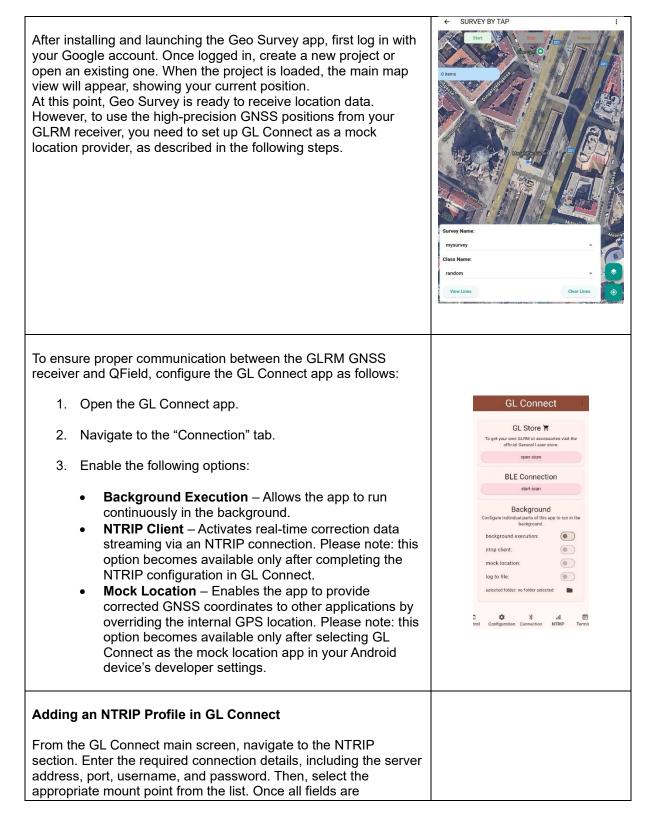
## Using the GLRM Receiver with Geo Survey

This app enables surveyors to collect data (coordinates) of points on a map by creating polygons/polylines. This guide explains how to use the GLRM receiver in combination with the GL Connect app to provide precise positioning to Geo Survey on Android devices. GL Connect acts as a mock location provider, streaming corrected GNSS positions from the GLRM receiver and making them available to other apps. To use it with Geo Survey, you'll need to configure GL Connect with your NTRIP credentials and set it as the mock location app in Android system settings.



completed, initiate the connection by tapping Connect to NTRI Client.	P GLConnect TTRP Clent Configuration Farmer Disconnect For the part of the remy For: For: For: For: For: For: For: For:
Enabling Developer Options on Your Android Device	
To allow the use of Mock Location with external GNSS receive you first need to unlock the Developer Options on your Android device:	
	Android version
1. Open your device's Settings.	Google Play system update Apri 1.2025
<ol> <li>Scroll down and select About Phone (or About Device depending on your Android version).</li> </ol>	Baseband version           Anternacialization           Kernel version           4.14.199-0426329-sho20559400050002           #2.2004 Apr 71.181-238-491.2024
3. Locate the Build Number entry.	Build number RPIA.2072.012.Ar05Ph.0XU50X02
5. Eocate the Build Number entry.	SE for Android status
<ol> <li>Tap the Build Number repeatedly (approximately 7 tim until you see a message confirming that Developer Options have been unlocked.</li> </ol>	Enforming Enforming Here April 11 NEX 27 2024 Knox version Knox 37 Knox AV Next 21 TINA 4, 10
<ol> <li>Return to the main Settings menu, where you will now a new section called Developer Options.</li> </ol>	Service provider software version sAMMD_SMA705PH_COMM_ATD_SR_0009 ATOMATO_ATO_ATO_ATO_ATO_ATO_BR_0009
To allow your device to use corrected GNSS data from an exte NTRIP client, follow these steps:	Con Con Con Contractions
1. Navigate to Developer Options (previously unlocked).	sunt aver-a is communication as as as it. Bug deposition and a sufficient in the position marks for tabling is Discuss a bufficient in the position marks for tabling is
2. Tap on Select mock location app.	the spectra of t
3. From the list of available apps, select GL Connect.	Select mack location app No make building app int
	Force from Unics interaction must be addressed in the second
	Enalee reversitionale inspection
	Wait for debugger bidegeging spectreme with the shangger to attable for ensurement states to be attack of the states of the states Meritfu anne numer HSR
Once the mock location app is selected and active, all applicat on your Android device that use location services will automatically receive the high-accuracy positional data stream from the GLRM GNSS receiver. You can now open QField and begin surveying without any additional configuration. The app will use the corrected coordinates provided by the external receiver instead of the internal GPS.	BLF Connection converte k Re-detail

Once GL Connect is configured and set as the mock location provider, return to the Geo Survey app. If everything has been set up correctly, the app will now receive position data from the GLRM receiver.

You should notice an improvement in the displayed positioning accuracy in the map view's status bar. The vertical and horizontal accuracy should reflect the enhanced precision provided by the GLRM receiver. This confirms that Geo Survey is successfully using the corrected GNSS stream for georeferenced data collection.

