

GPS SOP - Field Setup

A. Procedure for Setting up GPS Receiver:

1. Inspect the coaxial cable:
2. Confirm connectors are not loose and pins are straight and centred.
3. Inspect wiring for major kinks or small tears.
4. If there is suspected damage to cables, please inform GIS team or RM.
5. Connect antenna and cables to the receiver unit.
6. Turn on the receiver unit. After a few minutes the three four LED lights should be illuminated.

Tip: Coaxial cables were invented in the 19th century and aren't very rugged. Do not bend coaxial cables. Please handle it with care in the bush.



B. Procedure for Setting up Phone Connections

For iPhone Devices:

1. Turn on the handheld device.
2. Reset bluetooth settings. Open your phone settings menu, select bluetooth, select (& hold) the Arrow GPS in the list of devices. Click "Delete", confirm "Yes"
3. Re-connect Arrow to phone. Click "Add new GPS device". Select the Arrow receiver, click Next
4. Enter the following passcode: Arrow = 12345678

For Android Devices:

1. Make sure the GPS Receiver is turned on.
2. Pull the notification menu down from the top of your screen. Hold the Bluetooth button. Select your Arrow GPS Receiver
3. You may need to enter the password (see above)
4. If paired, go to the Bluetooth GPS App. Select your Receiver from the drop down menu. Tap "Connect"
5. At this point your UTM and Lat/Long coordinates should appear.

Tip: If coordinates don't appear, double check the GPS Receiver is turned on and all antennae and cables are properly attached.

C. Procedure for Exporting GPS Data

1. Open the Map where data is contained
2. Tap the Placemark icon with the 3 lines beside it
3. Tap the "UP" arrow with the line underneath of it
4. Here you can change the name, file type (KML, GPX)
5. Send to "SD Card". Click "Export".
6. Go to "My files". Click file. Select "Share Via"
7. Select "Drive" and scroll to appropriate "Add-To-Maps" or "Do-Not-Add-To-Maps" folder depending if the feature needs to be mapped.

