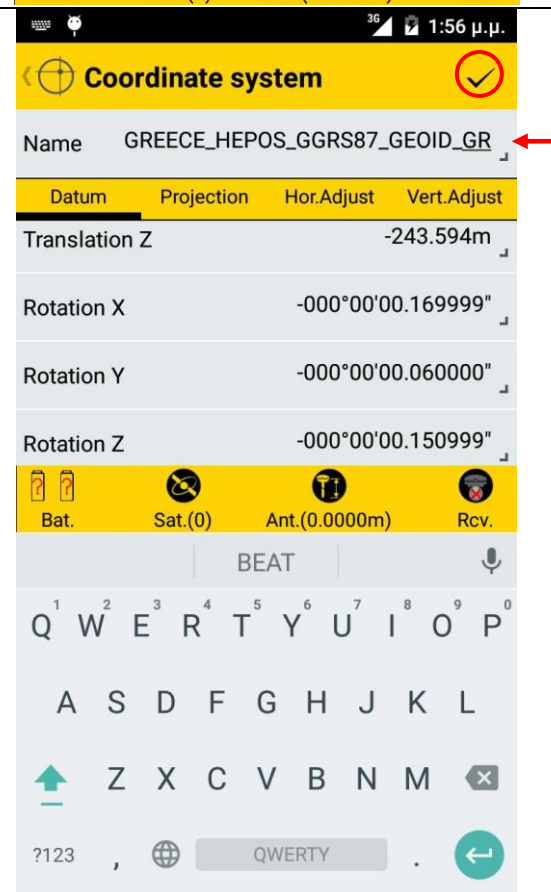
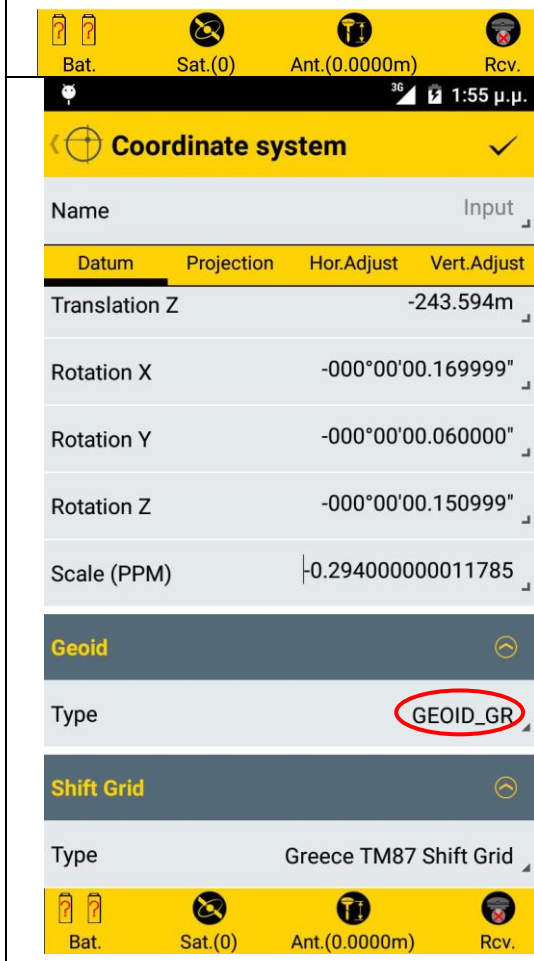
| Name          | HEPOS_GGRS87/TM87  |
|---------------|--------------------|
| Datum         |                    |
| Projection    |                    |
| Hor.Adjust    |                    |
| Vert.Adjust   |                    |
| Translation Z | -243.594m          |
| Rotation X    | -000°00'00.169999" |
| Rotation Y    | -000°00'00.060000" |
| Rotation Z    | -000°00'00.150999" |
| Scale (PPM)   | -0.294000000011785 |

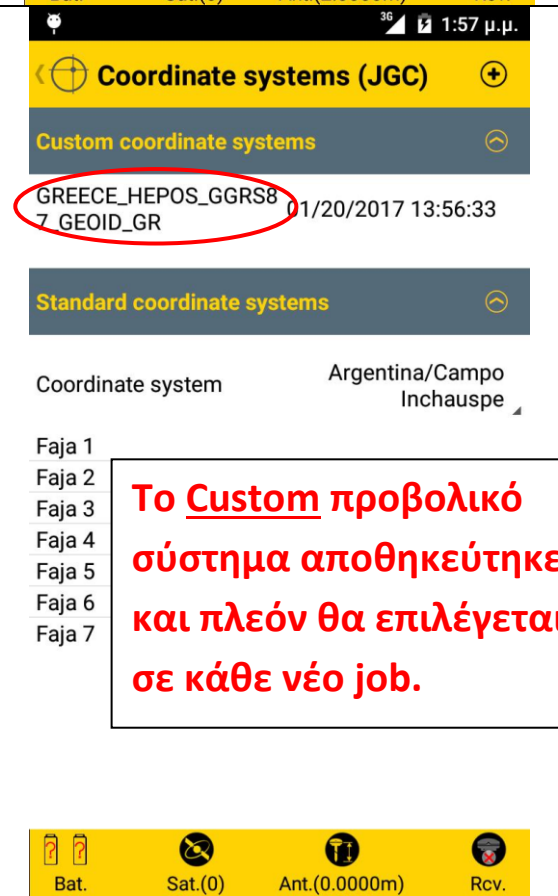
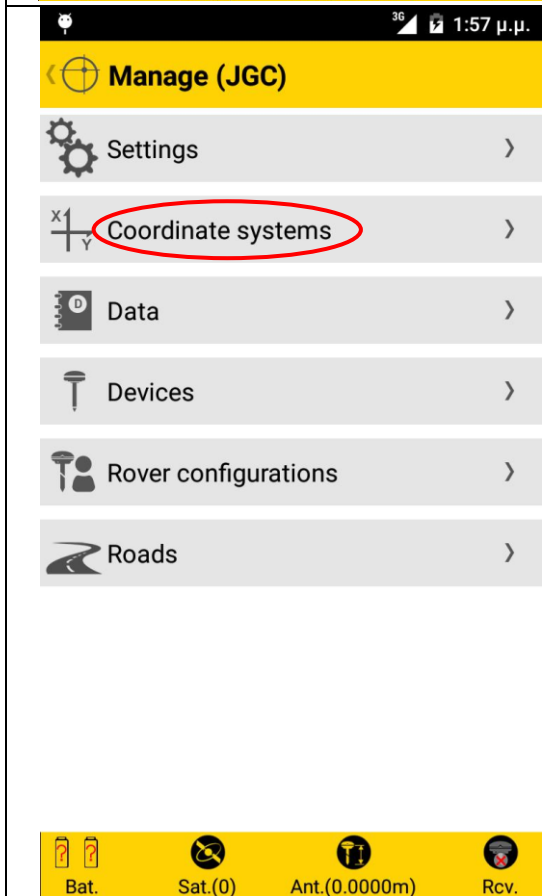
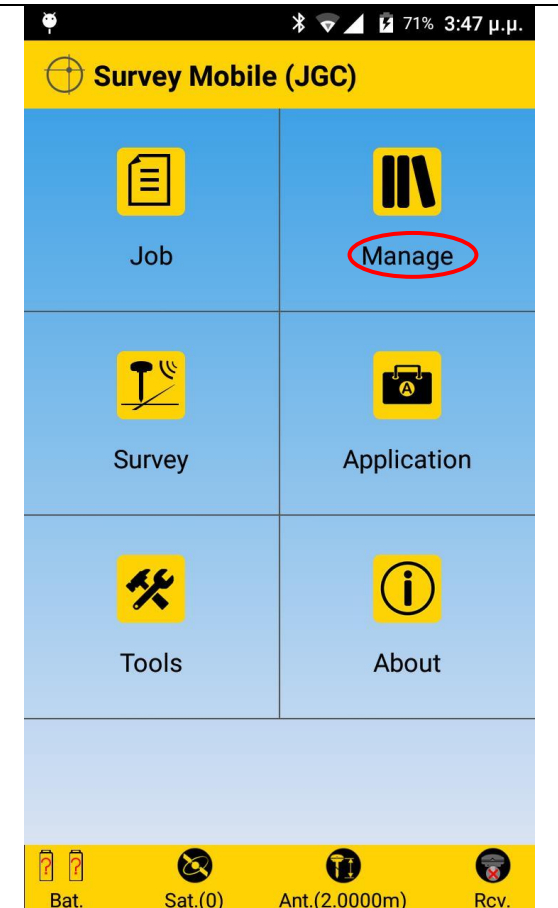
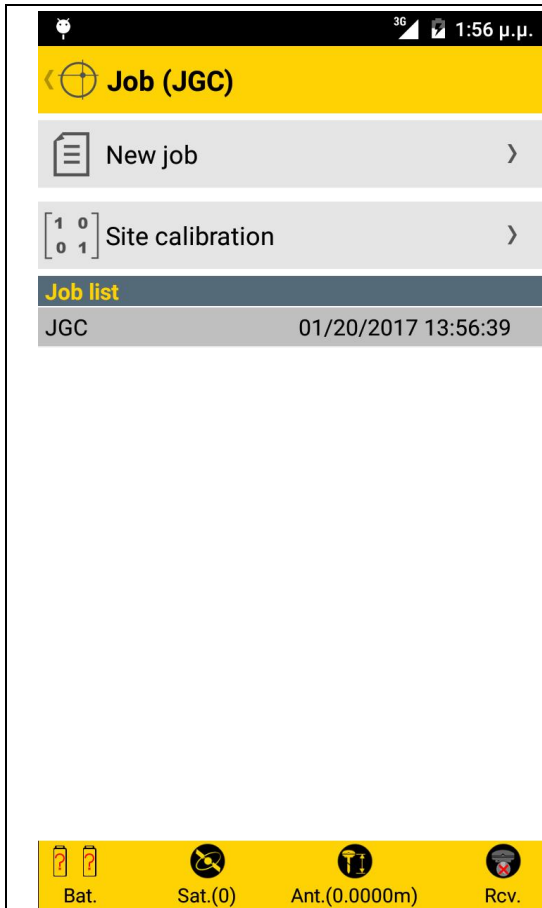
 Below this are sections for 'Geoid' (Type: EGM96 (Global)) and 'Shift Grid' (Type: Greece TM87 Shift Grid).
- Top Right Screenshot:** Shows the main 'Survey Mobile (1601)' menu. The 'Job' option is circled in red. Other options include 'Manage', 'Survey', 'Application', 'Tools', and 'About'. The bottom status bar shows: Bat., Sat.(0), Ant.(2.0000m), Rcv.
- Bottom Left Screenshot:** Shows the 'Job (1601)' screen. The 'New job' option is circled in red. Below it is 'Site calibration' and a 'Job list' table:
 

| Job list                                      |
|---|
| 1601                      01/16/2017 12:14:25 |
- Bottom Right Screenshot:** Shows the 'Job' details screen. The 'Job name' field contains 'JGC' and is circled in red. Below it is the 'Coordinate system' field with a plus sign. An 'OK' button is at the bottom. A keyboard is visible at the bottom of the screen.

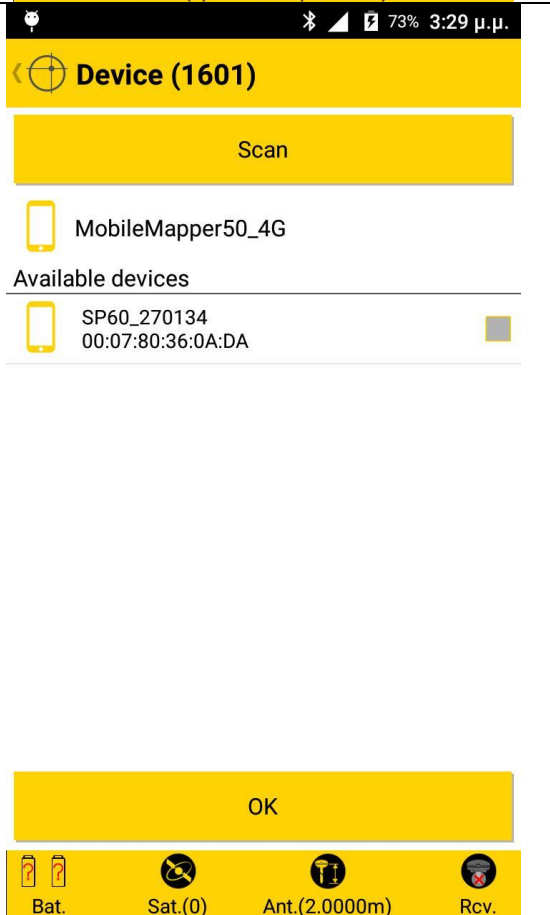
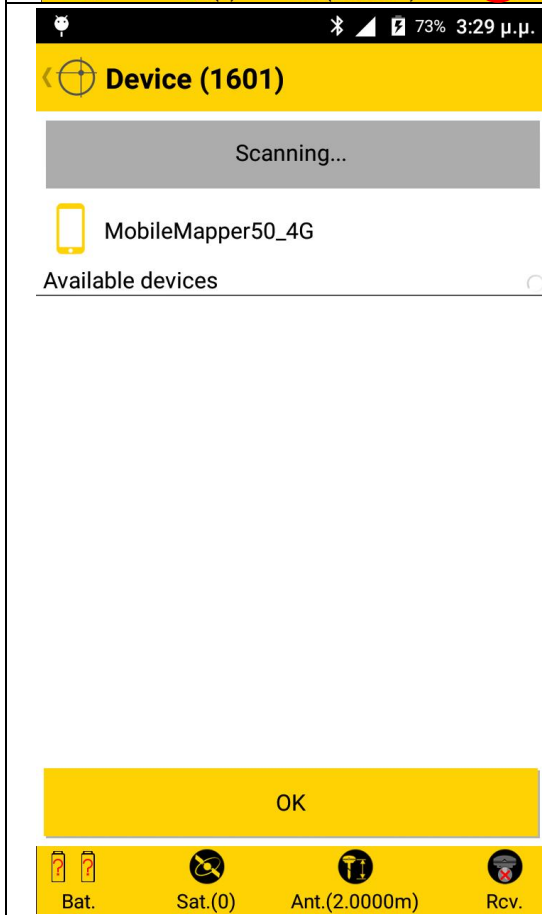
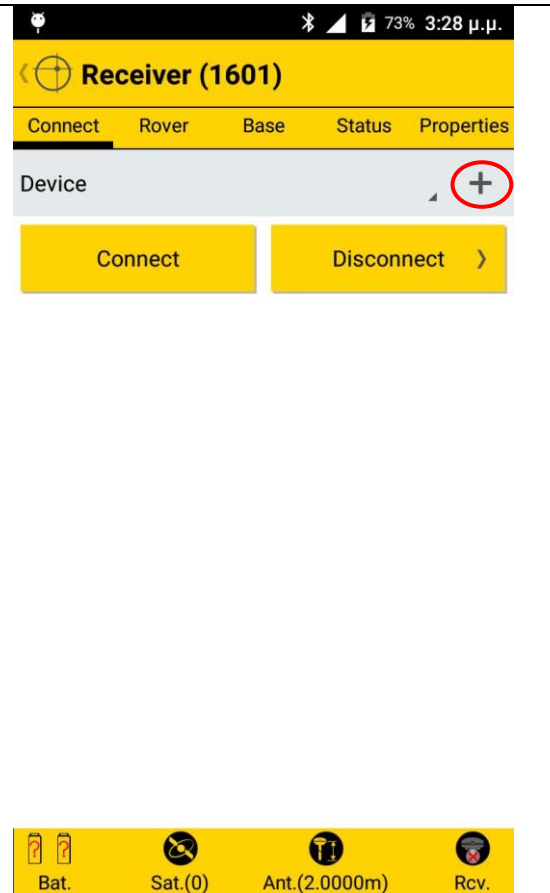
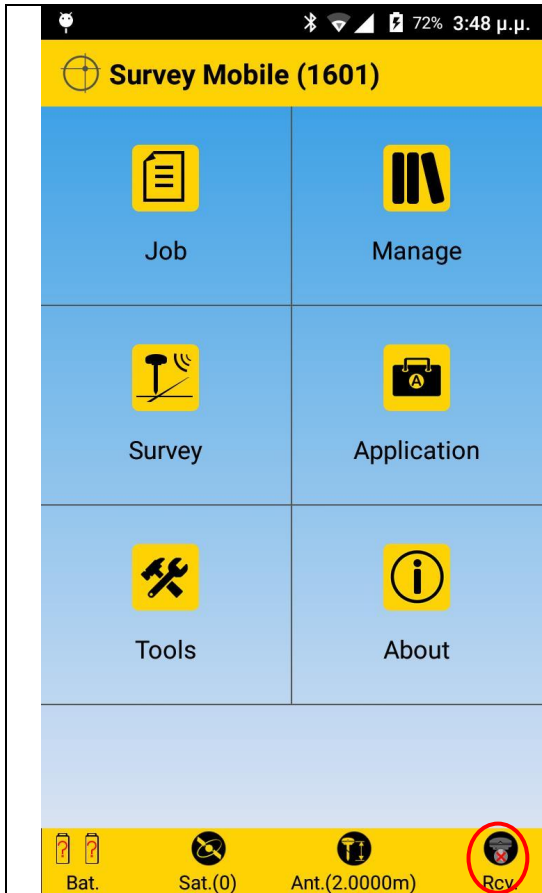


**Διαδικασία πρόσθεσης του μοντέλου γεωειδούς της Κτηματολόγιο Α.Ε. (HEPOS\_TT) και αποθήκευση του νέου προβολικού συστ. ως Custom και έτσι ώστε να επιλέγεται κατευθείαν κάθε φορά.**





**Το Custom προβολικό σύστημα αποθηκεύτηκε και πλέον θα επιλέγεται σε κάθε νέο job.**

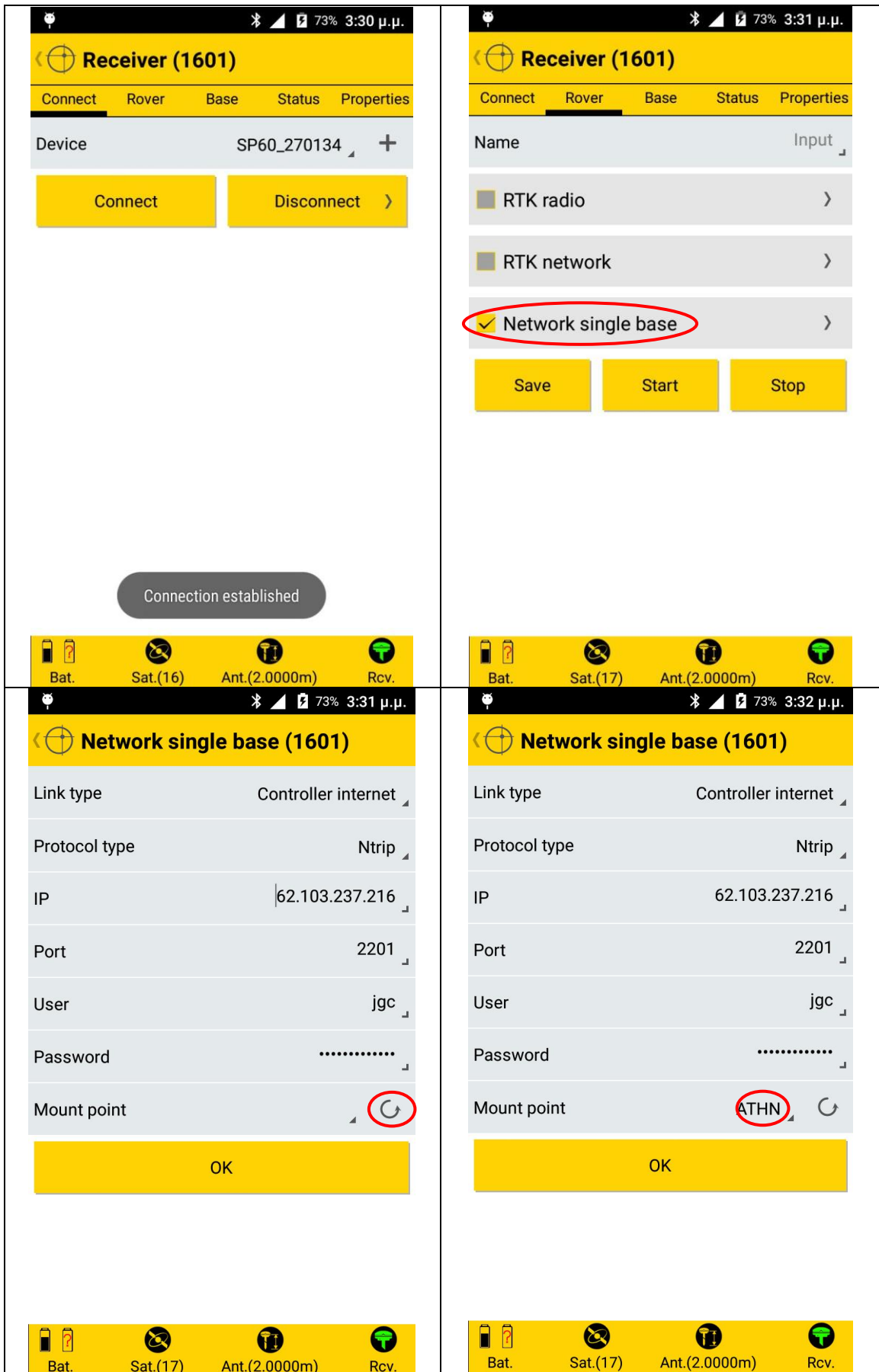




The image displays four sequential screenshots of a mobile application interface, arranged in a 2x2 grid, illustrating the connection process for a receiver device.

- Top-Left Screenshot:** The screen is titled "Device (1601)". It features a yellow "Scan" button. Below it, the device "MobileMapper50\_4G" is listed. Under the "Available devices" section, the device "SP60\_270134" with MAC address "00:07:80:36:0A:DA" is shown with a red checkmark icon next to it.
- Top-Right Screenshot:** The screen is titled "Receiver (1601)". It shows a tabbed interface with "Connect" selected. The device "SP60\_270134" is selected. A red circle highlights the "Connect" button.
- Bottom-Left Screenshot:** The screen is titled "Receiver (1601)". The "Connect" button is highlighted in a dark grey color, and a white dialog box with a loading spinner and the text "Connecting..." is displayed in the center.
- Bottom-Right Screenshot:** The screen is titled "Receiver (1601)". The "Connect" button is now yellow, and a grey button with the text "Receiver is ready" is visible at the bottom.

Each screenshot includes a status bar at the top showing battery level (73% or 72%) and time (3:29 μ.μ. or 3:30 μ.μ.), and a bottom navigation bar with icons for "Bat.", "Sat.(0)", "Ant.(2.0000m)", and "Rcv.".



The image displays four sequential screenshots of a mobile application interface for configuring a receiver (Receiver 1601).

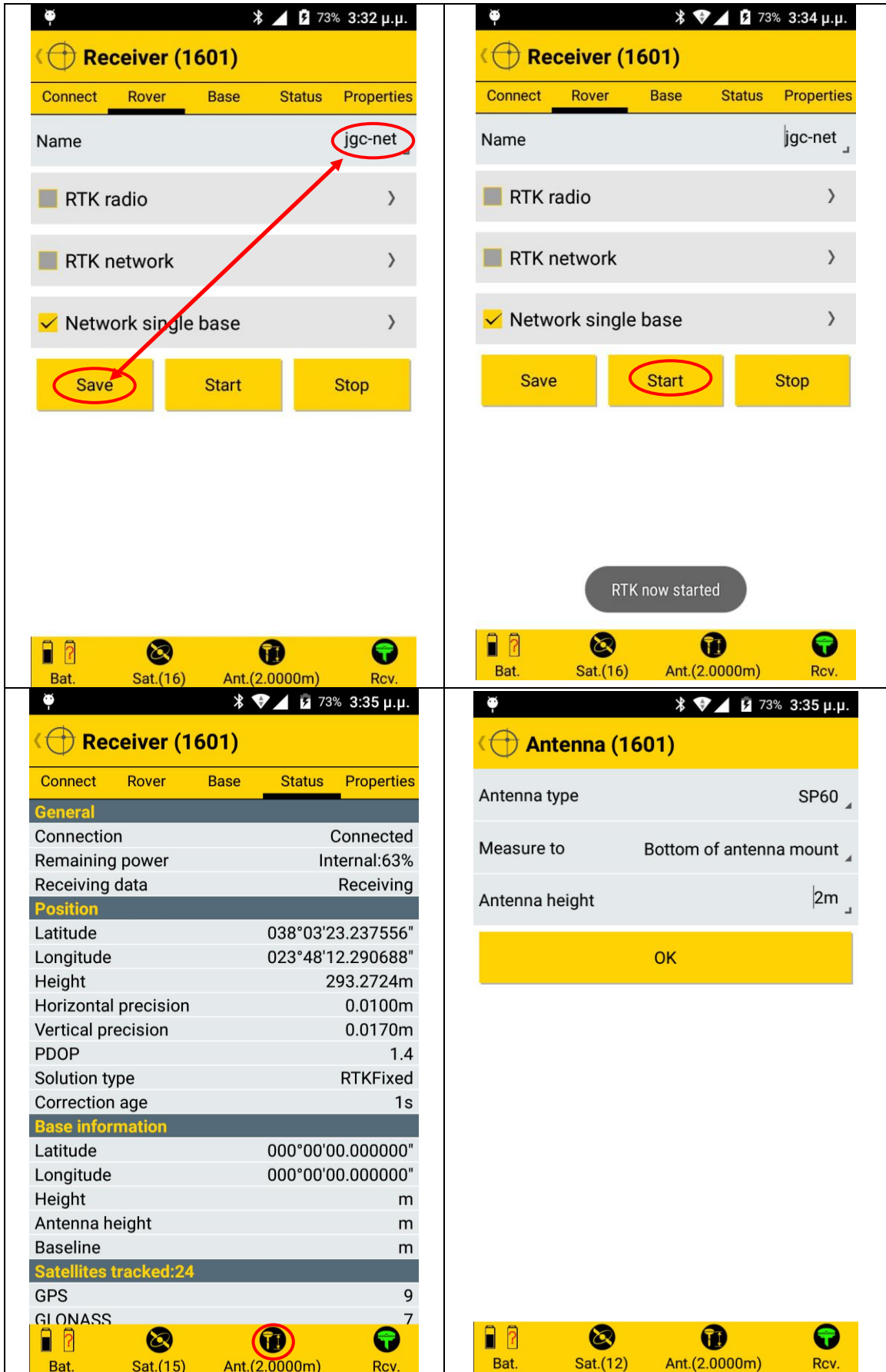
**Screenshot 1 (Top Left):** Shows the 'Receiver (1601)' screen with the 'Rover' tab selected. The device is identified as 'SP60\_270134'. There are 'Connect' and 'Disconnect' buttons.

**Screenshot 2 (Top Right):** Shows the 'Receiver (1601)' screen with the 'Rover' tab selected. The 'Network single base' option is checked and circled in red. There are 'Save', 'Start', and 'Stop' buttons.

**Screenshot 3 (Bottom Left):** Shows a 'Connection established' notification. Below it, a status bar displays: Bat., Sat.(16), Ant.(2.0000m), Rcv.

**Screenshot 4 (Bottom Right):** Shows the 'Network single base (1601)' configuration screen. The 'Mount point' is set to 'ATHN' and circled in red. There is an 'OK' button.

At the bottom of the screenshots, a status bar displays: Bat., Sat.(17), Ant.(2.0000m), Rcv.



The image displays four screenshots from a mobile application, arranged in a 2x2 grid, showing the configuration and status of an RTK receiver.

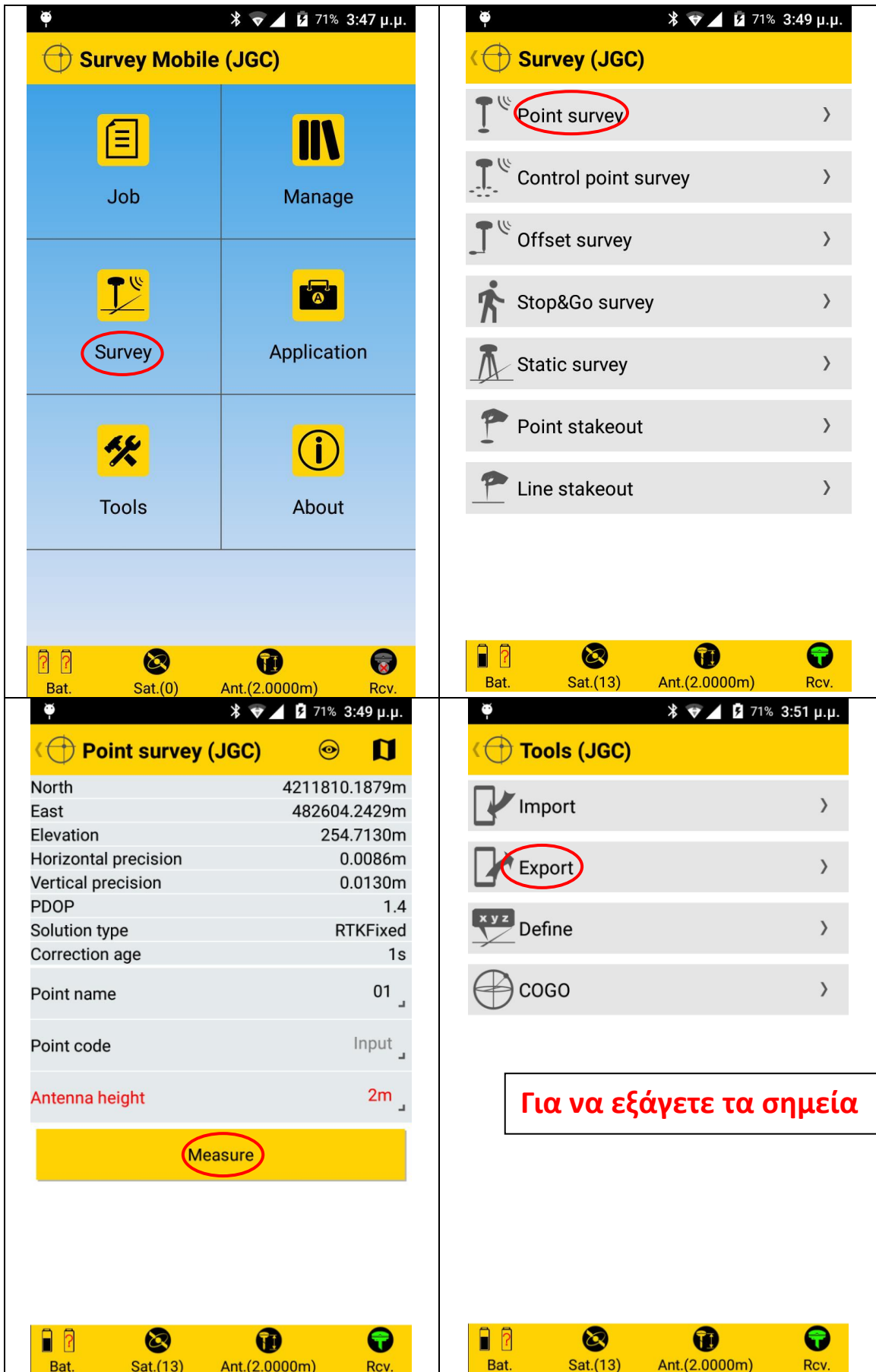
**Top-Left Screenshot: Receiver (1601) - Rover Tab**  
 This screen shows the configuration for the Rover. The 'Name' field is set to 'jgc-net'. Below the configuration fields are three buttons: 'Save', 'Start', and 'Stop'. A red arrow points from the 'Save' button to the 'jgc-net' text in the Name field.

**Top-Right Screenshot: Receiver (1601) - Rover Tab**  
 This screen is identical to the top-left one, but the 'Start' button is circled in red, indicating the next step in the process.

**Bottom-Left Screenshot: Receiver (1601) - Status Tab**  
 This screen shows the status of the receiver. It includes sections for 'General' (Connection: Connected, Remaining power: Internal:63%, Receiving data: Receiving), 'Position' (Latitude: 038°03'23.237556", Longitude: 023°48'12.290688", Height: 293.2724m, Horizontal precision: 0.0100m, Vertical precision: 0.0170m, PDOP: 1.4, Solution type: RTKFixed, Correction age: 1s), 'Base information' (Latitude: 000°00'00.000000", Longitude: 000°00'00.000000", Height: m, Antenna height: m, Baseline: m), and 'Satellites tracked:24' (GPS: 9, GLONASS: 7). The 'Ant.' icon in the bottom status bar is circled in red.

**Bottom-Right Screenshot: Antenna (1601)**  
 This screen shows the configuration for the antenna. The 'Antenna type' is 'SP60', 'Measure to' is 'Bottom of antenna mount', and 'Antenna height' is '2m'. An 'OK' button is visible at the bottom.

Between the top and bottom rows, a grey button labeled 'RTK now started' is visible, indicating that the receiver is now operational.



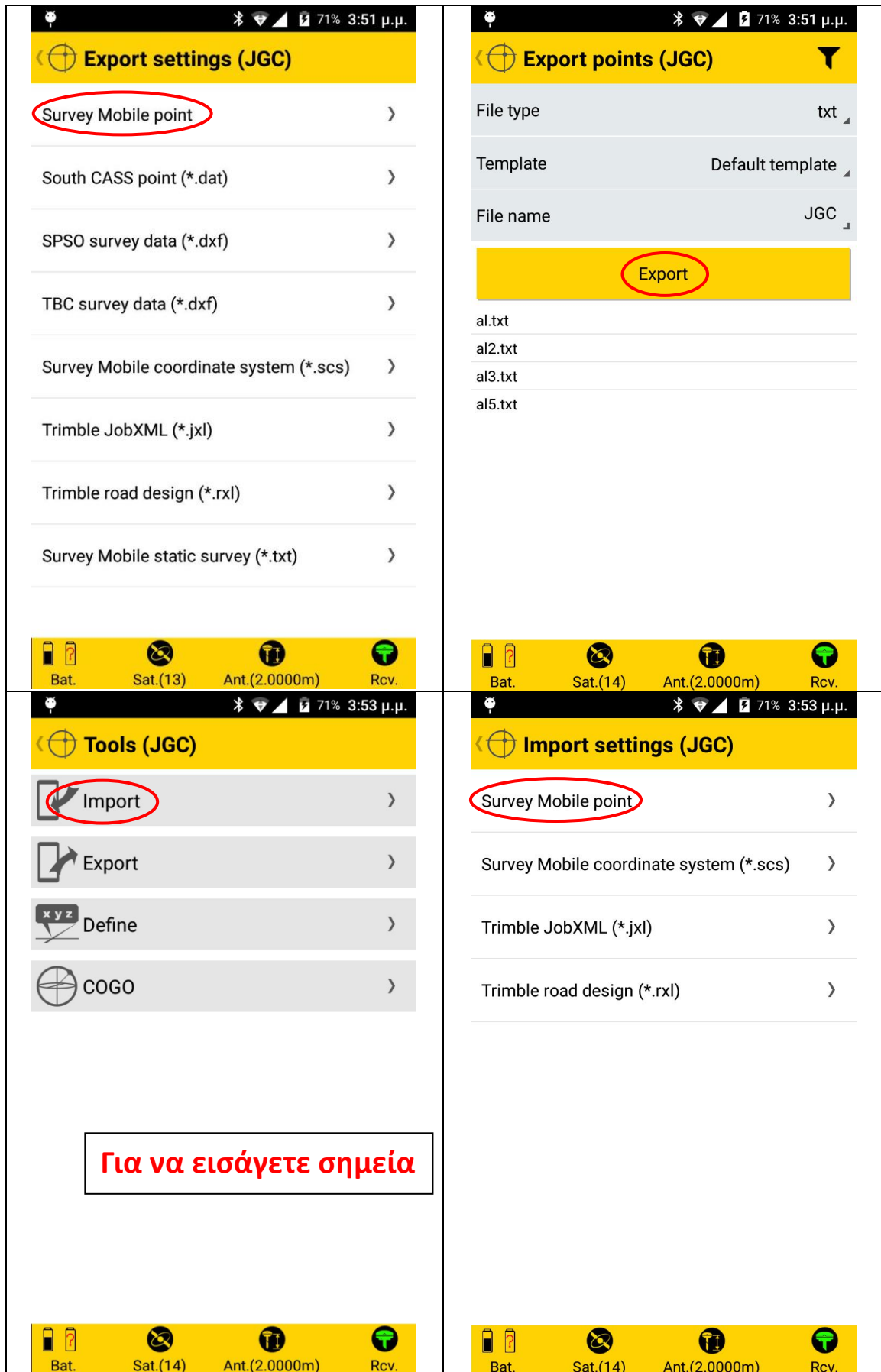
The screenshots show the following interface elements:

- Screenshot 1 (Top Left):** Main menu with options: Job, Manage, Survey (circled), Application, Tools, and About.
- Screenshot 2 (Top Right):** Survey (JGC) menu with options: Point survey (circled), Control point survey, Offset survey, Stop&Go survey, Static survey, Point stakeout, and Line stakeout.
- Screenshot 3 (Bottom Left):** Point survey (JGC) data screen showing:
 

|                      |               |
|----------------------|---------------|
| North                | 4211810.1879m |
| East                 | 482604.2429m  |
| Elevation            | 254.7130m     |
| Horizontal precision | 0.0086m       |
| Vertical precision   | 0.0130m       |
| PDOP                 | 1.4           |
| Solution type        | RTKFixed      |
| Correction age       | 1s            |
| Point name           | 01            |
| Point code           | Input         |
| Antenna height       | 2m            |

 A yellow "Measure" button is at the bottom, circled in red.
- Screenshot 4 (Bottom Right):** Tools (JGC) menu with options: Import, Export (circled), Define, and COGO.

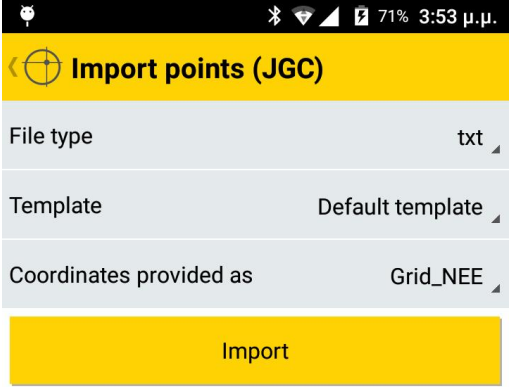
At the bottom of the bottom-right screenshot, there is a red text box containing the Greek phrase: **Για να εξάγετε τα σημεία** (To export the points).

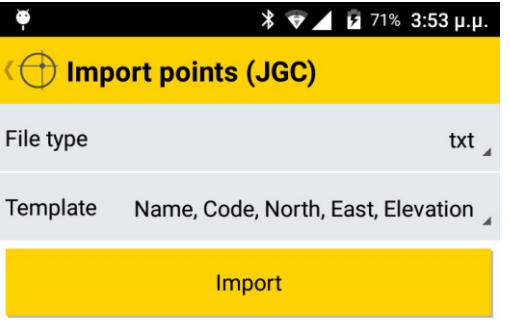


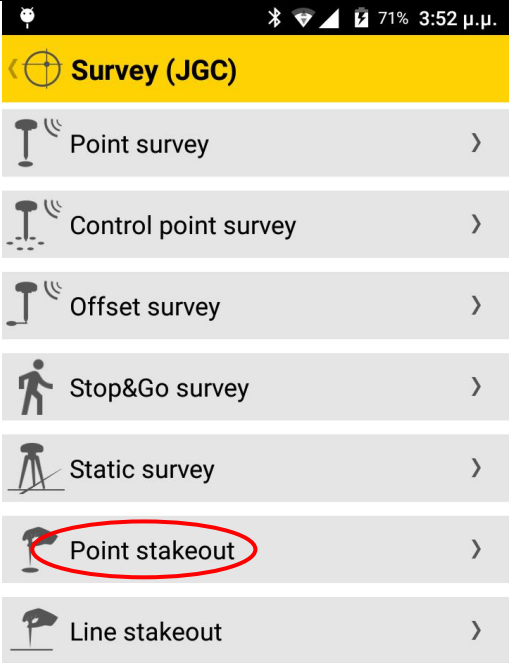
The image displays four screenshots of the JGC mobile application interface, arranged in a 2x2 grid. Each screenshot shows a different settings menu with a red circle highlighting a specific option.

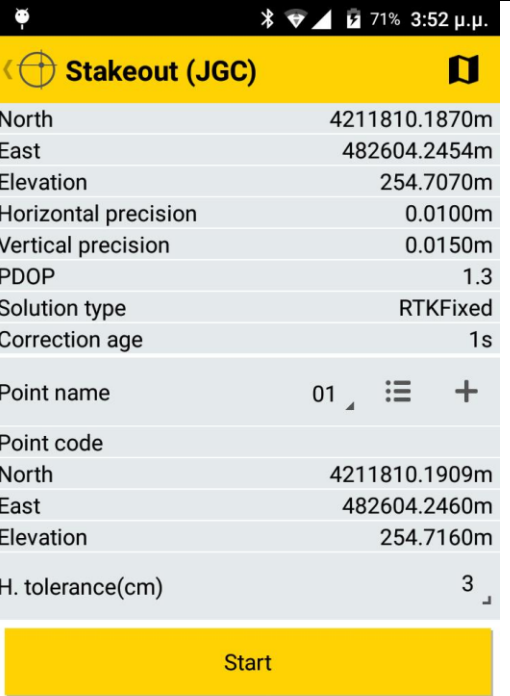
- Top Left Screenshot: Export settings (JGC)**
  - Highlighted option: **Survey Mobile point**
  - Other options: South CASS point (\*.dat), SPSO survey data (\*.dxf), TBC survey data (\*.dxf), Survey Mobile coordinate system (\*.scs), Trimble JobXML (\*.jxl), Trimble road design (\*.rxl), Survey Mobile static survey (\*.txt)
- Top Right Screenshot: Export points (JGC)**
  - Highlighted option: **Export**
  - Other options: File type (txt), Template (Default template), File name (JGC)
  - List of files: al.txt, al2.txt, al3.txt, al5.txt
- Bottom Left Screenshot: Tools (JGC)**
  - Highlighted option: **Import**
  - Other options: Export, Define, COGO
- Bottom Right Screenshot: Import settings (JGC)**
  - Highlighted option: **Survey Mobile point**
  - Other options: Survey Mobile coordinate system (\*.scs), Trimble JobXML (\*.jxl), Trimble road design (\*.rxl)

**Για να εισάγετε σημεία**

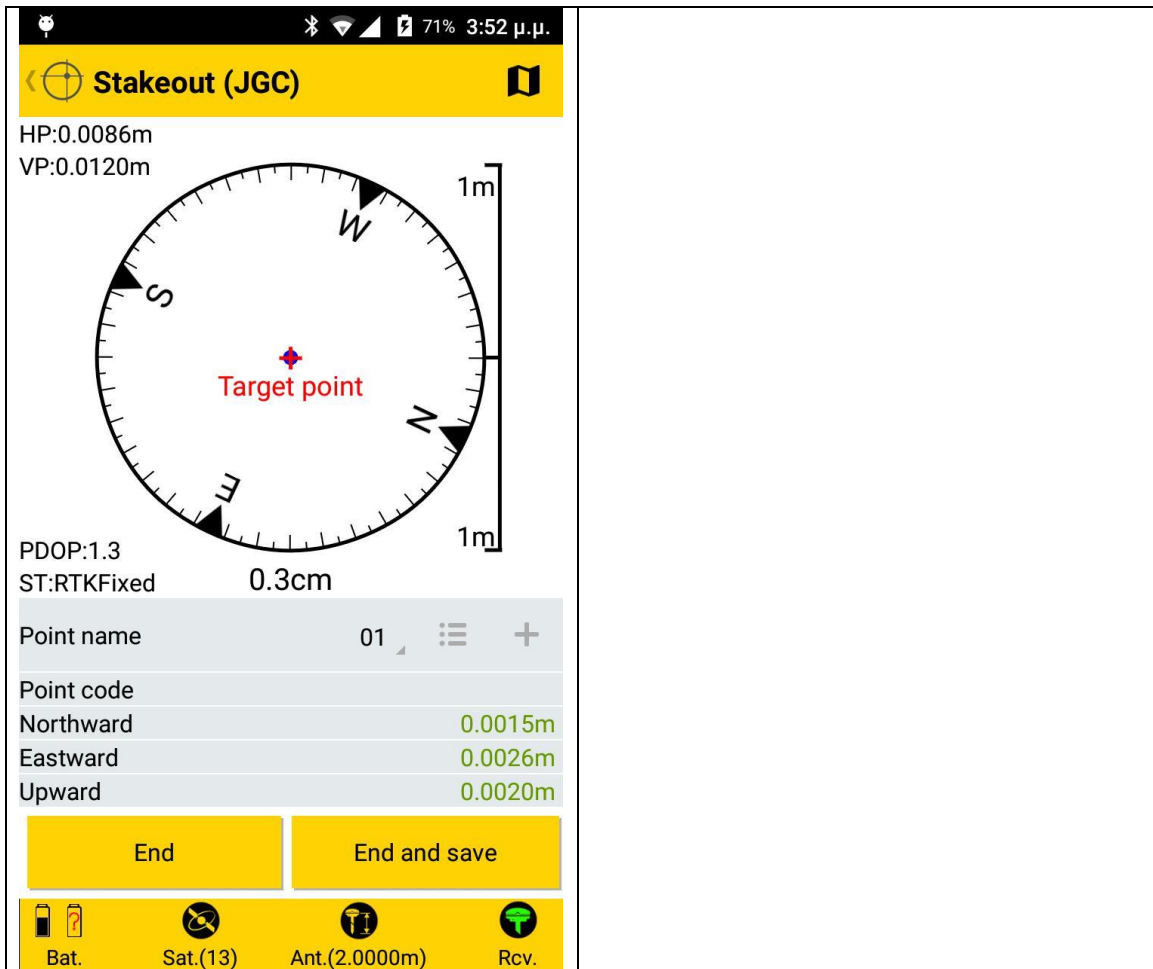








**Για να χαράξετε σημεία**



Stakeout (JGC)

HP:0.0086m  
 VP:0.0120m

PDOP:1.3  
 ST:RTKFixed

0.3cm

Point name 01

Point code

Northward 0.0015m

Eastward 0.0026m

Upward 0.0020m

End End and save

Bat. Sat.(13) Ant.(2.0000m) Rcv.