JGC ΣΥΣΤΗΜΑΤΑ ΓΕΩΠΛΗΡΟΦΟΡΙΚΗΣ Α.Ε.
ΠΑΝΑΓΗ ΤΣΑΛΔΑΡΗ 3Α ΚΑΙ ΑΡΙΣΤΕΙΔΟΥ ΜΑΡΟΥΣΙ 15122
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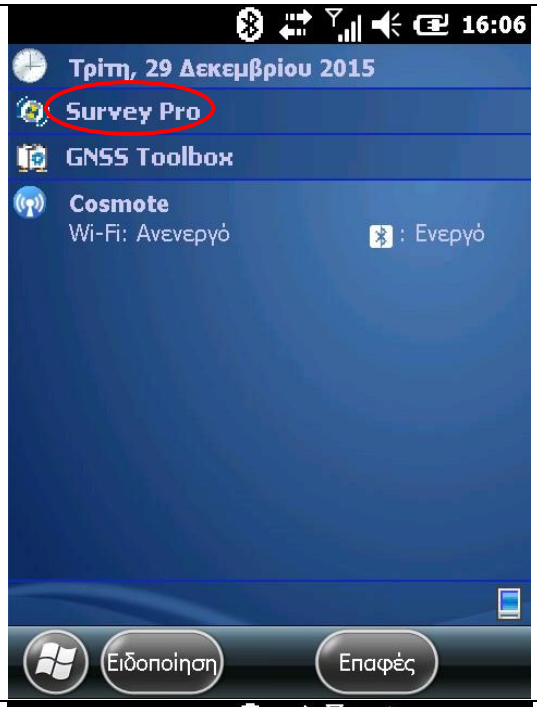
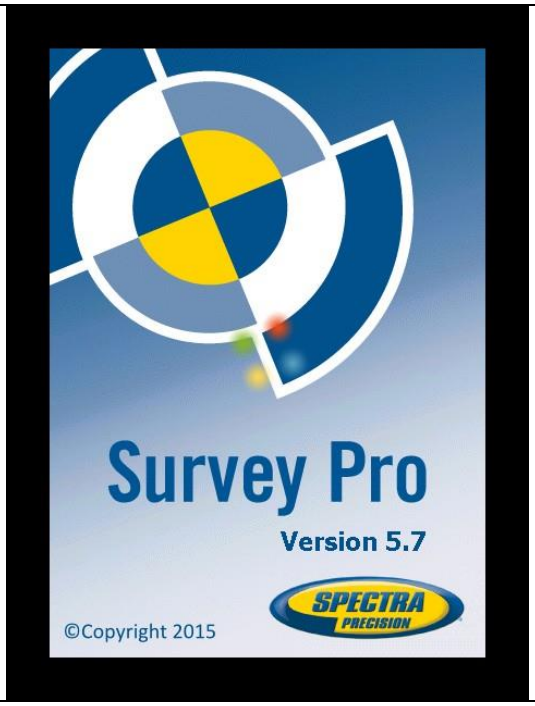
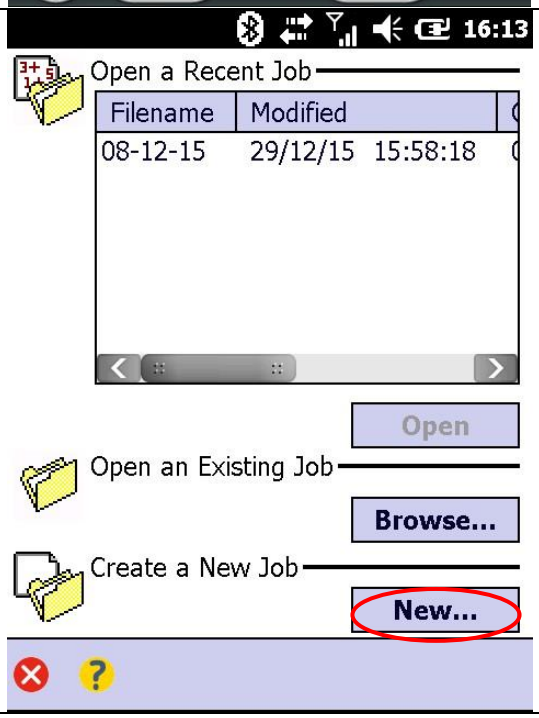
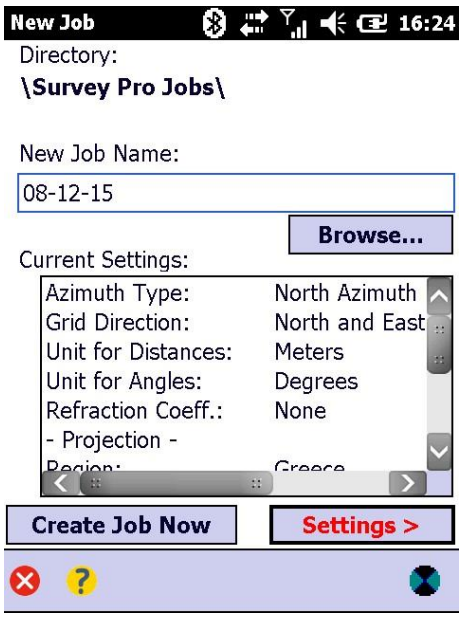
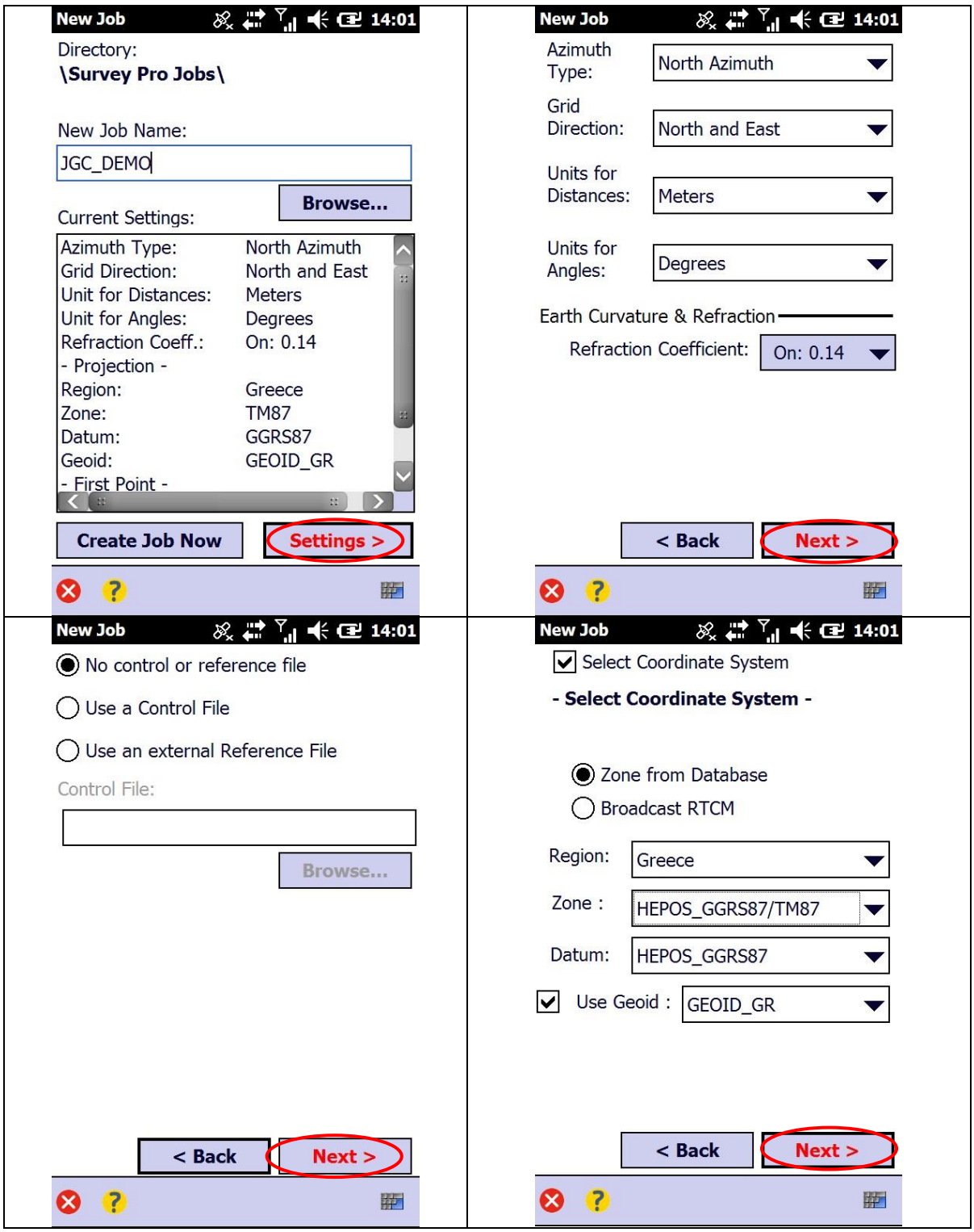
Μέτρηση (και αρχικές ρυθμίσεις) με SP80 ή SP60 για RTK σύνδεση στο JGC-Net με το Survey Pro GNSS

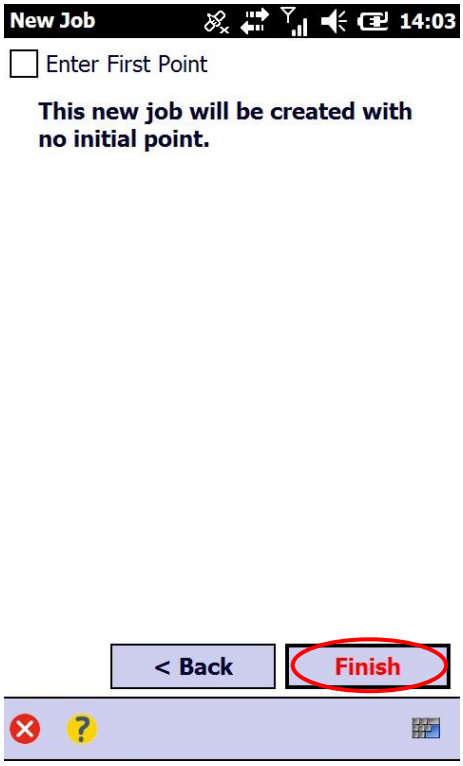


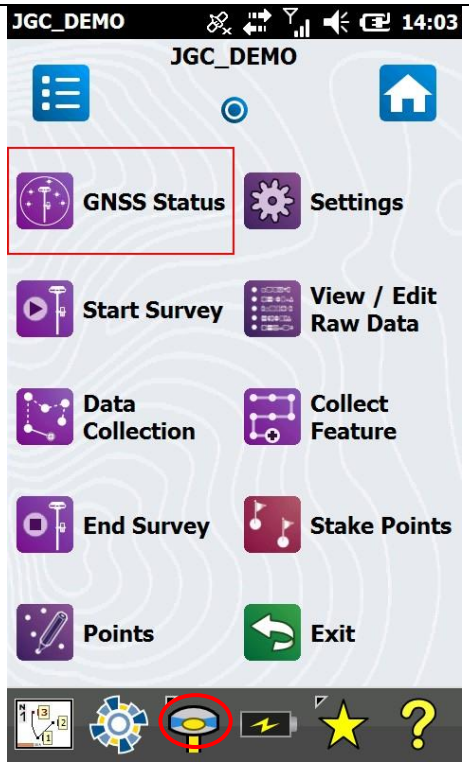


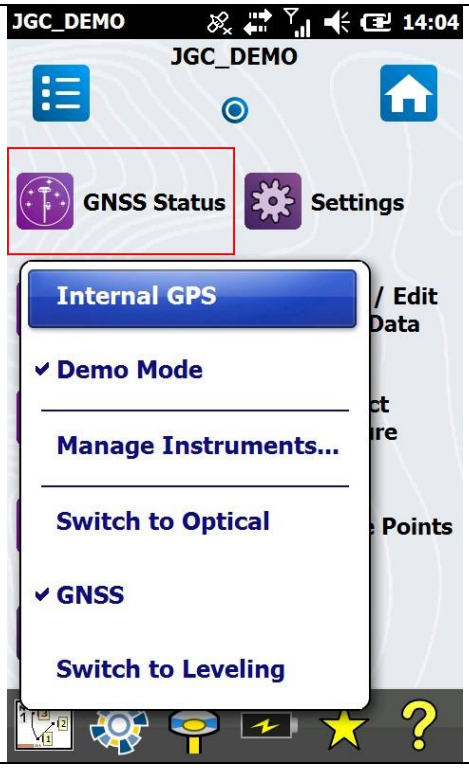


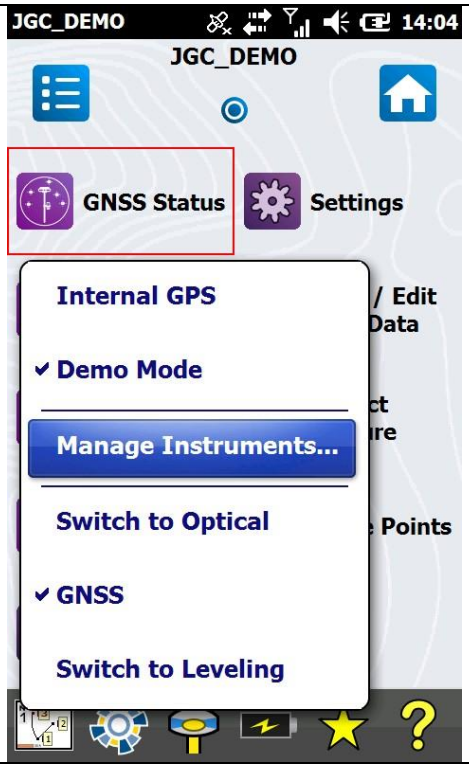


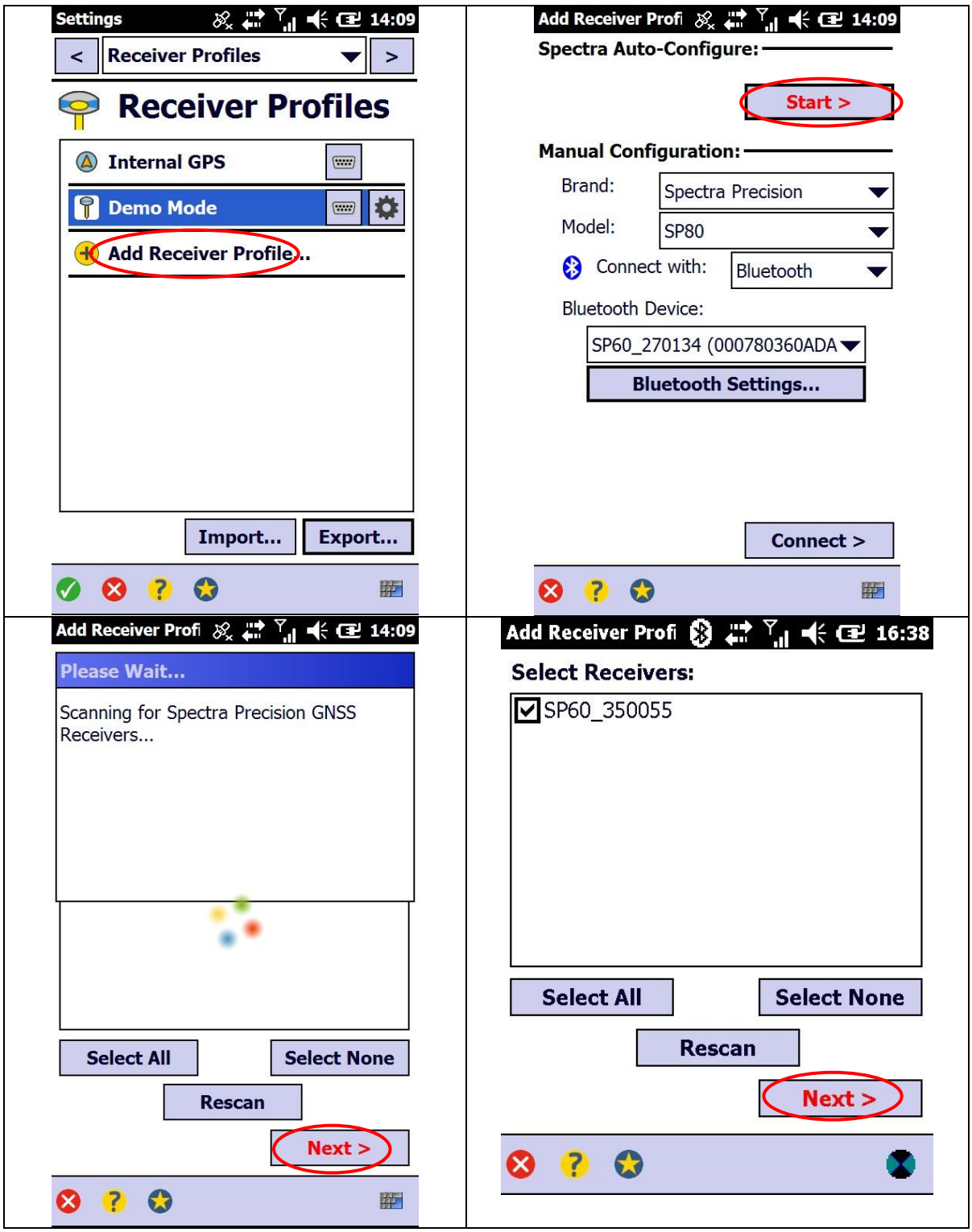

New Job 14:01
Directory:
\Survey Pro Jobs\
New Job Name:
JGC_DEMO
Browse...
Current Settings:
Azimuth Type: North Azimuth
Grid Direction: North and East
Unit for Distances: Meters
Unit for Angles: Degrees
Refraction Coeff.: On: 0.14
- Projection -
Region: Greece
Zone: TM87
Datum: GGRS87
Geoid: GEOID_GR
- First Point -
Create Job Now
Settings >
New Job 14:01
Azimuth Type: North Azimuth
Grid Direction: North and East
Units for Distances: Meters
Units for Angles: Degrees
Earth Curvature & Refraction
Refraction Coefficient: On: 0.14
< Back
Next >
New Job 14:01
No control or reference file
Use a Control File
Use an external Reference File
Control File:
Browse...
< Back
Next >
New Job 14:01
Select Coordinate System
- Select Coordinate System -
Zone from Database
Broadcast RTCM
Region: Greece
Zone : HEPOS_GGRS87/TM87
Datum: HEPOS_GGRS87
Use Geoid : GEOID_GR
< Back
Next >

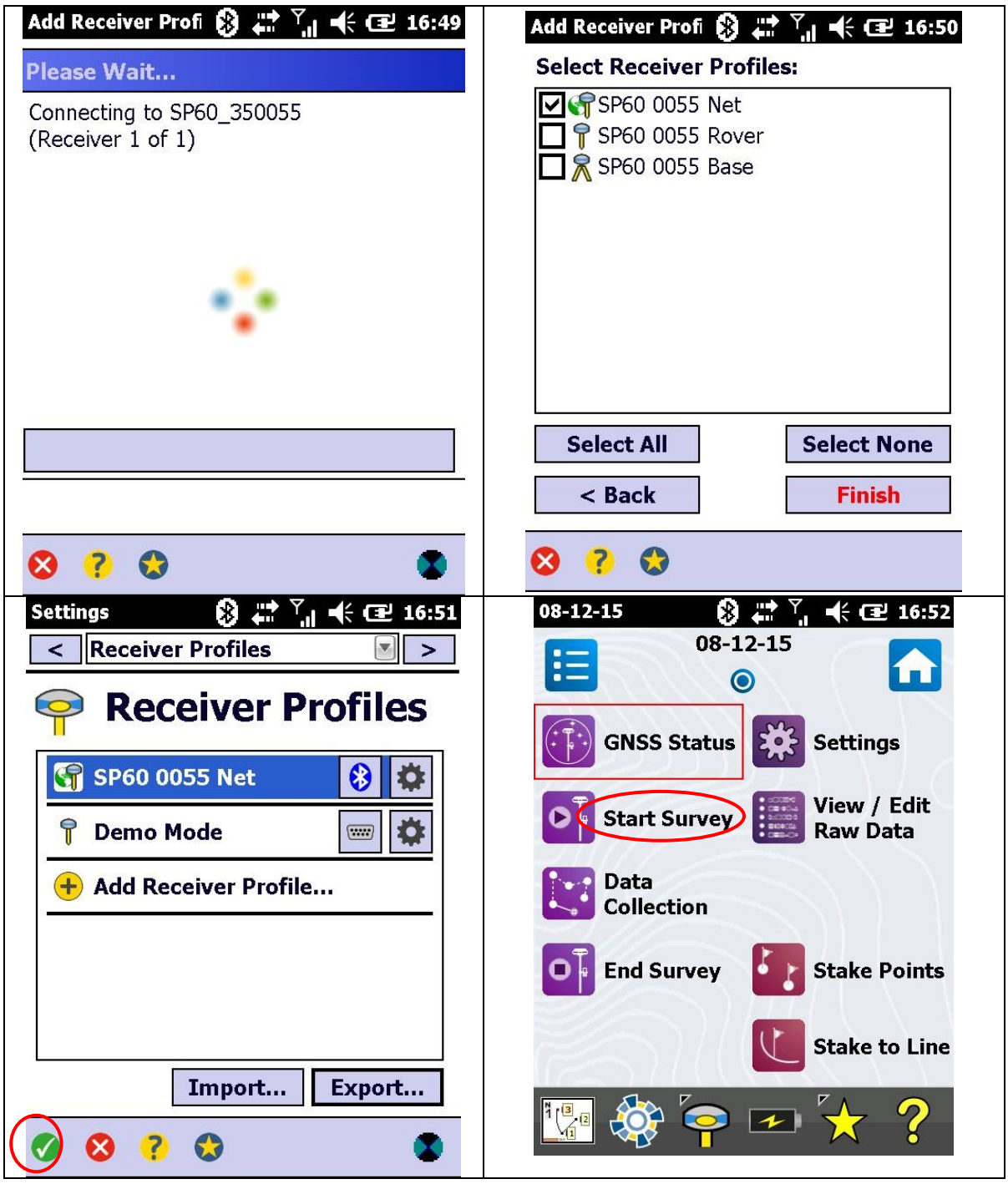

New Job
14:03
Enter First Point
This new job will be created with no initial point.
< Back
Finish

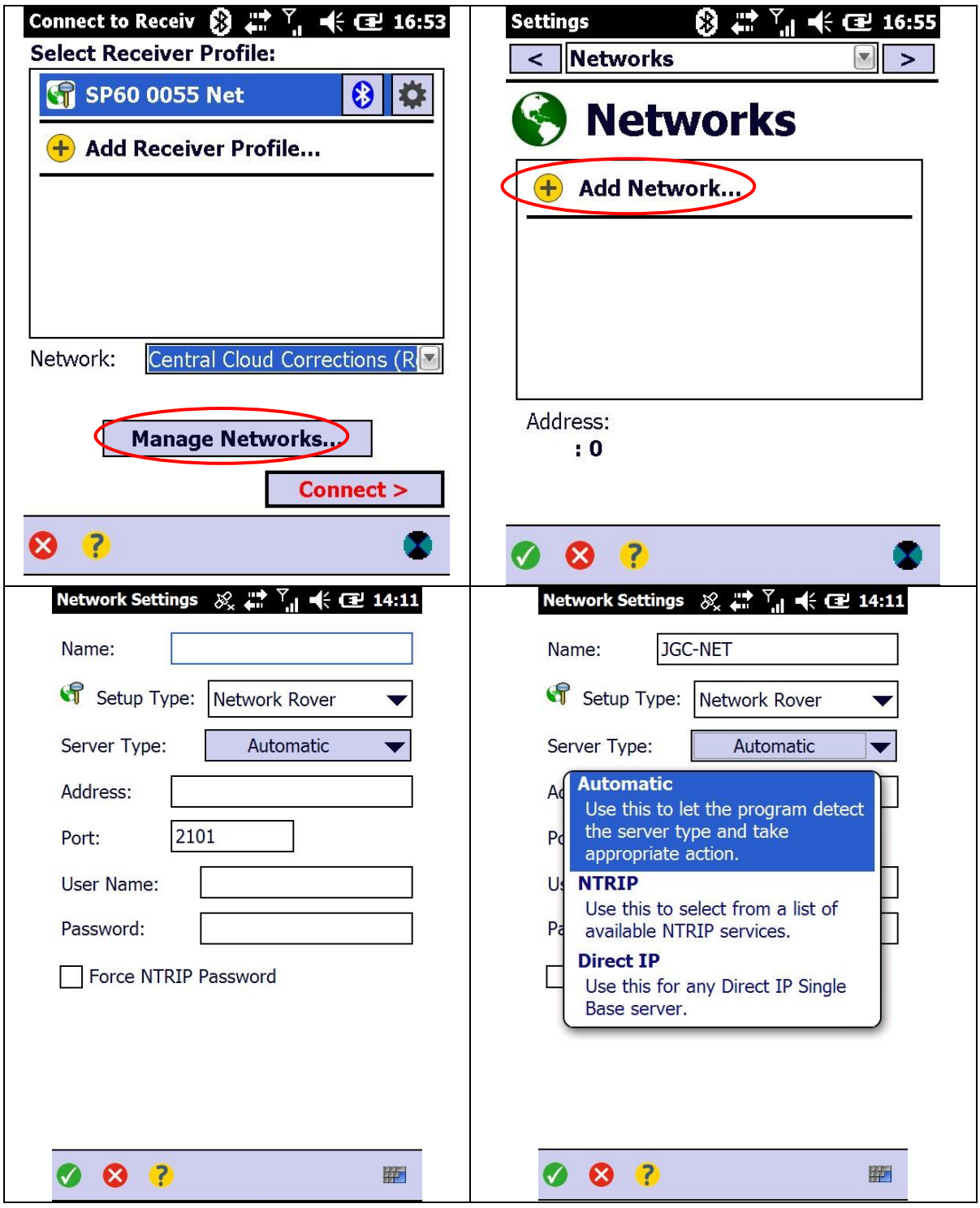

JGC_DEMO
14:03
JGC_DEMO
GNSS Status
Settings
Start Survey
View / Edit Raw Data
Data Collection
Collect Feature
End Survey
Stake Points
Points
Exit

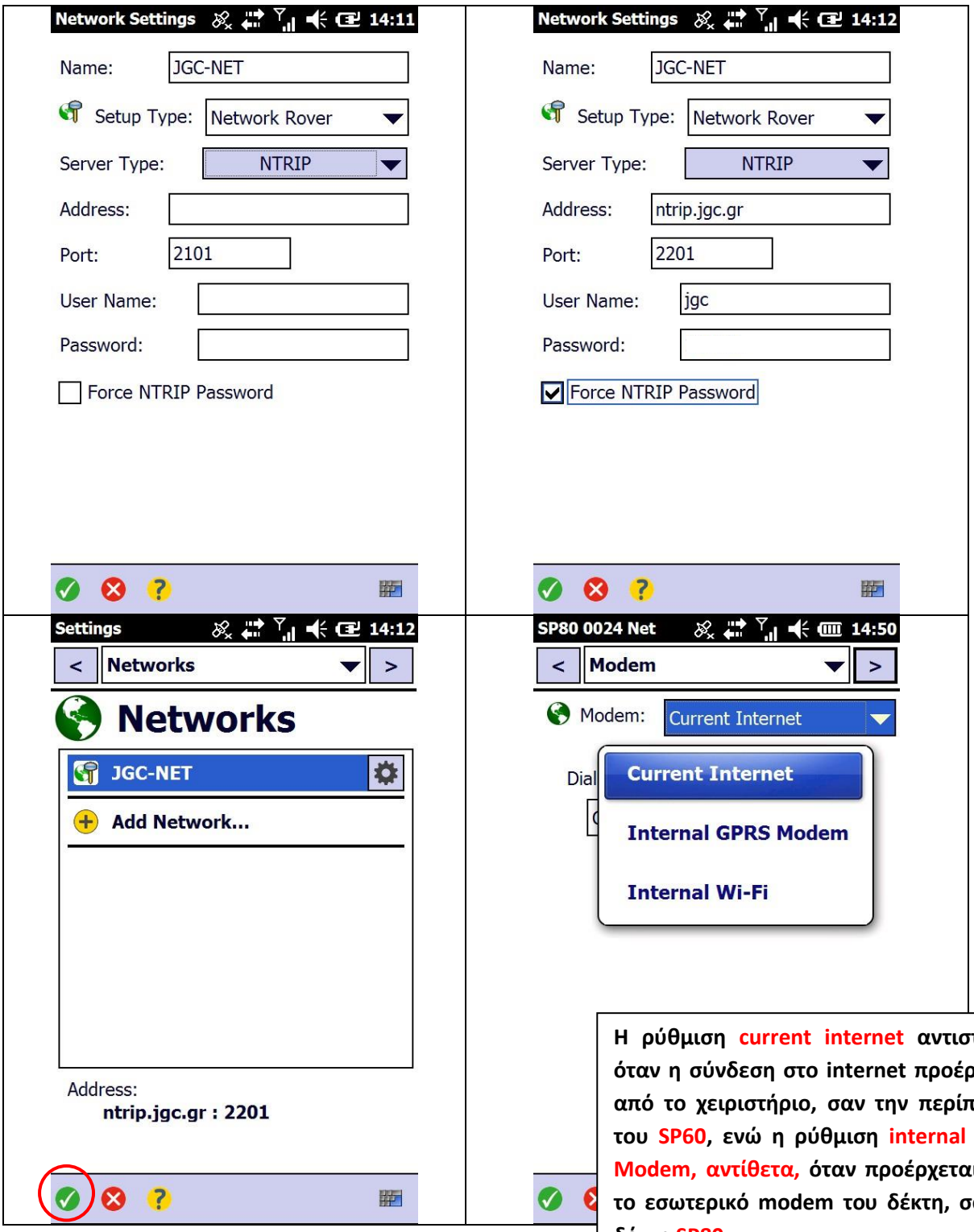

JGC_DEMO
14:04
JGC_DEMO
GNSS Status
Settings
Internal GPS
Demo Mode
Manage Instruments...
Switch to Optical
GNSS
Switch to Leveling


JGC_DEMO
14:04
JGC_DEMO
GNSS Status
Settings
Internal GPS
Demo Mode
Manage Instruments...
Switch to Optical
GNSS
Switch to Leveling

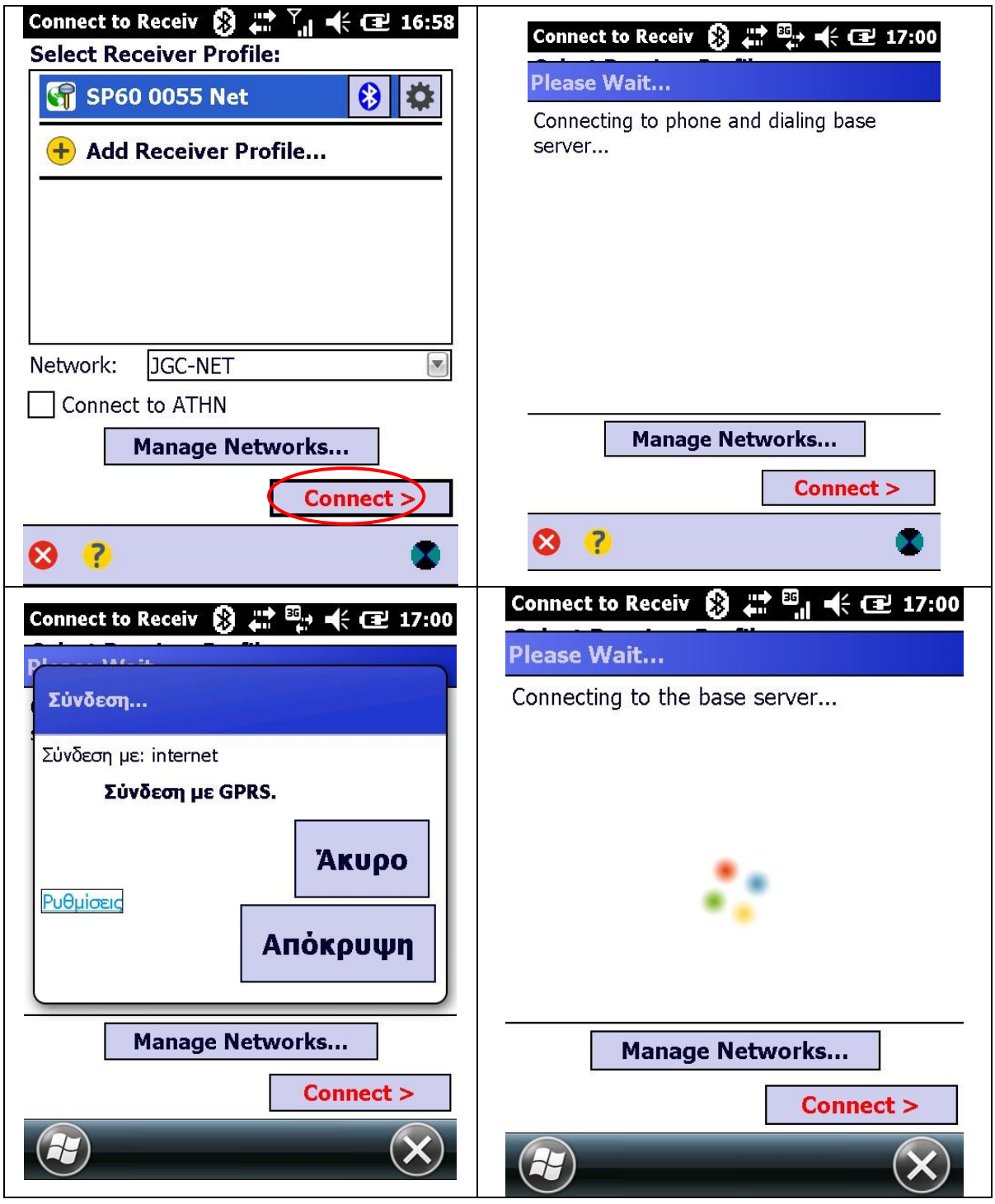

Settings 14:09
Receiver Profiles
Internal GPS
Demo Mode
Add Receiver Profile...
Import...
Export...
Add Receiver Profi 14:09
Spectra Auto-Configure:
Start >
Manual Configuration:
Brand: Spectra Precision
Model: SP80
Connect with: Bluetooth
Bluetooth Device:
SP60_270134 (000780360ADA
Bluetooth Settings...
Connect >
Add Receiver Profi 14:09
Please Wait...
Scanning for Spectra Precision GNSS Receivers...
Select All
Select None
Rescan
Next >
Add Receiver Profi 16:38
Select Receivers:
SP60_350055
Select All
Select None
Rescan
Next >

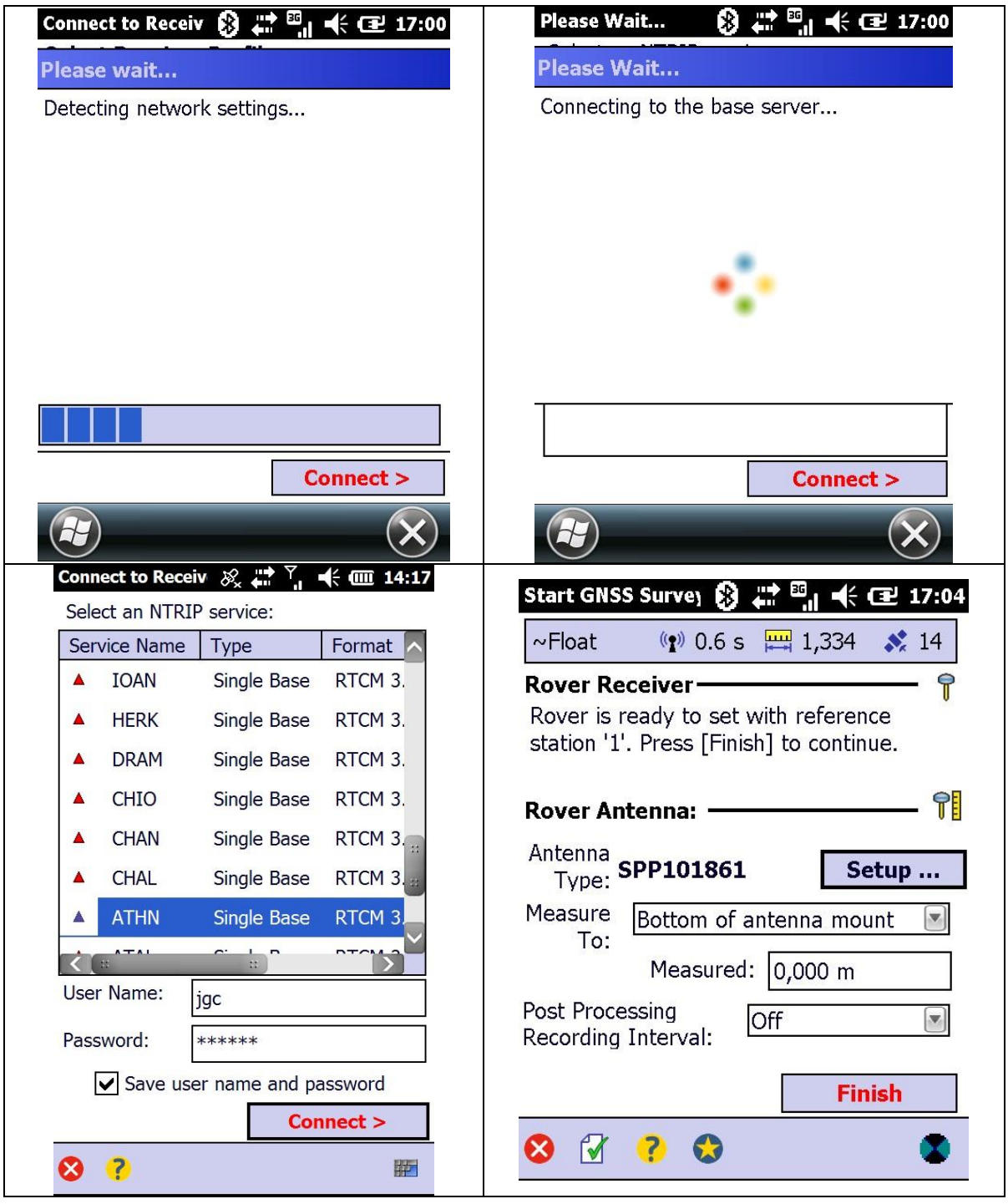

Add Receiver Profi 16:49
Please Wait...
Connecting to SP60_350055
(Receiver 1 of 1)
Add Receiver Profi 16:50
Select Receiver Profiles:
SP60 0055 Net
SP60 0055 Rover
SP60 0055 Base
Select All
Select None
< Back
Finish
Settings 16:51
Receiver Profiles
Receiver Profiles
SP60 0055 Net
Demo Mode
Add Receiver Profile...
Import...
Export...
08-12-15 16:52
08-12-15
GNSS Status
Settings
Start Survey
View / Edit Raw Data
Data Collection
End Survey
Stake Points
Stake to Line

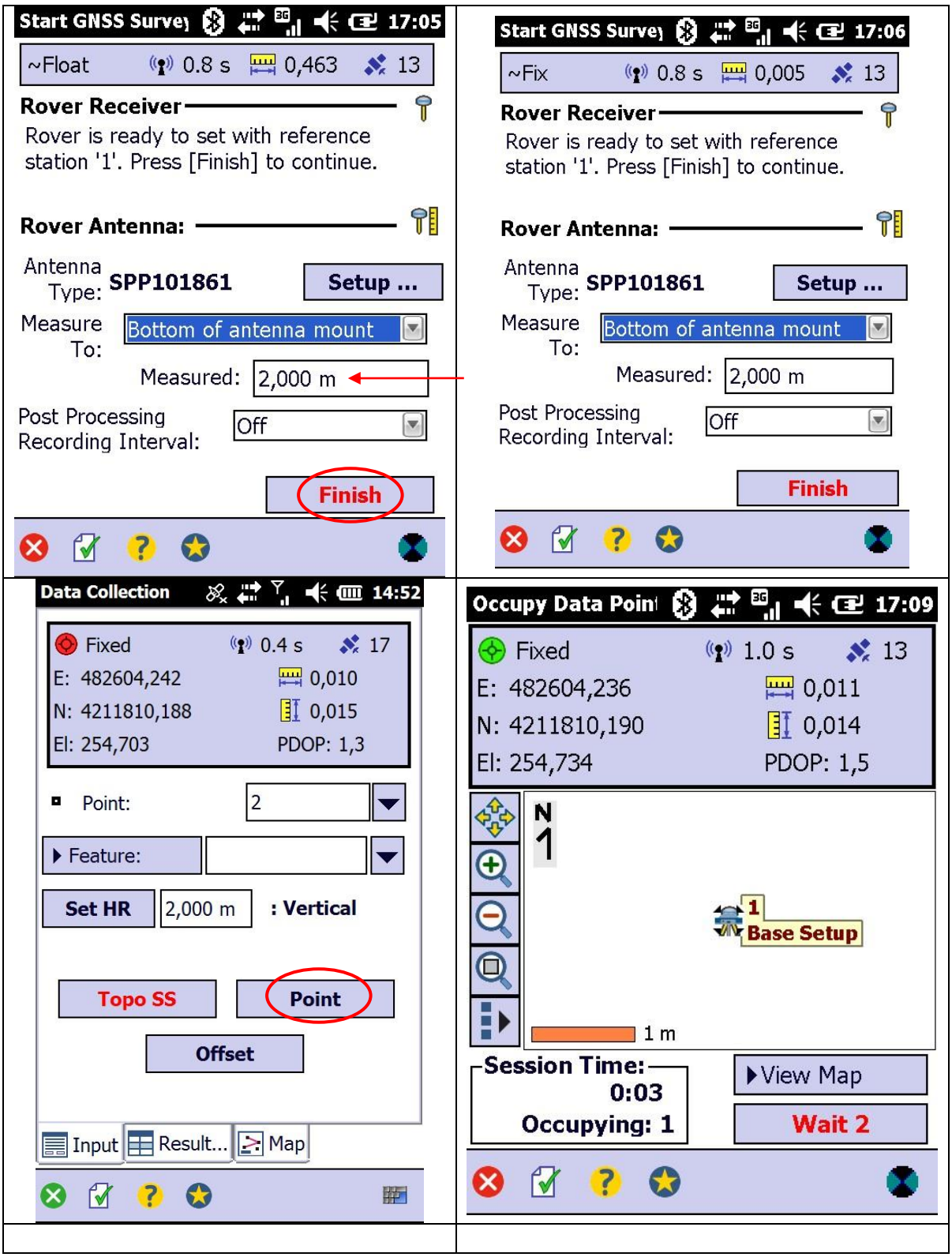

Connect to Receiv 16:53
Select Receiver Profile:
SP60 0055 Net
Add Receiver Profile...
Network: Central Cloud Corrections (R
Manage Networks...
Connect >
Settings 16:55
< Networks >
Networks
Add Network...
Address:
: 0
Network Settings 14:11
Name:
Setup Type: Network Rover
Server Type: Automatic
Address:
Port: 2101
User Name:
Password:
Force NTRIP Password
Network Settings 14:11
Name: JGC-NET
Setup Type: Network Rover
Server Type: Automatic
Automatic
Use this to let the program detect the server type and take appropriate action.
NTRIP
Use this to select from a list of available NTRIP services.
Direct IP
Use this for any Direct IP Single Base server.

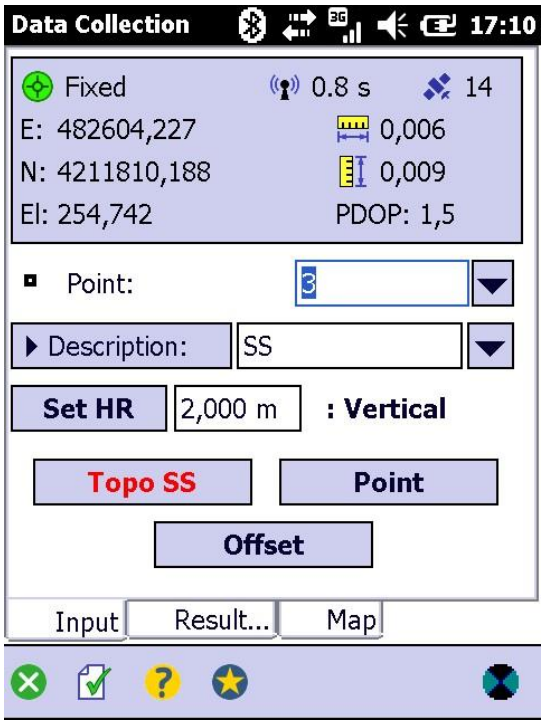


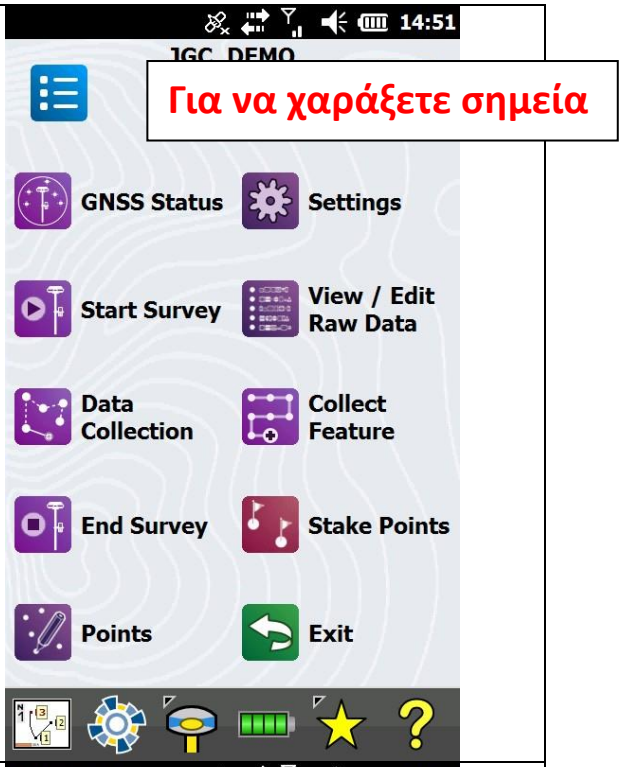
Η ρύθμιση current internet αντιστοιχεί όταν η σύνδεση στο internet προέρχεται από το χειριστήριο, σαν την περίπτωση του SP60, ενώ η ρύθμιση internal GPRS Modem, αντίθετα, όταν προέρχεται από το εσωτερικό modem του δέκτη, σαν το δέκτη SP80.

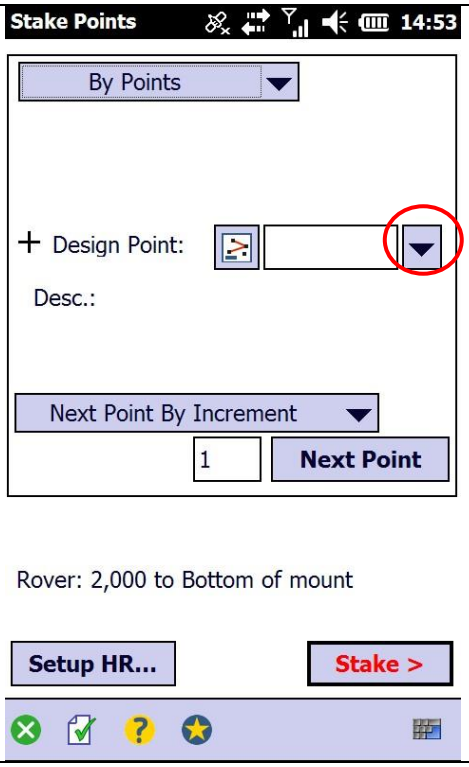

Connect to Receiv 16:58
Select Receiver Profile:
SP60 0055 Net
Add Receiver Profile...
Network: JGC-NET
Connect to ATHN
Manage Networks...
Connect >
Connect to Receiv 17:00
Please Wait...
Connecting to phone and dialing base server...
Manage Networks...
Connect >
Connect to Receiv 17:00
Σύνδεση...
Σύνδεση με: internet
Σύνδεση με GPRS.
Άκυρο
Ρυθμίσεις
Απόκρυψη
Manage Networks...
Connect >
Connect to Receiv 17:00
Please Wait...
Connecting to the base server...
Manage Networks...
Connect >

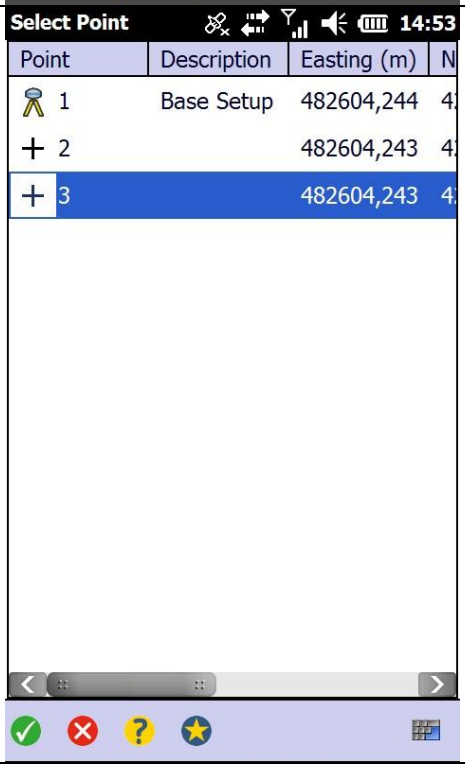

Connect to Receiv 17:00
Please wait...
Detecting network settings...
Connect >
Please Wait... 17:00
Please Wait...
Connecting to the base server...
Connect >
Connect to Receiv 14:17
Select an NTRIP service:
Service Name
Type
Format
IOAN Single Base RTCM 3.
HERK Single Base RTCM 3.
DRAM Single Base RTCM 3.
CHIO Single Base RTCM 3.
CHAN Single Base RTCM 3.
CHAL Single Base RTCM 3.
ATHN Single Base RTCM 3.
User Name: jgc
Password: ******
Save user name and password
Connect >
Start GNSS Surve 17:04
~Float 0.6 s 1,334 14
Rover Receiver
Rover is ready to set with reference station '1'. Press [Finish] to continue.
Rover Antenna:
Antenna Type: SPP101861
Setup ...
Measure To: Bottom of antenna mount
Measured: 0,000 m
Post Processing Recording Interval: Off
Finish

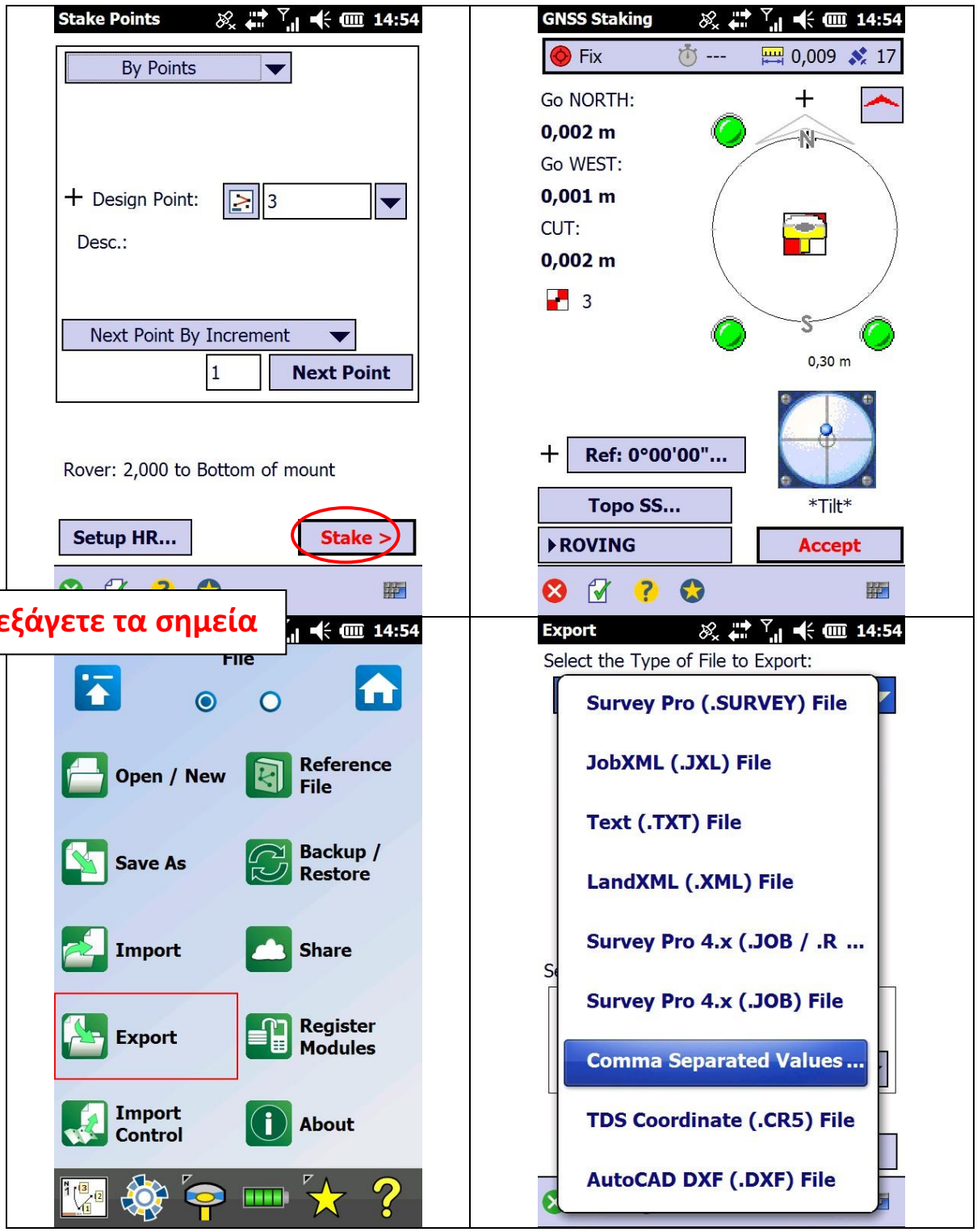

Start GNSS Surve 17:05
~Float 0.8 s 0,463 13
Rover Receiver
Rover is ready to set with reference station '1'. Press [Finish] to continue.
Rover Antenna:
Antenna Type: SPP101861
Setup ...
Measure To: Bottom of antenna mount
Measured: 2,000 m
Post Processing Recording Interval: Off
Finish
Start GNSS Surve 17:06
~Fix 0.8 s 0,005 13
Rover Receiver
Rover is ready to set with reference station '1'. Press [Finish] to continue.
Rover Antenna:
Antenna Type: SPP101861
Setup ...
Measure To: Bottom of antenna mount
Measured: 2,000 m
Post Processing Recording Interval: Off
Finish
Data Collection 14:52
Fixed 0.4 s 17
E: 482604,242 0,010
N: 4211810,188 0,015
El: 254,703 PDOP: 1,3
Point: 2
Feature:
Set HR 2,000 m : Vertical
Topo SS
Point
Offset
Input
Result...
Map
Occupy Data Poin 17:09
Fixed 1.0 s 13
E: 482604,236 0,011
N: 4211810,190 0,014
El: 254,734 PDOP: 1,5
N
1
1
Base Setup
1 m
Session Time:
0:03
Occupying: 1
View Map
Wait 2


Data Collection
17:10
Fixed
0.8 s
14
E: 482604,227
0,006
N: 4211810,188
0,009
El: 254,742
PDOP: 1,5
Point:
3
Description:
SS
Set HR
2,000 m
: Vertical
Topo SS
Point
Offset
Input
Result...
Map

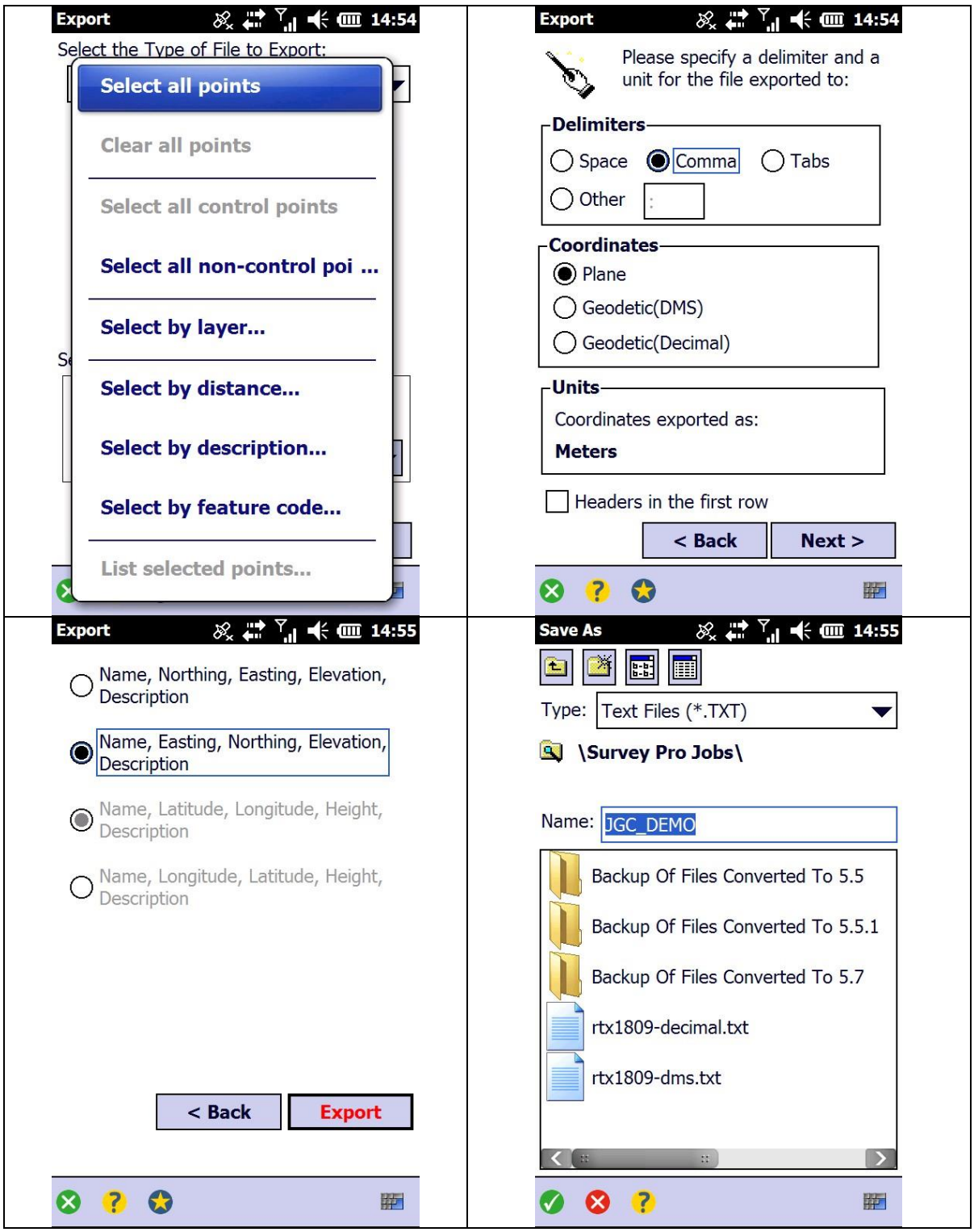

14:51
JGC_DEMO
Για να χαράξετε σημεία
GNSS Status
Settings
Start Survey
View / Edit Raw Data
Data Collection
Collect Feature
End Survey
Stake Points
Points
Exit


Stake Points
14:53
By Points
Design Point:
Desc.:
Next Point By Increment
1
Next Point
Rover: 2,000 to Bottom of mount
Setup HR...
Stake >

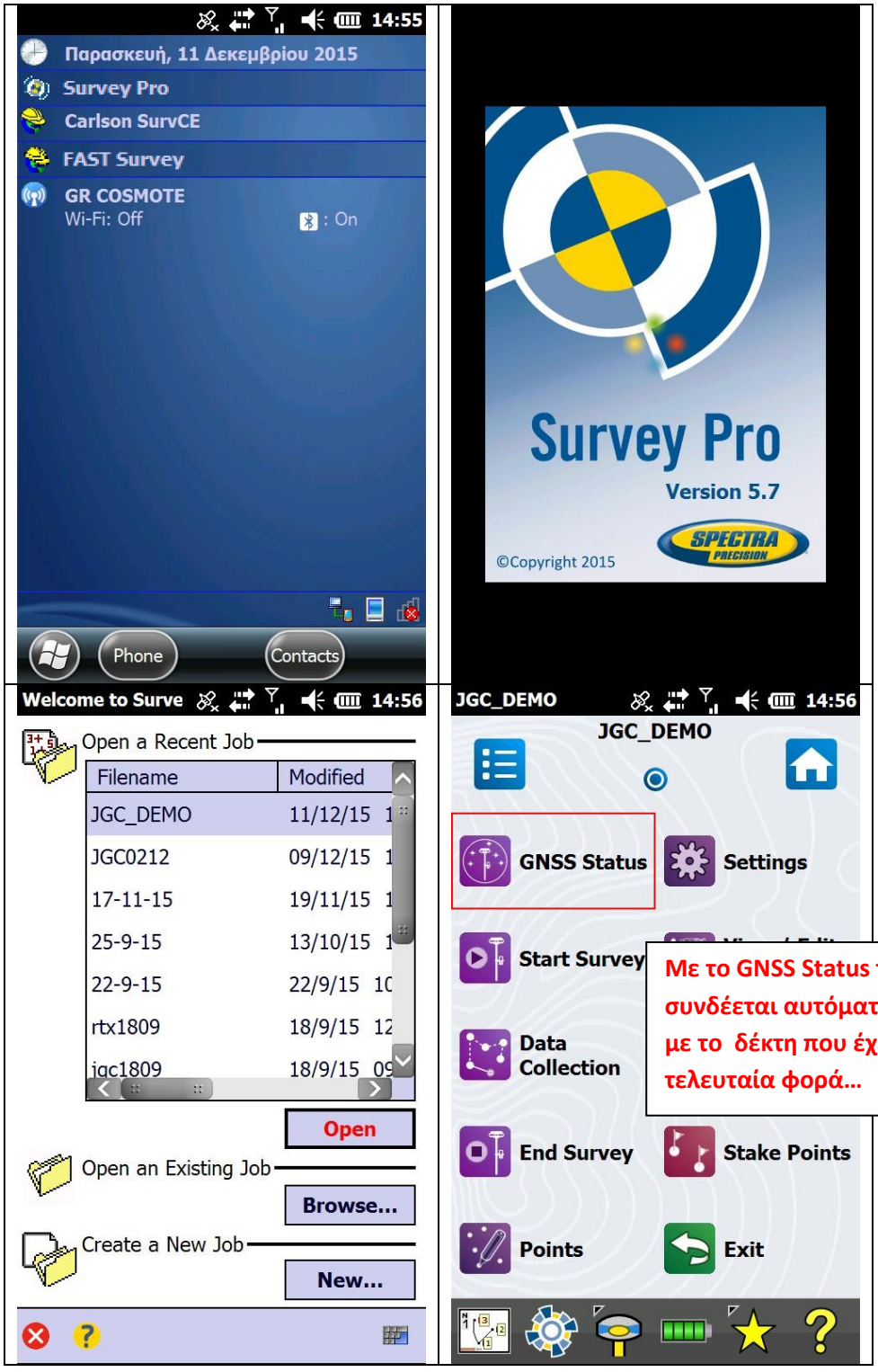

Select Point
14:53
Point
Description
Easting (m)
1
Base Setup
482604,244
2
482604,243
3
482604,243

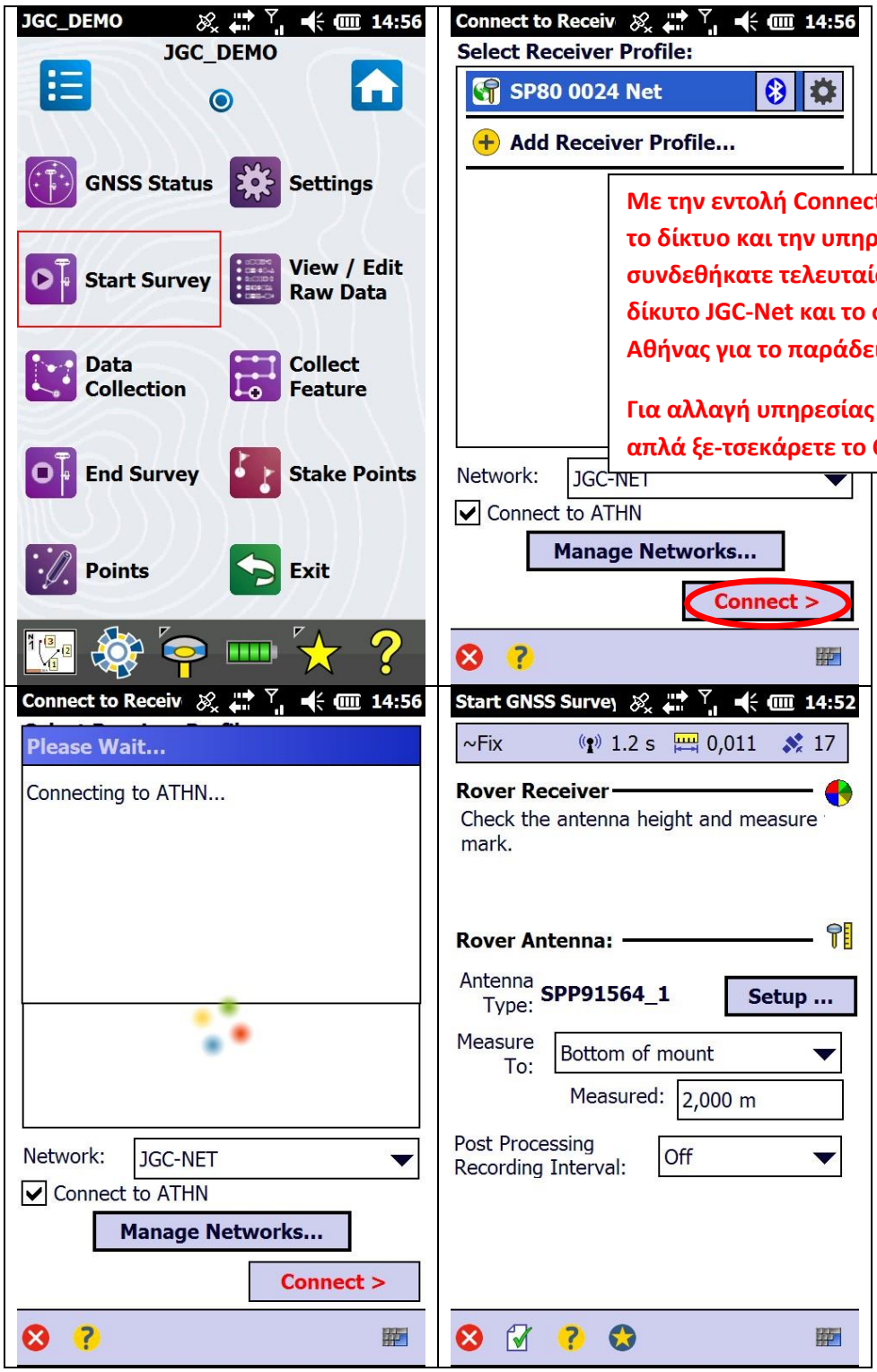


Για να εξάγετε τα σημεία


Export
14:54
Select the Type of File to Export:
Select all points
Clear all points
Select all control points
Select all non-control poi ...
Select by layer...
Select by distance...
Select by description...
Select by feature code...
List selected points...
Export
14:54
Please specify a delimiter and a unit for the file exported to:
Delimiters
Space
Comma
Tabs
Other
Coordinates
Plane
Geodetic(DMS)
Geodetic(Decimal)
Units
Coordinates exported as:
Meters
Headers in the first row
< Back
Next >
Export
14:55
Name, Northing, Easting, Elevation, Description
Name, Easting, Northing, Elevation, Description
Name, Latitude, Longitude, Height, Description
Name, Longitude, Latitude, Height, Description
< Back
Export
Save As
14:55
Type:
Text Files (*.TXT)
\Survey Pro Jobs\
Name:
JGC_DEMO
Backup Of Files Converted To 5.5
Backup Of Files Converted To 5.5.1
Backup Of Files Converted To 5.7
rtx1809-decimal.txt
rtx1809-dms.txt

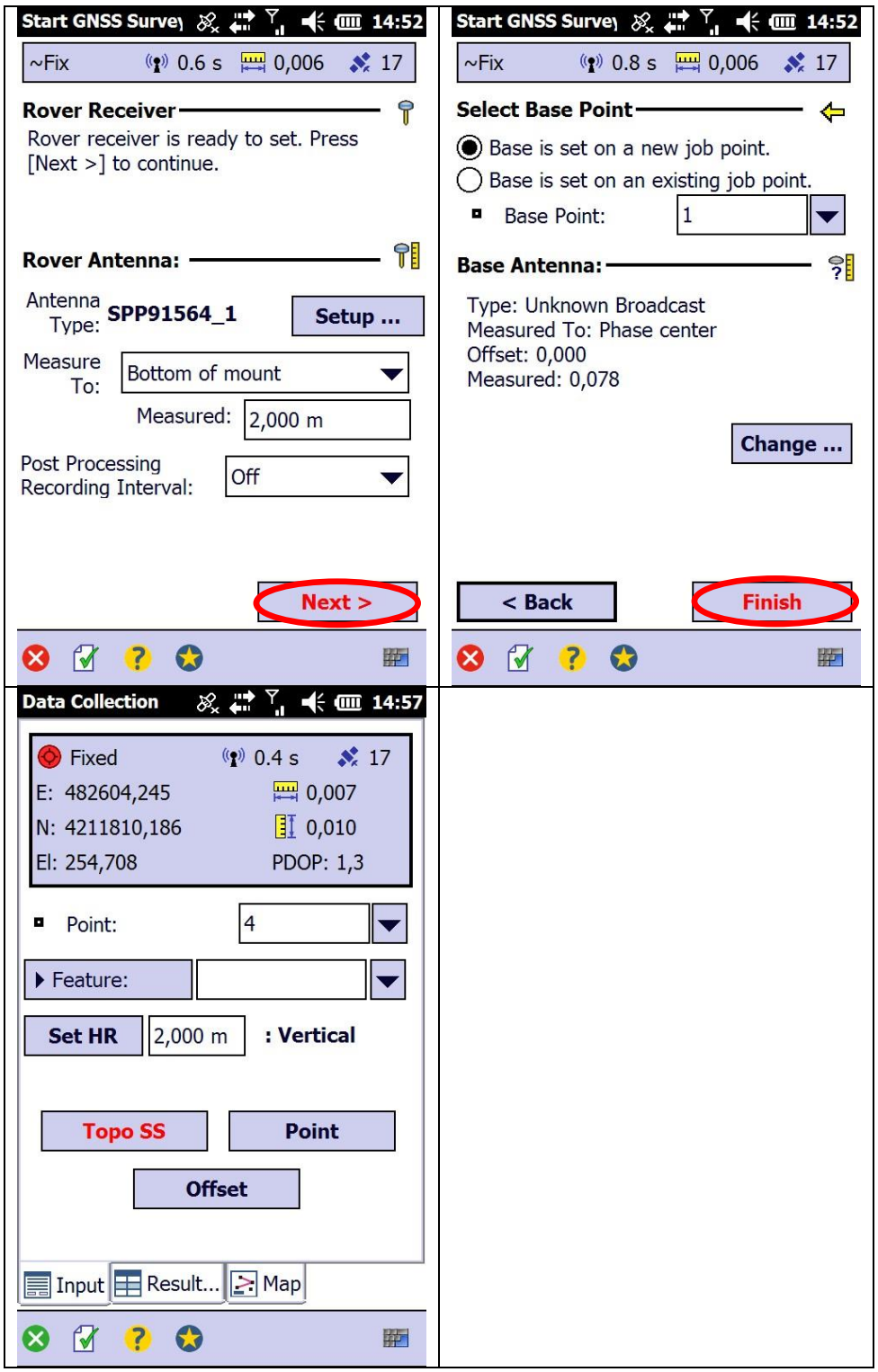
Μέτρηση (την επόμενη φορά που έχουν κρατηθεί οι ίδιες ρυθμίσεις) με SP80 ή SP60 για RTK σύνδεση στο JGC-Net με το Survey Pro





Με την εντολή Connect συνδέεστε με το δίκτυο και την υπηρεσία που συνδεθήκατε τελευταία φορά… (με το δίκτυο JGC-Net και το σταθμό της Αθήνας για το παράδειγμα μας).

Για αλλαγή υπηρεσίας του Δικτύου απλά ξε-τσεκάρετε το Connect to …..


Start GNSS Survey 14:52
~Fix 0.6 s 0,006 17
Rover Receiver
Rover receiver is ready to set. Press [Next >] to continue.
Rover Antenna:
Antenna Type: SPP91564_1
Setup ...
Measure To: Bottom of mount
Measured: 2,000 m
Post Processing Recording Interval: Off
Next >
Start GNSS Survey 14:52
~Fix 0.8 s 0,006 17
Select Base Point
Base is set on a new job point.
Base is set on an existing job point.
Base Point: 1
Base Antenna:
Type: Unknown Broadcast
Measured To: Phase center
Offset: 0,000
Measured: 0,078
Change ...
< Back
Finish
Data Collection 14:57
Fixed 0.4 s 17
E: 482604,245 0,007
N: 4211810,186 0,010
El: 254,708 PDOP: 1,3
Point: 4
Feature:
Set HR 2,000 m : Vertical
Topo SS
Point
Offset
Input
Result...
Map