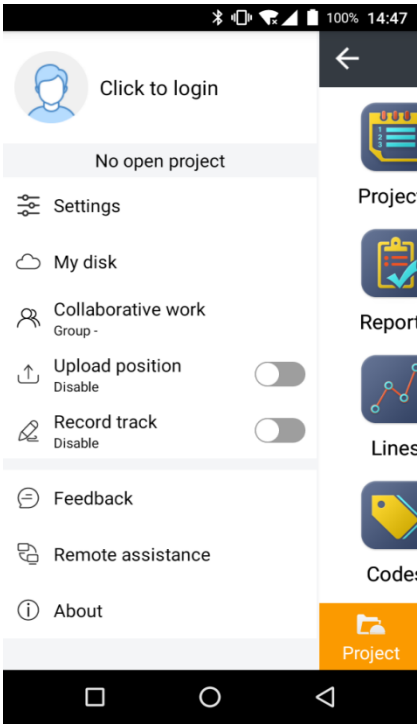
1 .Sidebar

Click the icon on top left corner, pop up sidebar. It has those functions: login, settings, My disk, collaborative work, upload position, record track, feedback, remote assistance, about.

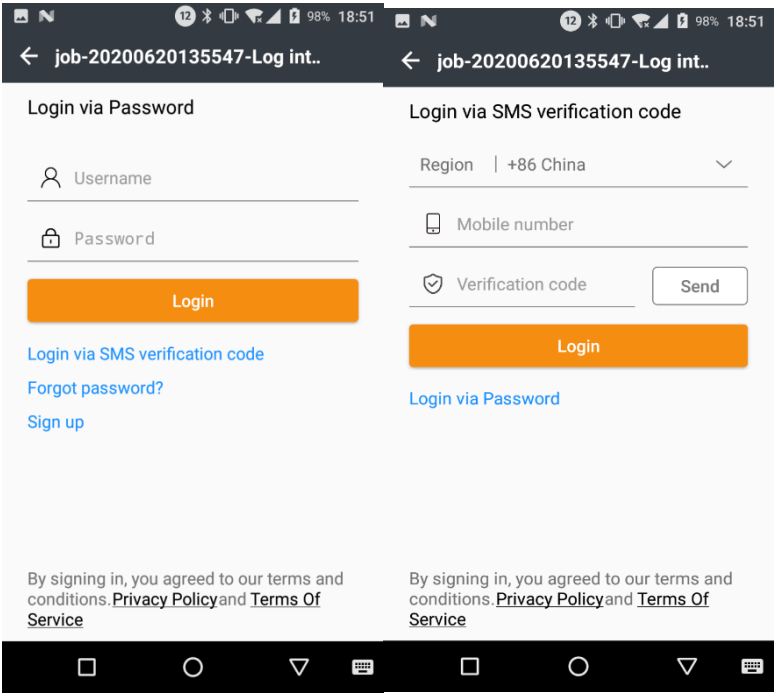
And it will show the currently project name. If no project is opened, it will show “No open project”.

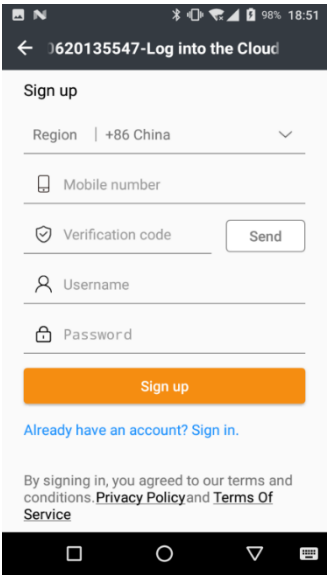


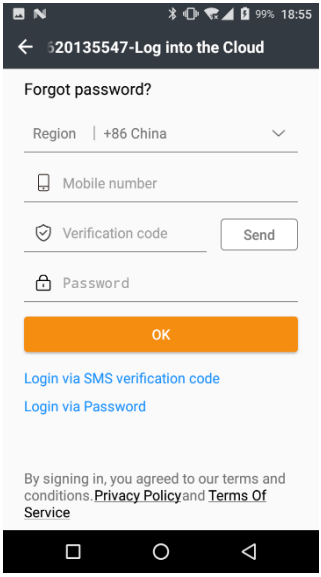
1.1 Login

Click “login” to login the CHC cloud. There are two ways to login:
1.With User name and password.
2.With phone number and verification code.

If you forget the password, you can track it via phone number.





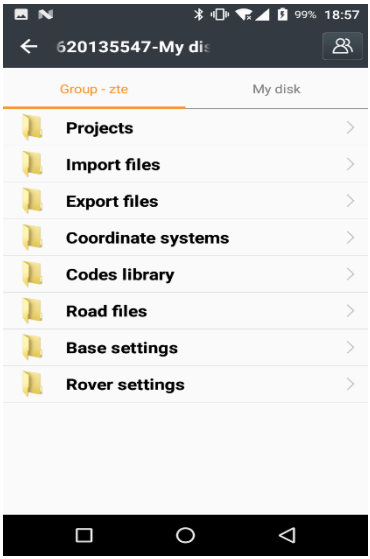


1.2 Settings

Click “settings” to change the parameter: Keyboard shortcut, Sensors, Units, Decimals, Coordinates, GNSS, TS, Display labels. Please refer to section 4.

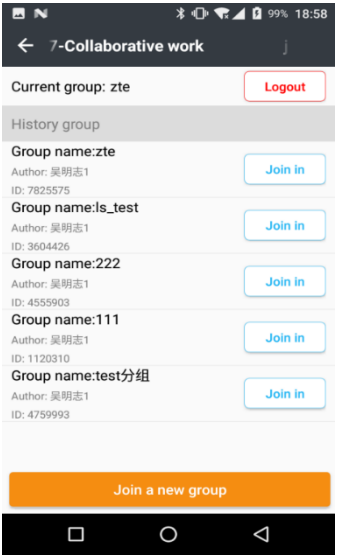
1.3 My disk

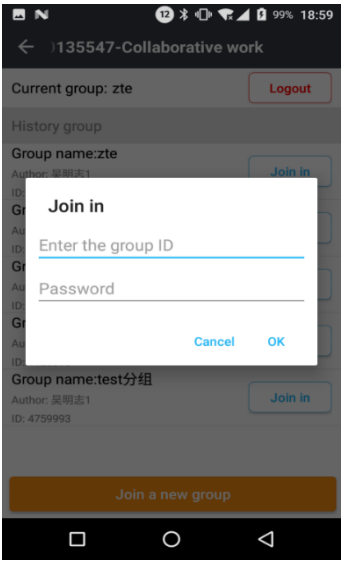
My disk function needs to use with CHC cloud. In this menu, it will show the folder and file in your disk, and we can download file from it. If you have joined work group, it will show group disk and My disk. Click the top right icon to access to the work group menu.



1.4 Work group

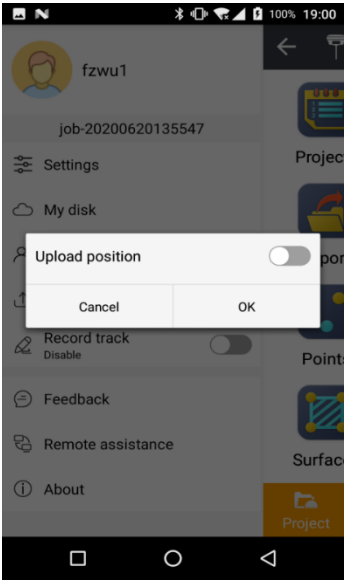
Work group needs to use with CHC cloud. Click “work group” to enter the work group interface, it will display the current work group and joined work group in history. Click “logout” to exit the current work group, then click “join in” to join the historical work group (only one work group can be joined). Click “join a new group” and enter the ID and password of the work group to join a new work group.

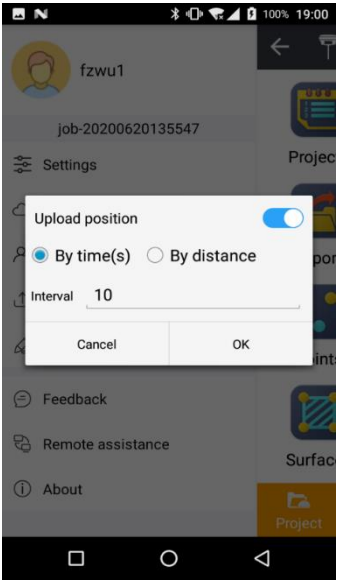




1.5 Upload position

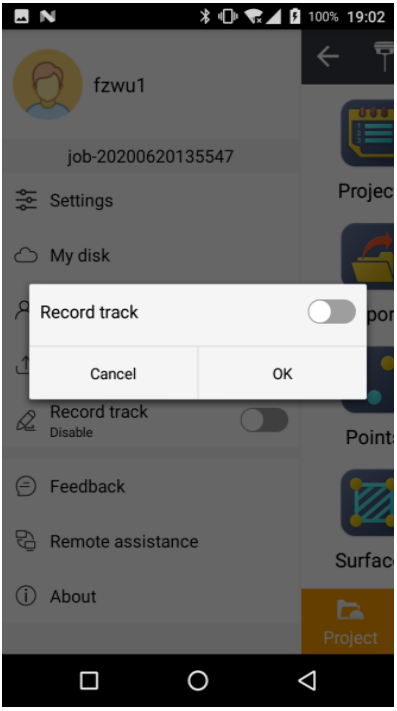
To upload the location, you need to open the project and log in CHC cloud. Location upload is off by default. Click the button to open it. You can upload the location by time or moving distance (the time setting is at least 10 seconds). The position upload can only be done by connecting the receiver, or by using the demo mode. The upload location can be accessed in the map interface in https://cloud.huace.cn/. The creator of the working group can enter https://cloud.huace.cn/ “The map interface” in the cloud disk of the working group to view the position of the members.

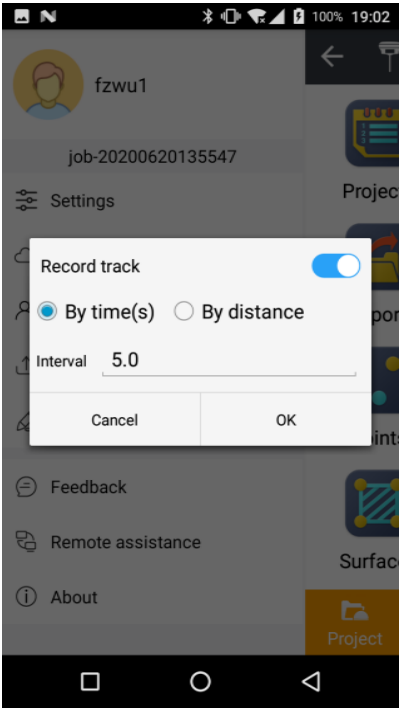


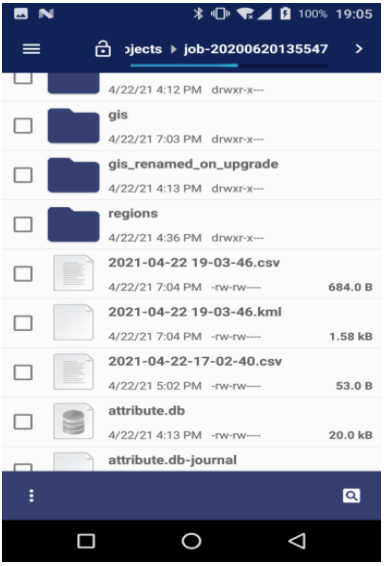


1.6 Record track

Record track can be used only when the project is opened. This function is off by default. Click the button to open it. You can record a track by time or moving distance. It can only be recorded by connecting the receiver or entering the “map survey” in demo mode. The recorded track is saved in chcav-LS_project - current project as a. CSV file and a. KML file.

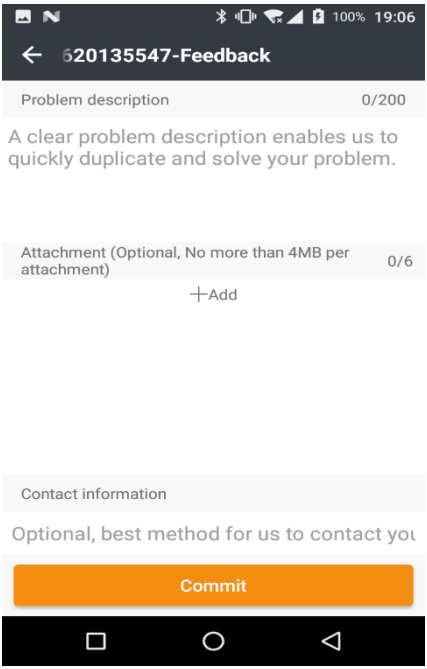

100% 19:02
fzwu1
job-20200620135547
Settings
My disk
Record track
Cancel
OK
Record track
Disable
Feedback
Remote assistance
About
Project


100% 19:02
fzwu1
job-20200620135547
Settings
Record track
By time(s)
By distance
Interval
5.0
Cancel
OK
Feedback
Remote assistance
About
Project



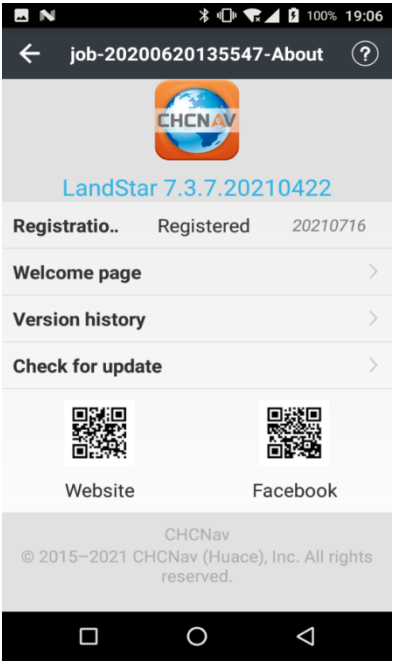
1.7 Feedback

Click “feedback” to enter the feedback interface, input the description and operation of the phenomenon, you can input up to 200 words to submit, select the attachment and contact information. The attachment max size is 4MB.



1.8 About

We move the about menu to sidebar. Please refer to section 1.6.


100% 19:06
job-20200620135547-About
LandStar 7.3.7.20210422
Registratio..
Registered
20210716
Welcome page
Version history
Check for update
Website
Facebook
CHCNav
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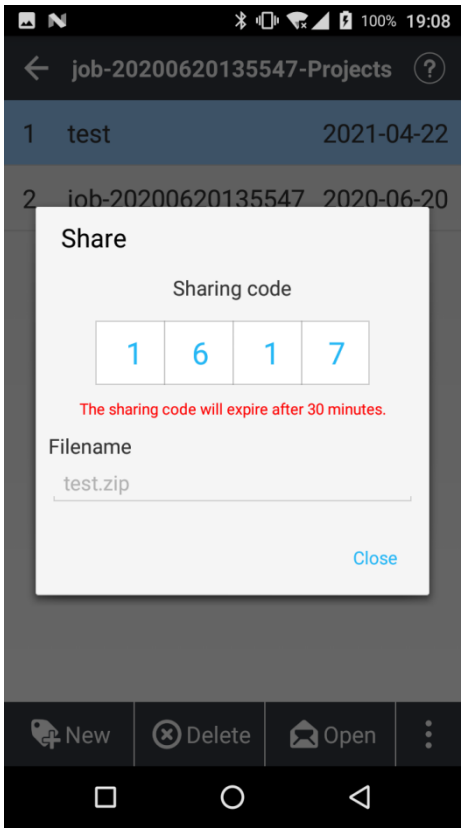
2 CHC cloud

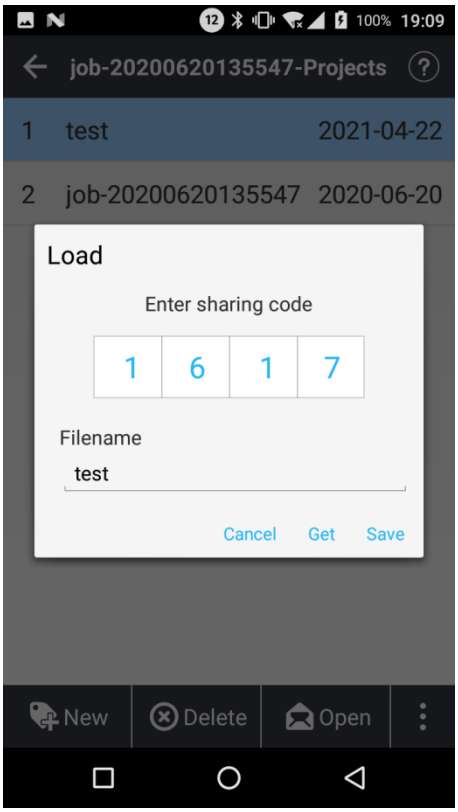
2.1 Project

Click lower right corner icon, you can find “Share ,Load,To cloud,From cloud”。

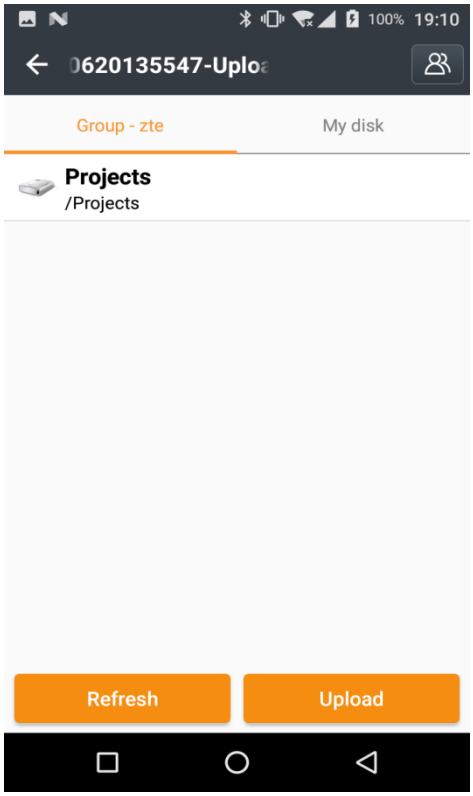
Select the project and click share to generate a 4-digit sharing code. And it will display the name of the transferred file. The sharing code is valid for 30 minutes.



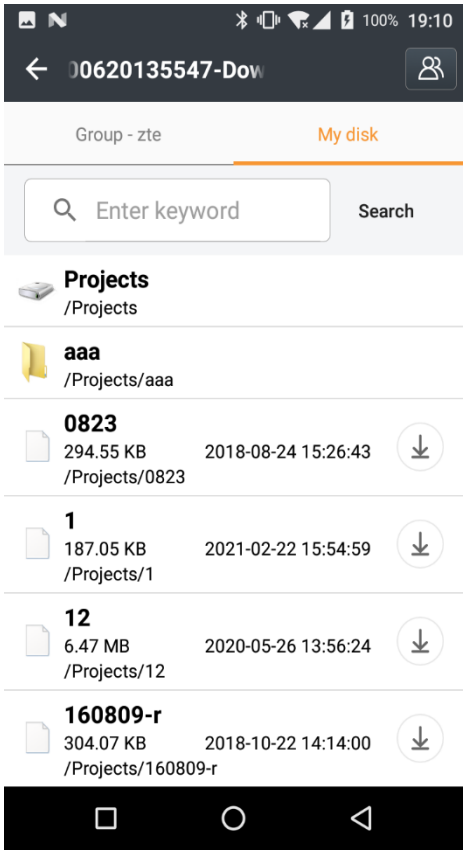
Click “Load”, enter the 4-digit sharing code, click “Get” to get the shared project, save becomes optional, and click “Save” to save the obtained project to project management.



Select the project, click “To cloud” to enter the project folder in the cloud disk, and click “upload” to upload the project file to the cloud disk. If you join the work group, you can also choose to upload to the work group cloud disk, and click “refresh” to refresh the cloud disk.

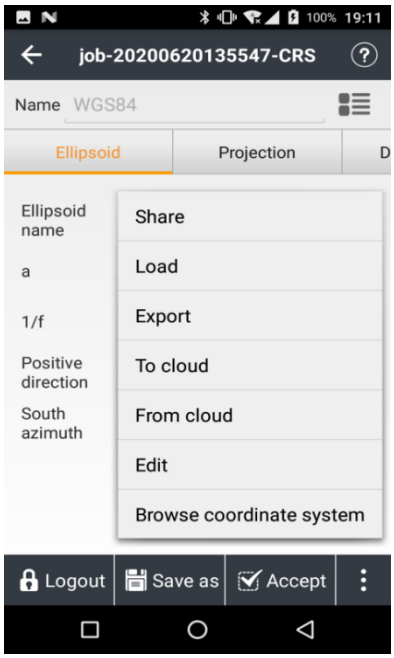


Click “From cloud” to enter the project folder in the cloud disk, and click “download” to download and save the project to the project management. You can also search for projects by keyword.

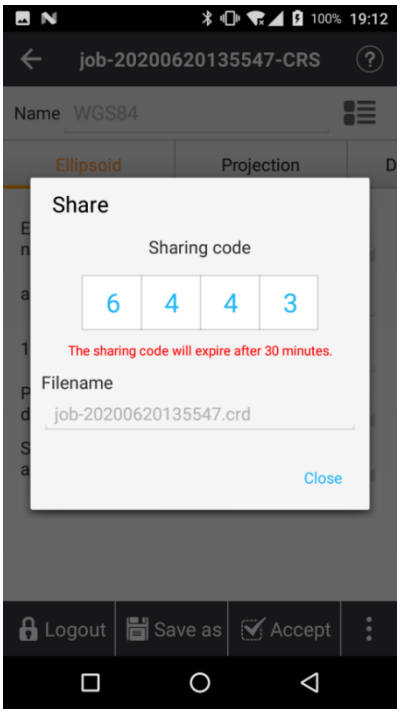


2.2 CRS

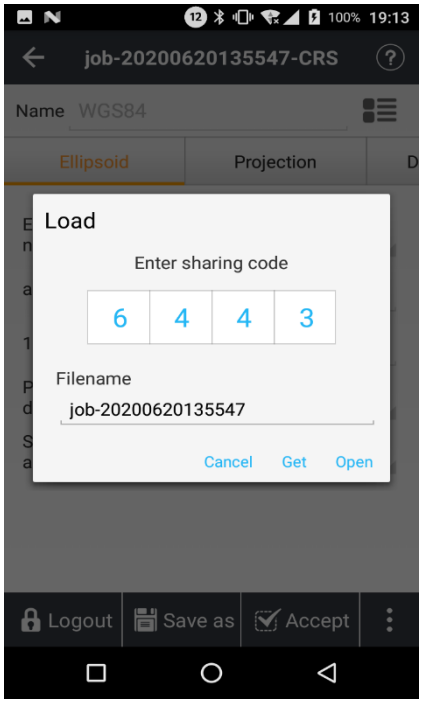
Click lower right corner icon, you can find “Share, Load, Export, To cloud, From cloud, Edit, Browse coordinate system”。



Click “share” to generate a 4-digit sharing code and it will display the name of the transferred file. The sharing code is valid for 30 minutes.

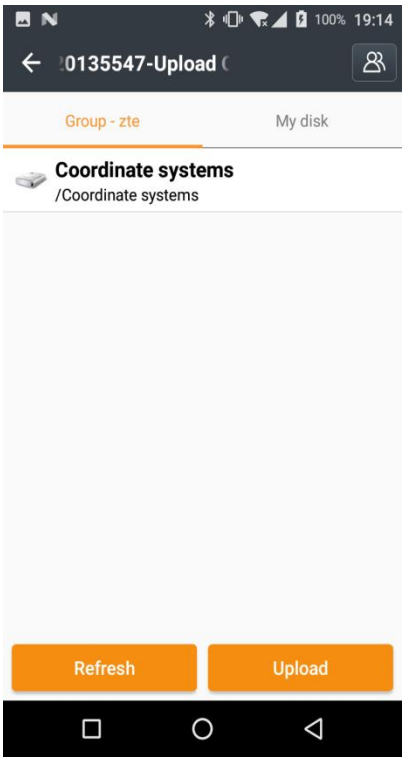


Click “Load” enter the 4-digit correct sharing code, click “get” to obtain the shared coordinate system parameters, “open” becomes optional, and click “open” to open the obtained coordinate system parameters.

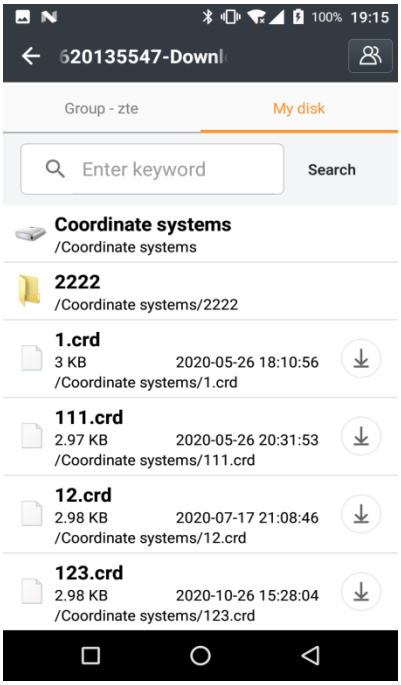


Click “To cloud” to enter the coordinate system folder in the cloud disk, and click “upload” to upload

the coordinate system file to the cloud disk. If you join the work group, you can also choose to upload to the work group cloud disk, and click “refresh” to refresh the cloud disk.

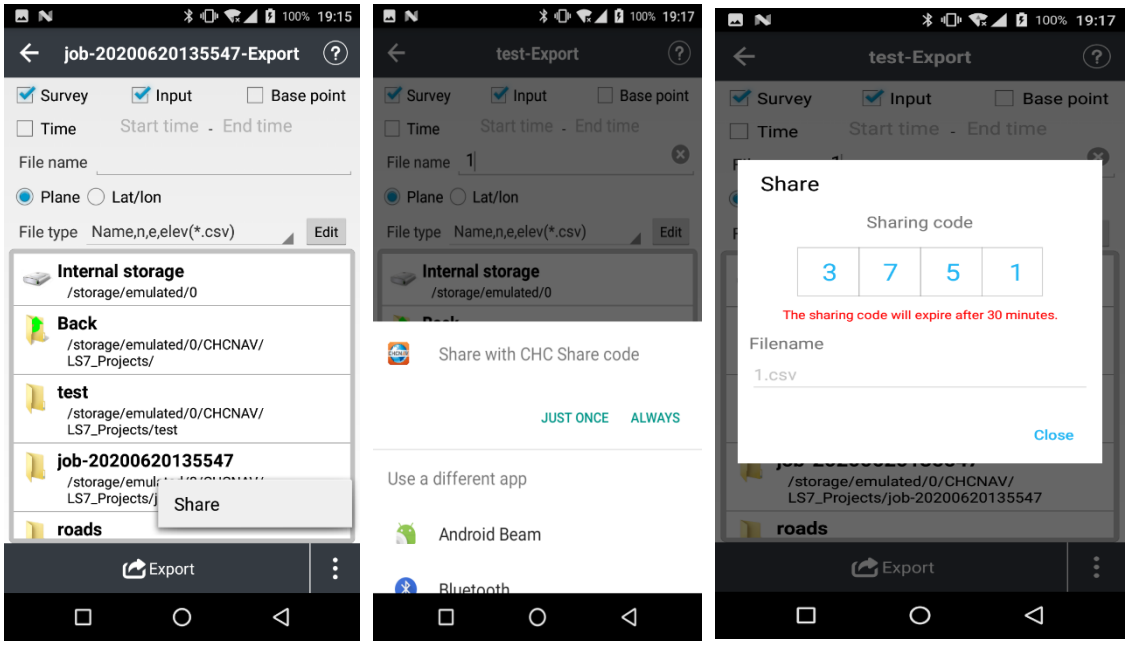


Click “From cloud” to enter the coordinate system folder in the cloud disk, and click “download” to download the coordinate system file and save it to the coordinate system. You can view it by creating a new coordinate system and search the coordinate system file by keyword.



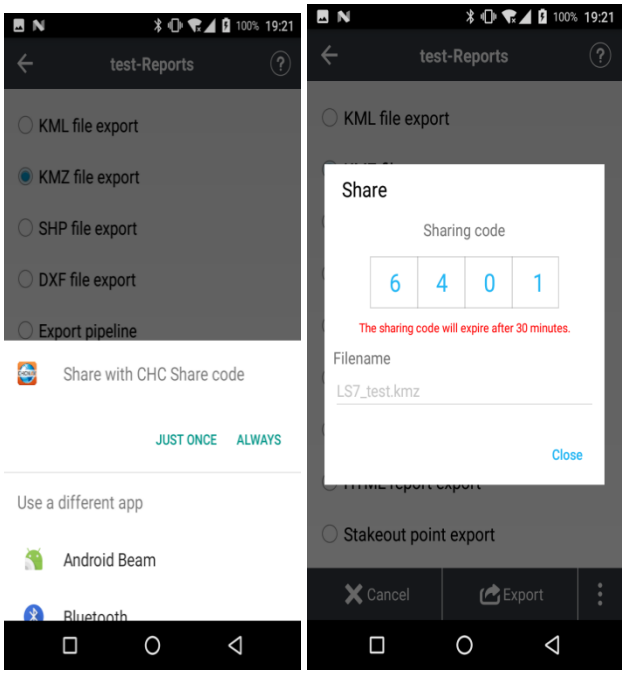
2.3 Export

Click lower right corner icon, you can find “share”. Then enter the file name, select the export format, and then click “share” to share the file. After system share interface pop up, select CHC share code and select once or permanently, it will generate 4-digit sharing code, and display the transferred file name. The sharing code is valid for 30 minutes.



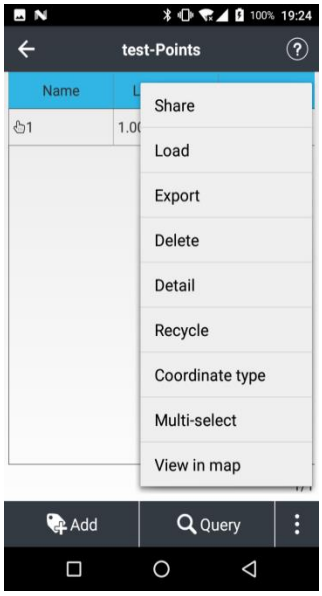
2.4 Reports

Click lower right corner icon, you can find “share”. Then enter the file name, select the export format, and then click “share” to share the file. After system share interface pop up, select CHC share code and select once or permanently, it will generate 4-digit sharing code, and display the transferred file name. The sharing code is valid for 30 minutes.

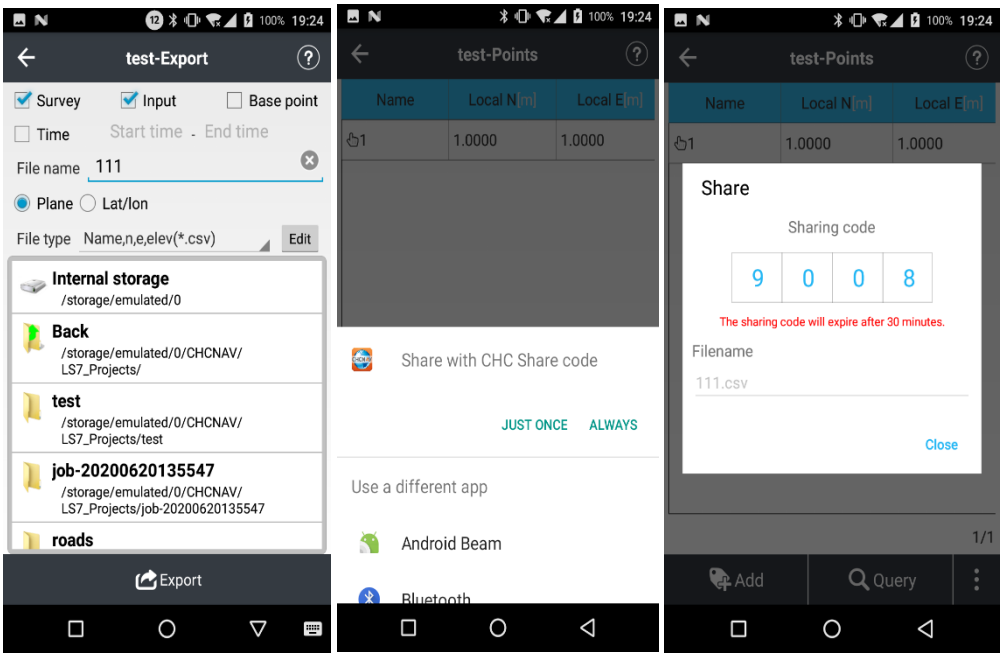


2.5 Points

Click lower right corner icon, you can find “Share，Load，Export，Delete，Detail，Recycle，Coordinate type，Multi-select，View in map”

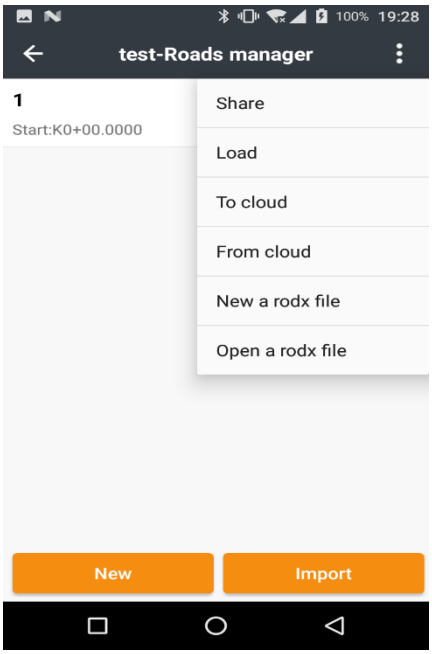


Click “share” it will export first, then generate a 4-digit sharing code and it will display the name of the transferred file. The sharing code is valid for 30 minutes.

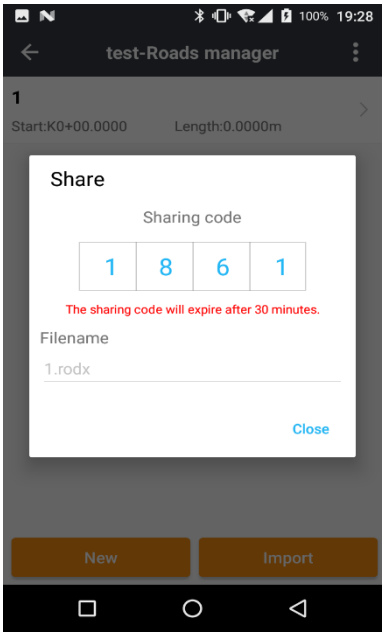


2.6 Road

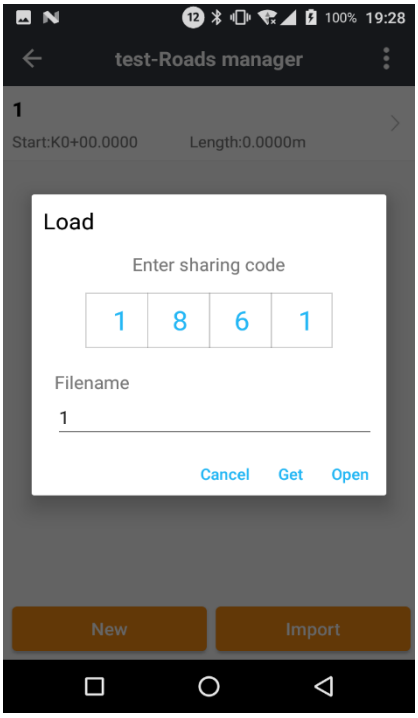
Click the top right icon. It will show “Share， Load， To cloud， From cloud, New rodx file, open a rodx file.



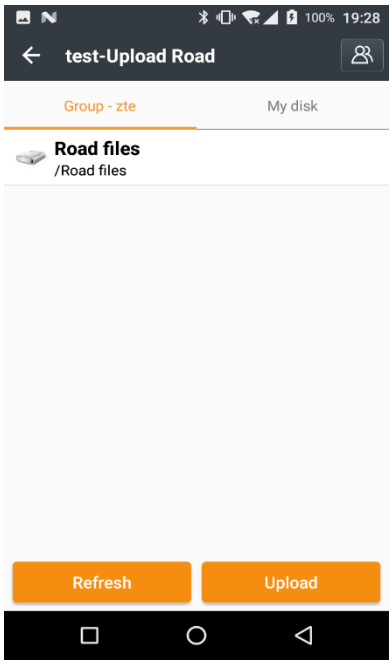
Select the project and click “share” to generate a 4-digit sharing code and it will display the name of the transferred file. The sharing code is valid for 30 minutes



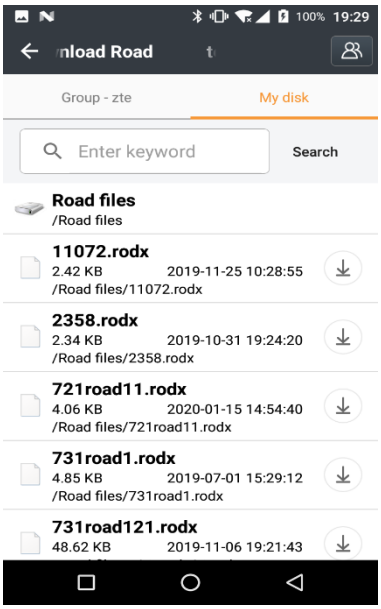
Click “Load”, enter the 4-digit sharing code, click “Get” to obtain the shared road file, “open” becomes optional, and click “open” to open the obtained road file.



Select the project, click “To cloud” to enter the road folder in the cloud disk, and click “upload” to upload the project file to the cloud disk. If you join the work group, you can also choose to upload to the work group cloud disk, click “refresh” to refresh the cloud disk.

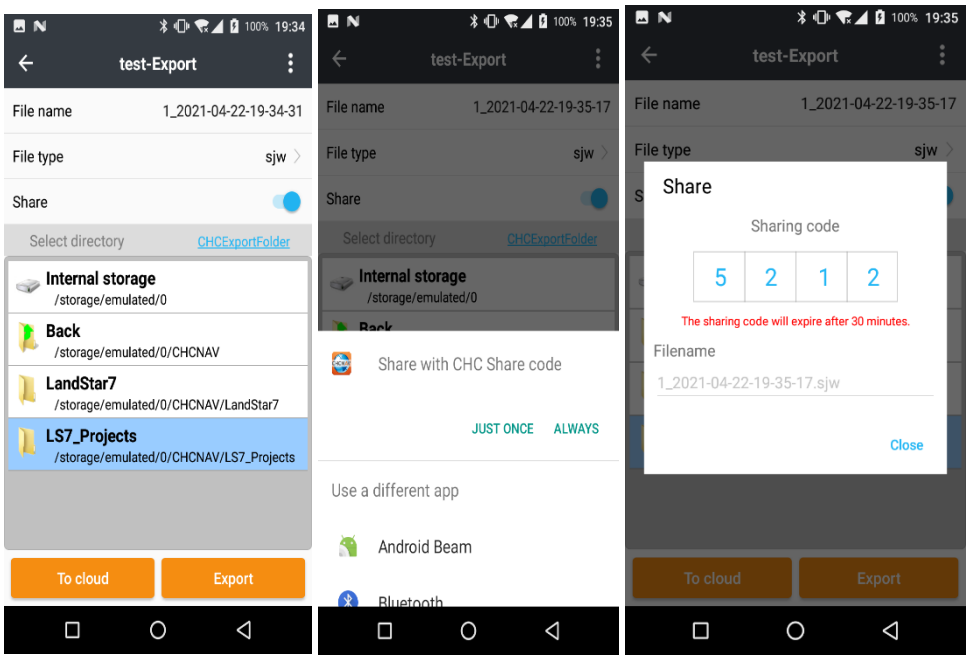


Click “From cloud” to enter the road folder in the cloud disk, click “download” to download the road file and it will automatically open the downloaded road file. You can search the road file by keyword.

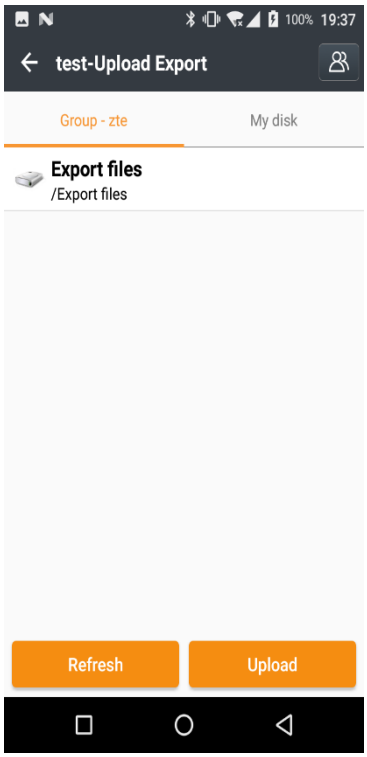


2.7 Surfaces

Click “export” and the system share interface will pop up successfully. Select CHC share code, then select once or permanent, generate 4-digit share code, and it will display the name of the transmitted file. The sharing code is valid for 30 minutes.



Click “To cloud” to enter the export folder of cloud disk, and click “upload” to upload and export files to the cloud disk. If you join the work group, you can also choose to upload to the cloud disk of the work group, and click “refresh” to refresh the cloud disk.

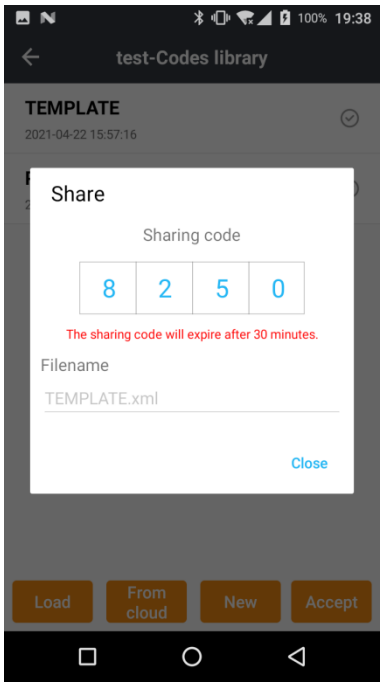


2.8 Codes

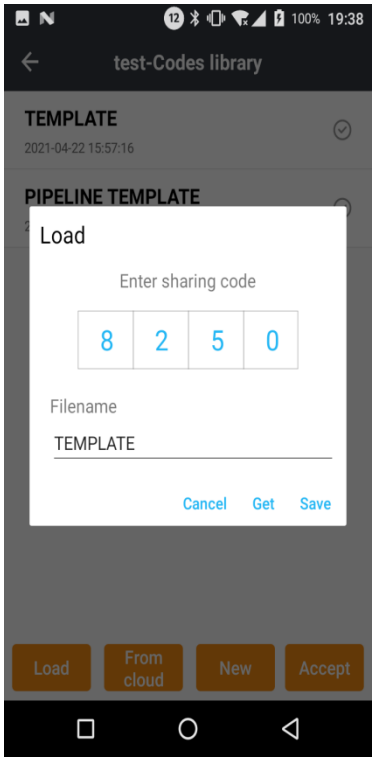
Click “Load” to enter the manage interface.

Select the code and right slide it to pop up: Delete， Edit， Rename， Share， To cloud.

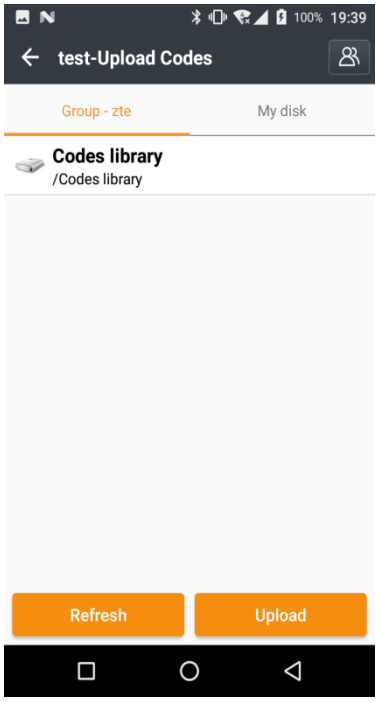
Click “share” to generate a 4-digit sharing code and it will display the name of the transferred file. The sharing code is valid for 30 minutes.



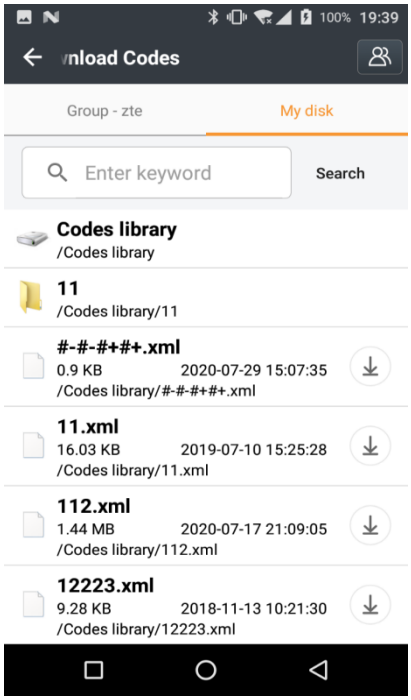
Click “Load”, input 4-digit sharing code, click “get” to get the shared codes file, “Save” becomes optional, and click “Save” to save the obtained codes file.



Click “To cloud” to enter the codes folder in the cloud disk, and click “upload” to upload the codes file to the cloud disk. If you join the work group, you can also choose to upload to the work group cloud disk, click “refresh” to refresh the cloud disk.

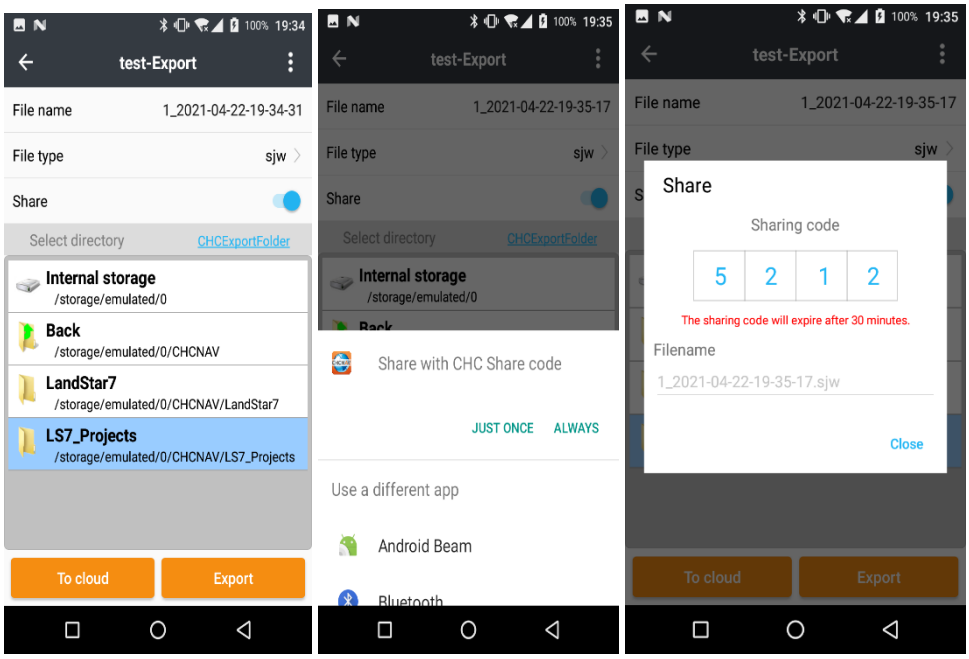


Click “From cloud” to enter the codes folder in the cloud disk, click “download” to download the codes file to the codes management. You can also search the codes file by keyword.



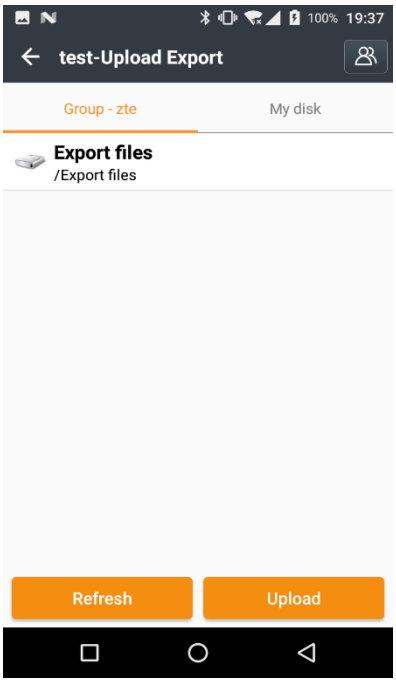
2.9 Surface stakeout

Click “share”, then click “export”, the system share interface will pop up successfully. Select CHC share code, select once or permanent, generate 4-digit share code, and it will display the name of the transmitted file. The sharing code is valid for 30 minutes.

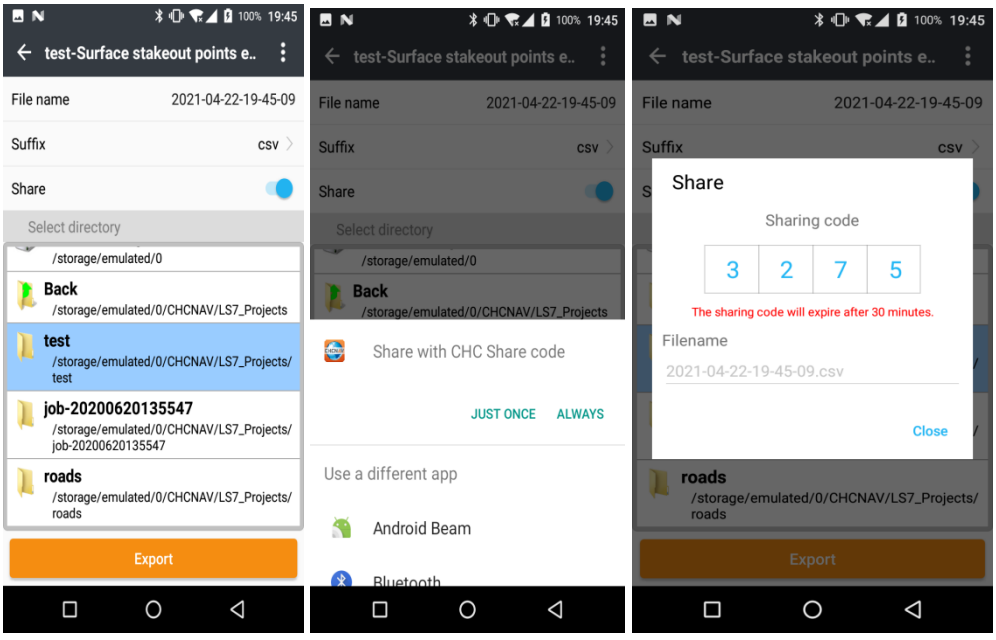


Click “To cloud” to enter the export folder in the cloud disk, and then click “upload” to upload the

export file to the cloud disk. If you join the work group, you can also choose to upload to the work group cloud disk. Click “refresh” to refresh the cloud disk.

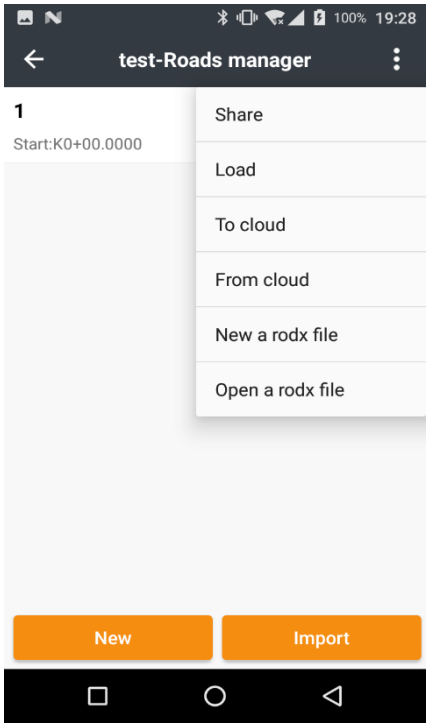


Click the menu, select “export report”, turn on “share”, click export, the system sharing interface will pop up successfully, select CHC share code, select once or permanent, it will generate 4-digit sharing code and display the name of the transferred file. The sharing code is valid for 30 minutes.

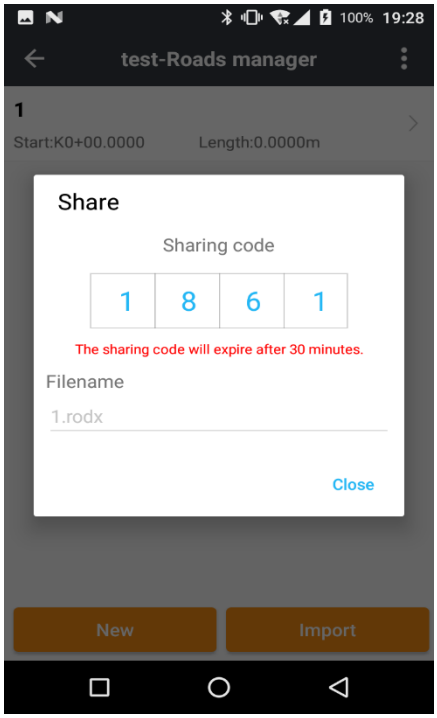


2.10 Road stakeout

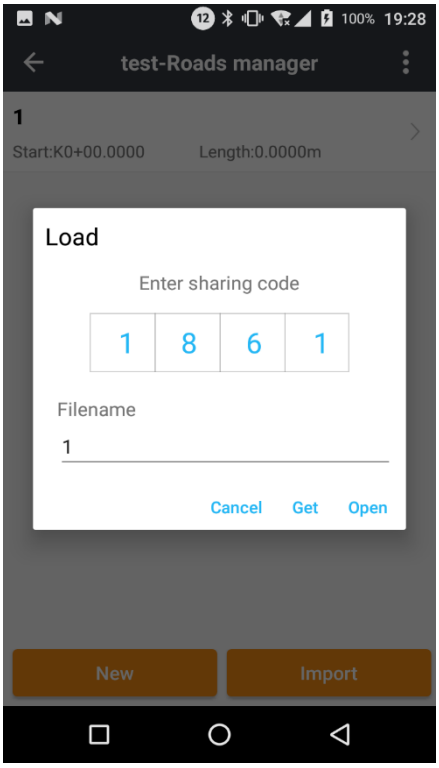
Click top right corner, it will show: Share, Load, To cloud, From cloud, New a rodx file, open a rodx file.



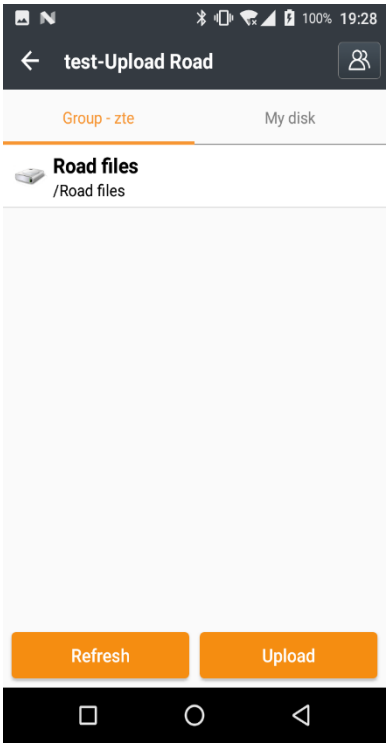
Select the project and click “share” to generate a 4-digit sharing code. And it will display the name of the transferred file. The sharing code is valid for 30 minutes.



Click “Load”, enter the 4-digit sharing code, click “Get” to get the shared file, “save” becomes optional, and click “Save” to save the obtained file to project.

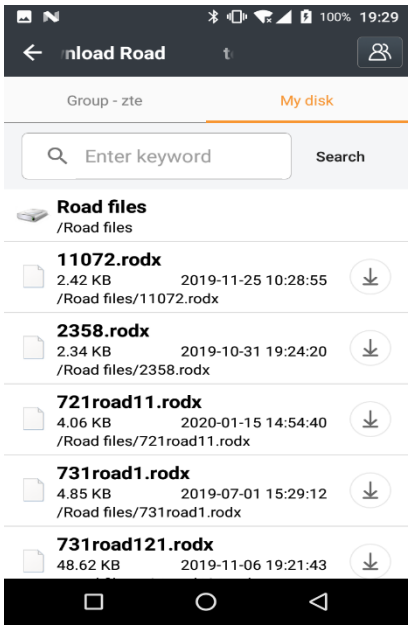


Select the project, click “To cloud” to enter the road folder in the cloud disk, and click “upload” to upload the project file to the cloud disk. If you join the work group, you can also choose to upload to the work group cloud disk, and click “refresh” to refresh the cloud disk.



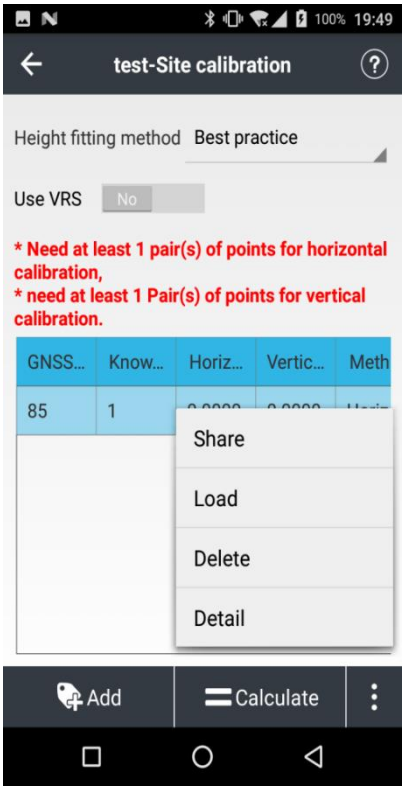
Click “From cloud” to enter the road folder in the cloud disk, click the “download” to download the

road file and it will automatically open the downloaded road file, and you can search the road file by keyword.

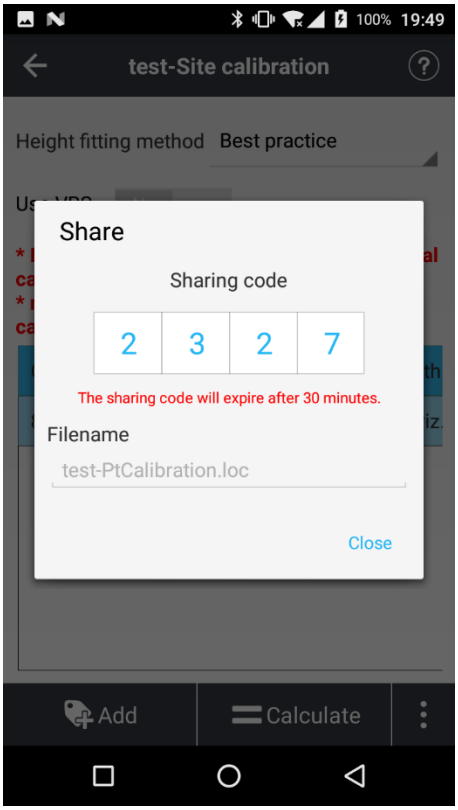


2.11 Site calibration

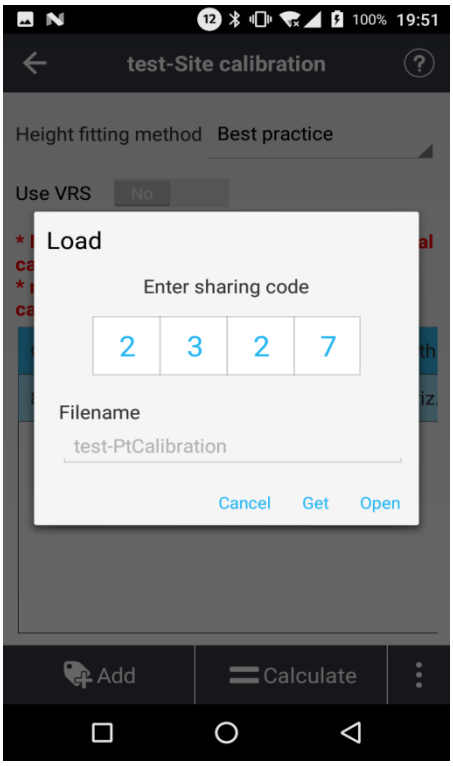
Click lower right corner, it will show: Share, Load, Delete, Detail.



After you do site calibration, click “share” to generate a 4-digit sharing code and it will display the name of the transferred file. The sharing code is valid for 30 minutes.

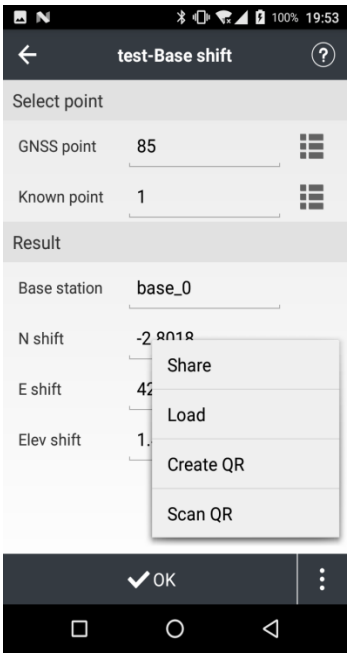


Click “Load”, input 4-digit sharing code, click “get” to get the shared site calibration file, open becomes optional, and click “open” to add the values in the obtained file to the list.

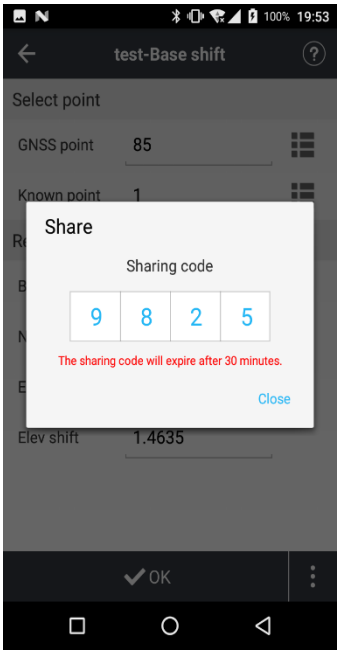


2.12 Base shift

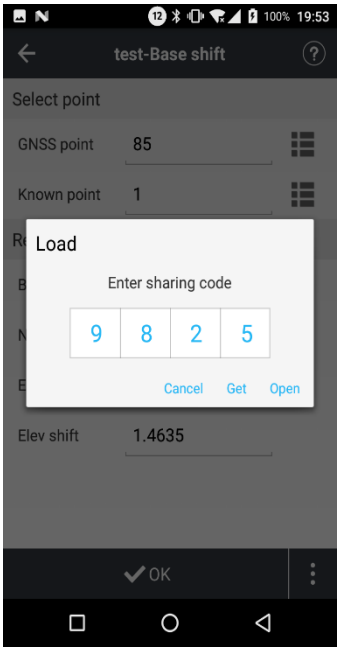
Click lower righter corner, it will show: Share, Load, Create QR, Scan QR.



After selecting GNSS point and known point, click “share” to generate 4-digit sharing code. The code is valid for 30 minutes.

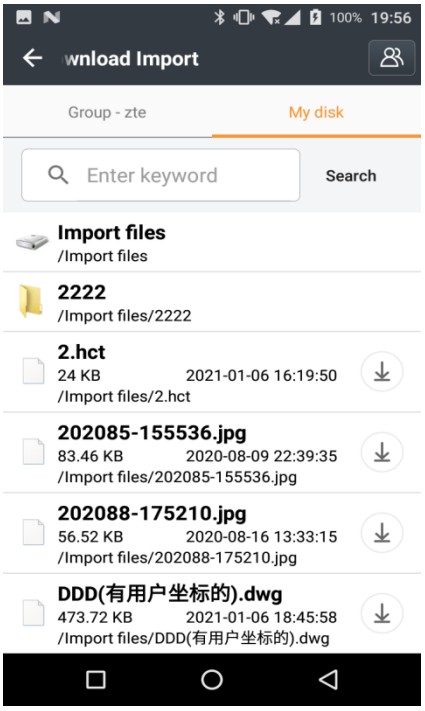


Click “load”, enter the 4-digit sharing code, and click “get” to get the shared base shift parameters. Open becomes optional. Click “open” to replace the parameter.

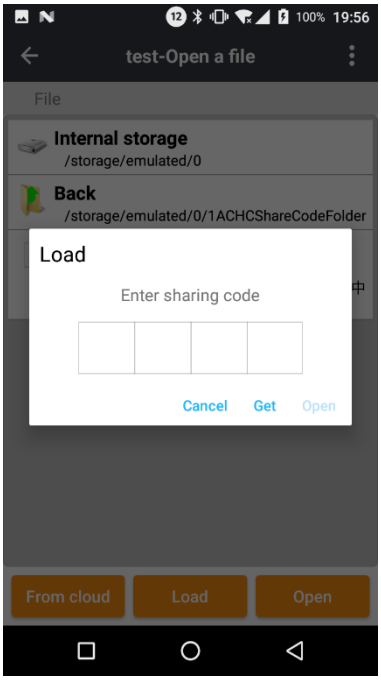


2.13 CAD stakeout

Click the file open icon, then click “From cloud” to enter the import folder of cloud disk, and click “download” to download CAD files and it will automatically open the downloaded CAD files. You can also search CAD files by keyword.

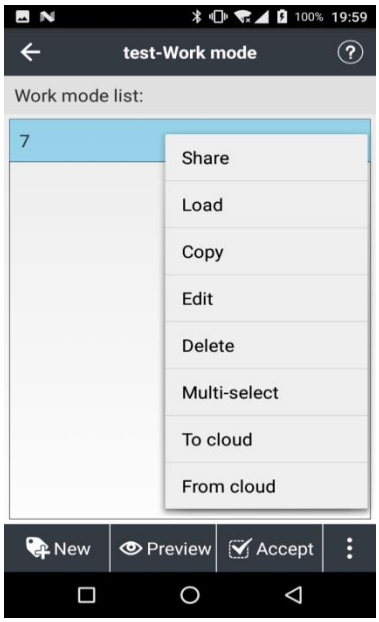


Click “load”, input 4-digit sharing code, click “get” to get the shared CAD file, open becomes optional, and click “open” to directly open the acquired CAD file.

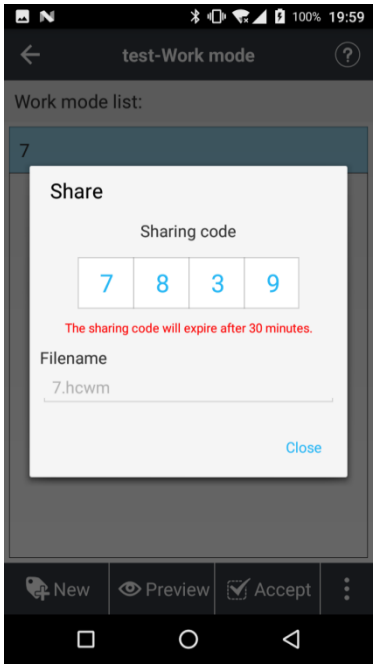


2.14 Work mode

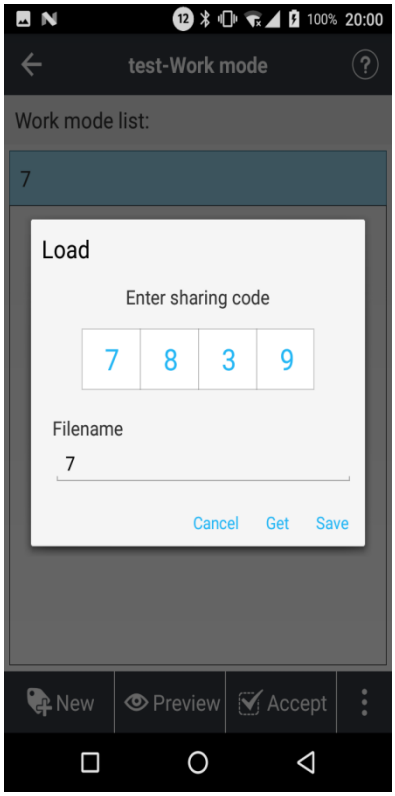
Click lower right icon, it will show： Share, Load, Copy, Edit, Delete, Multi-select, To cloud, From cloud.



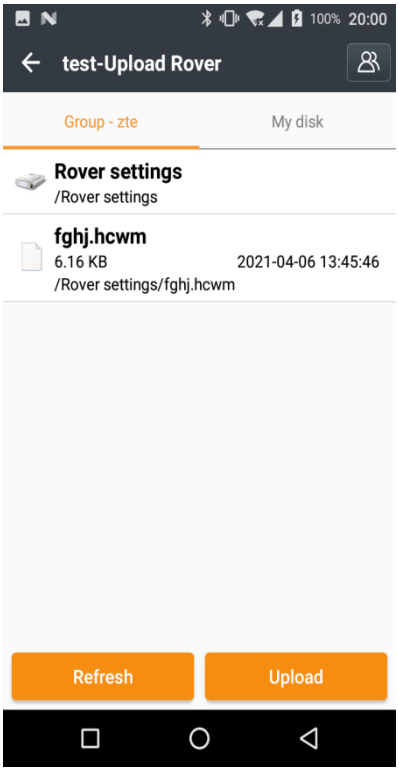
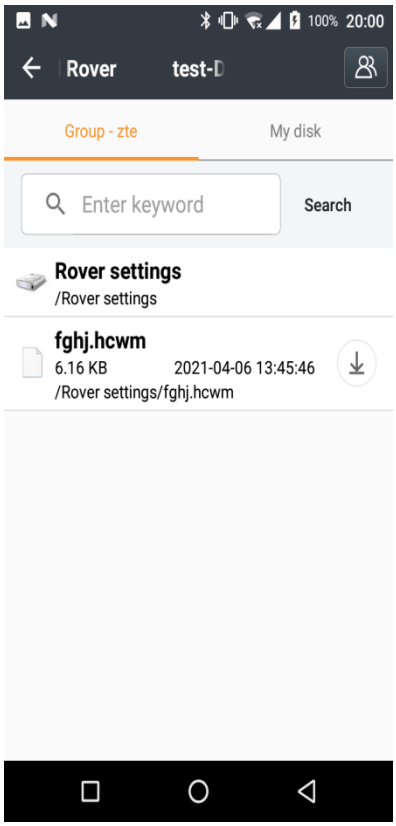
Select the saved working mode and click “share “ to generate a 4-digit sharing code, it will display the name of the transferred file. The sharing code is valid for 30 minutes.



Click “load”, input 4-digit sharing code, click “get” to get the shared work mode, save becomes optional, and click “Save” to save the obtained work mode to the list.



Click “To cloud” to enter the rover station folder in the cloud disk, click “upload” to upload the work mode to the cloud disk. If you join the work group, you can also choose to upload to the work group cloud disk, and click “refresh” to refresh the cloud disk.



Click “From cloud” to enter the rover station folder in the cloud disk, and click “download” to download the rover station file and save it in the work mode list.