

# LandStar8 Share Location

## DESCRIPTION

CHC, Geomate, and iGage receivers can share their location with GIS applications using the Share Location application. This will provide a 'Mock Location' using Android settings and will appear to be the GIS software location


## SHARE LOCATION

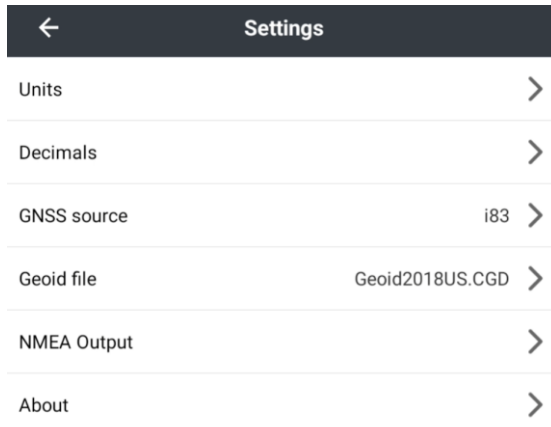
- 1) Download the latest Share Location application from [igage.com](https://igage.com/out/CHC/ShareLocation/20251113/index.htm) at:  
<https://igage.com/out/CHC/ShareLocation/20251113/index.htm>
- Download the .APK file type at this link to collector, Install the Share Location app.

Index of /CHC/ShareLocation/20251113/

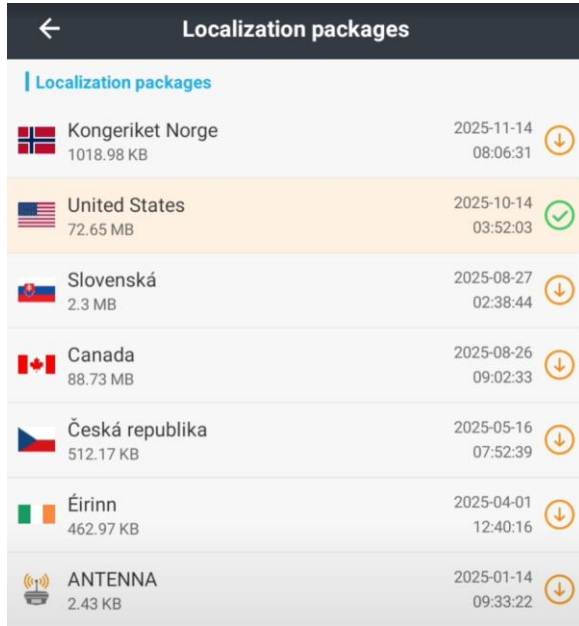
	Name	Last modified	Size
	<a href="#">Parent Directory</a>	-	-
	<a href="#">20251113.txt</a>	11/13/2025 4:51:02 AM	0 bytes
	<a href="#">ShareLocation_VersionNotes.pdf</a>	11/13/2025 4:52:46 AM	121,555 bytes
	<a href="#">ShareLocation-1.0.1.20251113-release-android.apk</a>	11/13/2025 4:49:22 AM	123,669,678 bytes

File Archive provided by [iGage Mapping Corporation](#) +1-801-412-0011; 11/13/2025 4:54:55 AM; (XDir Ver: 2023.9.20.2013)

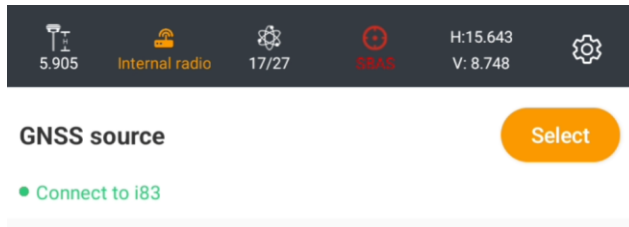
- 2) Open the Share Location application, select the gear icon at top right. ()
- 3) Select 'Geoid file' and choose 'Geoid2018US.CGD'.



- 4) Select Geoid file > Download > download 'United States' and 'Antenna' by clicking the orange symbol next to them.

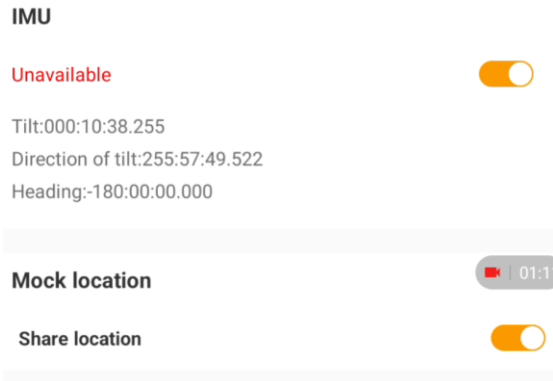


- 5) Set desired Unit settings.
- 6) Select GNSS source.

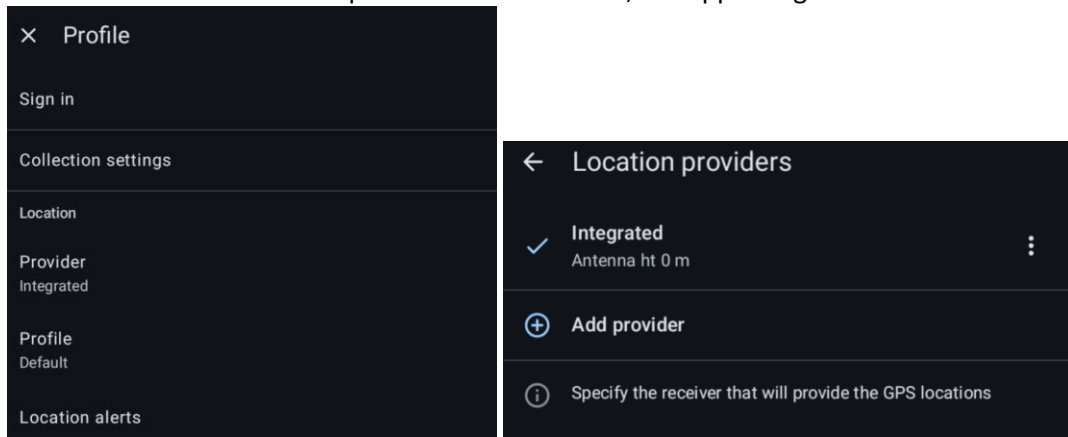


- 7) Create an Instrument Profile if none exist. Profiles can use any source of corrections, UHF/NTRIP/APIS for the rover. Select 'Save' after making profile, and the 'Accept' to hook up to receiver.
- 8) Turn on Mock location > 'Share location'.

**NOTE: If you receive a notice about Mock location settings and developer options, see instructions below**

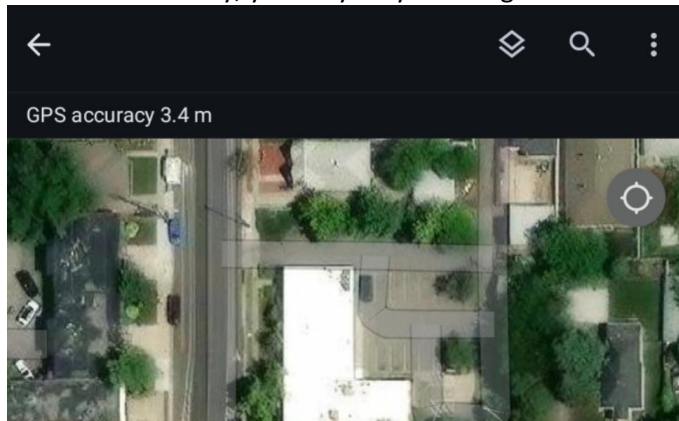


- 9) Open GIS software on collector, we have experimented with Field Maps application. Navigate to settings, under 'Provider' ensure 'Integrated' is selected.
  - a. Share Location will provide a Mock Location to the Android device, feeding the Android a corrected position from the rover, but appearing to be the Android.

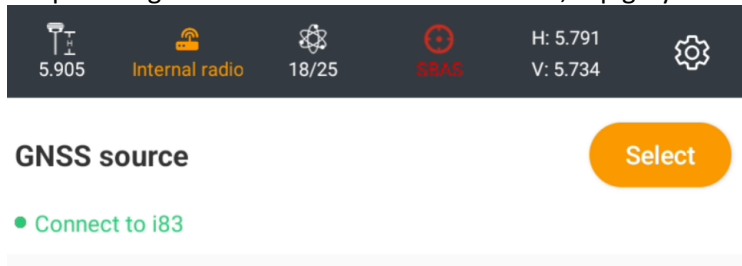


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- 10) If settings are correct and receiver is connected and fixed, you should be able to see a GPS Accuracy readout with  $< 0.1$  foot accuracies. If you see 'Acquiring position' or large residual values for accuracy, you may only be using the tablet location.



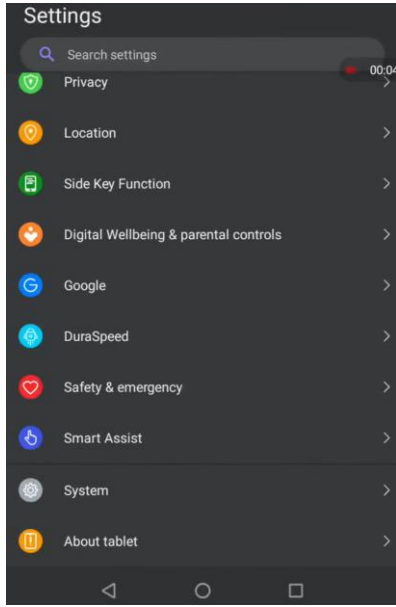
- 11) Set pole height at Share Location home screen, top gray bar.



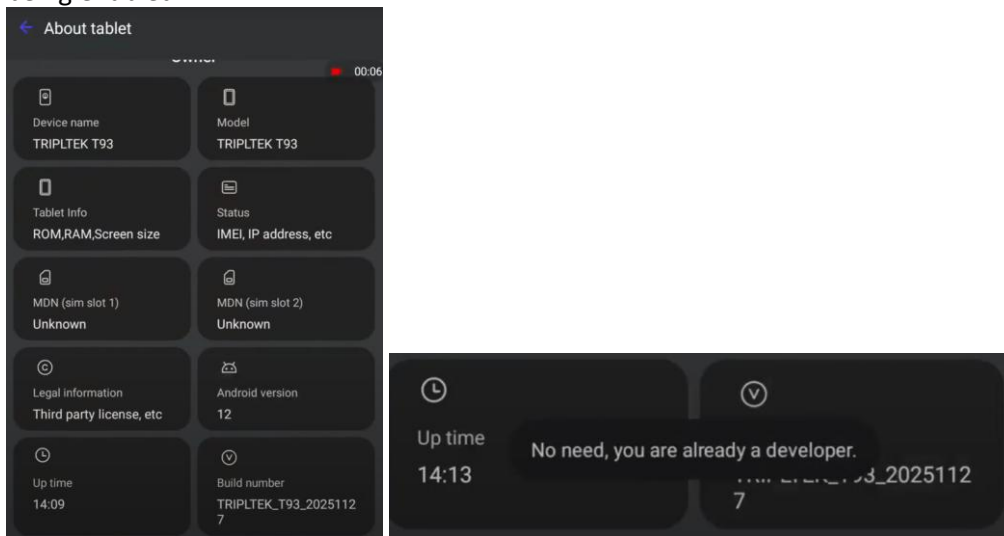
## ANDROID MOCK LOCATION DEVELOPER OPTIONS

Android Developer Options and Mock Location Source must be set for Share Location to work.

- 1) Open Android settings menu, select 'About tablet' at bottom of screen



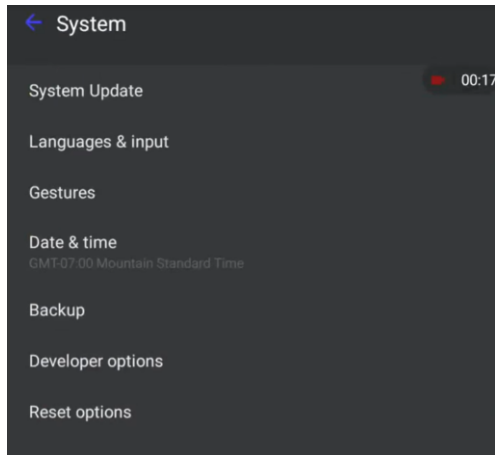
- 2) Find 'Build Number' and tap 7 times quickly, you will see a message about Developer Options being enabled



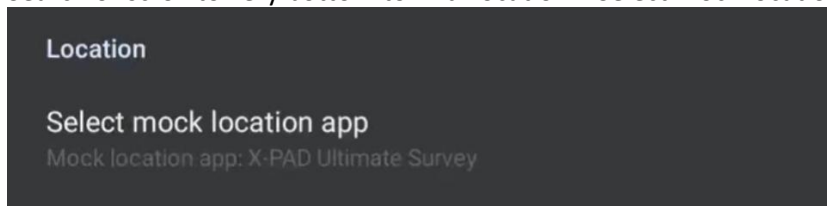
- 3) Using the back arrow, navigate to Settings main menu, then select 'System'



- 4) Select 'Developer options'



- 5) Search or scroll to very bottom to find Location > Select mock location app



- 6) Select 'Share Location' option.



- 7) Your Android collector tablet will now have a 'Mock location' so that all GIS applications or phone applications that can read the tablet GPS will get the fixed position of the receiver.